PREFACE

Thank you for selecting a Hero MotoCorp **XTREME 250R**. 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.

Your vehicle is conforming to latest BS-VI OBD Stage II-B regulation for emission, safety and noise levels. We are also using non asbestos brake shoes/pads and engine gaskets which are environment friendly in nature.

This vehicle is fitted with a lighting feature known as "Automatic Headlamp ON". The feature is mandated for all 2 Wheelers by Ministry of Road Transport and Highways (Government of India) vide notification GSR 188 (E) dated 22nd February 2016. This feature helps in conspicuity for improving rider safety. The headlamp of this vehicle will always be lit ON when the engine gets ON.

This booklet is your guide to the basic operation and maintenance of your new Hero MotoCorp **XTREME 250R**. 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, ILLUSTRATIONS, PHOTOGRAPHS, 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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ACCESSORIES SHOWN MAY NOT BE THE PART OF STANDARD FITMENT. IT IS OUR ENDEAVOUR TO CONSTANTLY IMPROVE OUR PRODUCTS. THIS COULD LEAD TO CHANGE IN PRODUCT SPECIFICATIONS WITHOUT NOTICE. Hero MotoCorp Ltd **'XTREME 250R' COMPLIES WITH THE LATEST EMISSION NORMS.**

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01

SAFETY INFORMATION

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Hero RideSafe

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 throughout 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.



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 and 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.

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 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.

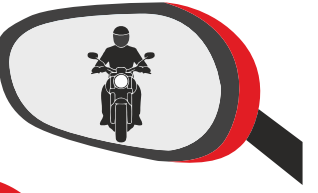
This vehicle is intended solely for smooth paved roads and streets. Using the vehicle on unpaved surfaces can result in skids or other accidents.

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 increase the reaction time. Do not drink and ride.

Keep your vehicle in safe condition

For safe riding, it is important to inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits, and always use accessories that have been recommended by Hero MotoCorp for this vehicle.









If you are involved in a crash

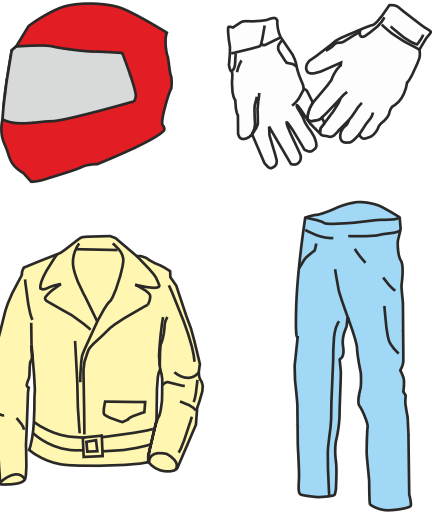
Personal safety is your first priority. If you or anyone else has been injured, take time to assess the severity of the injuries and whether it is safe to continue riding. Call for emergency assistance if needed. Also follow applicable laws and regulations if another person or vehicle is involved in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

PROTECTIVE APPAREL

For your safety, we strongly recommend that you always wear an approved helmet (ISI marked), eye protection, boots, gloves, long pants and a long sleeve shirt or jacket whenever you ride. Take care of loose/ hanging 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 you choose proper riding gear.



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.

⚠ 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.***

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 an 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

- Make sure that the accessory does not obscure any lamps, reduce ground clearance, limit suspension travel or steering travel, affect your riding position or interfere with operating any controls.
- Be sure electrical equipment does not exceed the vehicle's electrical system capacity **(page 4-2).** A blown fuse can cause a loss of lights.
- Do not pull a trailer or sidecar with your vehicle. This vehicle has not been designed for these attachments, and their use can seriously impair your vehicle's 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, mufflers, emission control system or other equipment can also make your vehicle illegal.

LOAD LIMITS AND GUIDELINES

Your vehicle has been designed to carry you, one passenger, and/or limited amount of cargo. When you add cargo or carry a passenger, you may feel some difference in 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.

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.***

⚠ WARNING

- ***Do not ride at high speeds when the vehicle is loaded near to its maximum load limit (with passenger and/or cargo). The presence of additional weight reduces vehicle stability and handling.***
- ***Liquids in a container act as unstable weights and can adversely affect riding dynamics. Avoid carrying liquids while riding your vehicle.***

Loading guidelines

Your vehicle is primarily intended for transporting you and a passenger. If you wish to carry cargo, check with your Authorised Hero MotoCorp workshop for advice and be sure to read the information regarding accessories **(page 1-4)**.

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.

The combined weight of the rider, passenger, accessories, and luggage must not surpass the maximum load limit specified.

Maximum weight capacity: 130 Kg

Follow these guidelines whenever you carry a passenger or cargo:

- Keep cargo and accessories as low (height) as possible and close to the center of the vehicle. Load weight equally on both sides to minimize imbalance. As weight is located further from the vehicle's center of gravity, handling is proportionally affected.
- Adjust tyre pressure **(page 4-2)** to suit load weight and riding conditions.
- Vehicle handling and stability can be adversely affected by loose cargo. Recheck cargo security and accessory mounts frequently.
- Do not attach large or heavy items to the handlebars, front fork or fenders. It can result in unstable handling or slow steering response.
- Do not ride the vehicle with helmets hanging from the hook/vehicle, as they could distract the rider or compromise normal vehicle control.

ANTI-THEFT TIPS

- Always lock the steering and never leave the key in the ignition switch.
- Be sure the registration information for your vehicle is accurate and correct.
- 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 area.
- Keep a note in your vehicle all the time with your name, address and contact details.



SAFE RIDING TIPS



Hero RideSafe

Do's:

- Always conduct simple pre-ride inspection **(page 6-1)**.
- Always wear a helmet (ISI marked) with chin strap securely fastened and insist on a helmet for your pillion rider.
- While riding, sit in a comfortable position with your legs close to fuel tank.
- Ride defensively and at a steady speed (between 40-50 km/hr).
- For stopping vehicle, use both brakes simultaneously, keeping throttle in the closed position.
- Respect road signs and obey traffic rules for your own safety and that of others on the road **(page 9-1).**
- 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 Hero MotoCorp workshop.
- Keep checking the ABS indicator. At any point if indicator remains on, then ABS is not working **(page 5-45).**
- Keep checking meter. console In case of ABS malfunction, speed display may go to zero.
- It is suggested to go through the do's and dont's of ABS **(page 6-5)** and practice riding your ABS vehicle initially in low-traffic condition unless you are thoroughly familiar with your vehicle and its controls.

SAFE RIDING TIPS



Don'ts

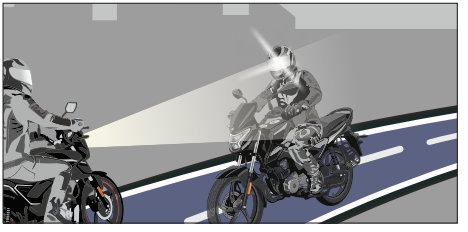
- Never use cell phone while riding the vehicle.
- Avoid sudden acceleration, braking and turning of your vehicle.
- Never shift gears without disengaging the clutch and closing the throttle, unless using quickshifter.
- Avoid keeping any cloth or flammable object between hot parts (muffler, radiator, engine) and fairing.
- 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, front forks, or fenders.
- Never take your hands off the steering handle while riding.
- Do not attempt to apply the brake intermittently for ABS vehicle.
- Do not panic due to mechanical noises or slight pedal pulses while applying the brake in vehicle. These conditions are normal and indicate that ABS is working.
- Do not apply hard braking in wet or rainy conditions.
- Do not switch off the integrated start-kill switch ( ) while riding the vehicle **(page 5-38).**
- Do not move the side stand down while riding, as engine will stop while vehicle is in gear **(page 5-47)** (Wheel locking leading to accident, part damage, etc.).
- Don't be distracted while riding.
- Do not ride the vehicle when the coolant temperature indicator displays " HOT " **(page 7-12)**.

TIPS FOR HEALTHY ENVIRONMENT

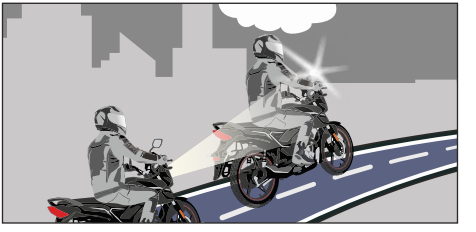
The following tips shall ensure a healthy vehicle, healthy environment, and a healthy you.

- **Healthy engine:** The engine is the lifeline of every vehicle. To keep it healthy, it should be maintained properly, which will also help reduce pollution and improve vehicle performance and fuel efficiency.
- **Regular servicing:** Get your vehicle serviced at an Authorised Hero MotoCorp workshop as per the service schedule for an optimum performance and to 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 Xotic+ SAE 10W 30 SL MA2 fully synthetic PAO based oil is recommended by Hero MotoCorp and make sure you change it every 12000 km. (with top up every 6000 kilometres) 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 at least once every 6 months or as notified by the government from time to time.
- **Fuel saving and reduce pollution:** Switch "OFF" the engine while waiting at traffic signal points to save fuel and reduce pollution, if the waiting period is long.
- **BS-VI grade fuel :** Always use BS-VI grade fuel to adhere to BS-VI norms.

CORRECT USE OF HEADLAMP



High Beam Dazzling Oncoming Vehicle



High Beam Dazzling Vehicle In Front

NOTE

Improper use of high beam can dazzle others and cause safety risks. Riding in high beam in specific condition can be punishable as per Motor Vehicle Act.

Use Low beam when:

- Riding in the city, on lit roads, or when other vehicles are around.
- Riding closely behind someone, to prevent dazzling them through their mirrors.
- Riding in bad weather (rain/fog/snow). Low beam allows you to see the road better.

Use High beam ONLY when:

- Riding on dark, unlit roads outside city limits.
- Riding on empty roads with no other vehicles around you.

Use Pass switch when:

- Overtaking someone. Flash it once or twice to signal your intent to overtake.
- Driving around a blind corner or intersection to signal your presence.

Dealing with glare:

If an oncoming vehicle or someone behind you is blinding you:

- Do not stare directly into the bright lights. Shift your gaze slightly while still staying attentive.
- Reduce your speed and keep a safe distance from others.
- Keep your helmet visor and spectacles (if using) clean and free from scratches.

02

VEHICLE IDENTIFICATION

VEHICLE IDENTIFICATION



Vehicle Identification Number (VIN)
Location: Stamped on the right side of the steering head tube.



Engine No.
Location: Stamped on the lower side of the left crankcase.

VIN: M B L N C U 0 7 # # # # # # # # # #

MBL	NCU07	#	#	#	#	#####
Manufacturer code	Vehicle Description	Check Digit	Model Year	Plant Code	Month of Manufacturing	Production Serial Number

Engine No.: N C 2 5 A D # # # # # # # # #

NC25AD	#	#	#	#####
Engine Description	Year of Manufacturing	Assembly Plant	Month of Manufacturing	Serial Number

Model: XTREME 250R

Variants	VIN	Engine
Electric start/Front and rear disc with ABS/Cast wheel (Matt gold)	NCU07	NC25AD
Electric start/Front and rear disc with ABS/Cast wheel (Matt gray metallic)	NCU07	NC25AE

VIN and Engine No. may be required:

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

03

VEHICLE OVERVIEW

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FRONT VIEW



1. Front fender	5. Headlamp
2. Right position lamp/Daytime running lamp	6. Front left turn signal lamp
3. Front cowl	7. Left position lamp/Daytime running lamp
4. Front right turn signal lamp	8. Radiator

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

REAR VIEW



1. Licence plate lamp	6. Right rear turn signal lamp
2. Engine guard	7. Rear suspension
3. Left rear turn signal lamp	8. Rear caliper assembly
4. Tail/stop lamp	9. Rear reflex reflector
5. Rear view mirrors	

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

LEFT SIDE VIEW



1. Side reflex reflector	6. Rider footrest
2. Under cowl	7. Pillion footrest
3. Side stand switch	8. Saree guard
4. Gearshift pedal	9. Rear grip
5. Side stand	10. Left side cover

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

RIGHT SIDE VIEW



1. Rear disc	6. Front caliper assembly	11. Pillion seat
2. Rear brake master cylinder	7. Front disc	12. Rear brake fluid reservoir
3. Rear brake pedal	8. Front suspension	13. Rear hugger fender
4. Oil level window	9. Electronic throttle body	14. Exhaust muffler assembly
5. Oil filler cap	10. Rider seat	

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

TOP VIEW



1. Fuel tank cap	10. Front brake master cylinder/Reservoir
2. Horn switch	11. Hazard switch
3. Turn signal switch	12. Integrated start-kill switch
4. Home screen navigator control	13. Front brake lever
5. Clutch lever	14. Handlebar weight
6. Headlamp dimmer/Pass lamp switch	15. Throttle grip
7. USB charging port	16. Cruise control switch
8. Meter console	17. E20/QR code sticker
9. Ignition switch with key	

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

04

VEHICLE SPECIFICATION

ITEM	SPECIFICATIONS
Dimensions	
Overall length	2023 mm
Overall width	828 mm
Overall height	1062 mm
Wheelbase	1357 mm
Saddle height	806 mm
Ground clearance	167 mm
Weight	
Kerb weight	168 kg
Capacities	
Engine oil	1500 ml at draining without oil filter replacement 1600 ml at draining with oil filter replacement 1700 ml at disassembly
Coolant	1050 ml (Total coolant capacity) 850 ml (Radiator and engine) 200 ml (Reserve tank)
Fuel tank capacity	11.5 litres
Hydraulic brake fluid	DoT-4
Engine	
Maximum power	30 Ps @ 9250 r/min
Maximum torque	25.3 N-m @ 7500 r/min
Bore and stroke	73x59.5 mm
Compression ratio	12:1
Displacement	250 cc
Spark plug	BOSCH-VR5NEU
Spark plug gap	1.0-1.1 mm
Idle speed	1600±100 r/min

ITEM		SPECIFICATIONS
Chassis and suspension		
Front suspension		USD front fork
Rear suspension		Rectangular swingarm with 6 step adjustable gas charged mono shock absorber
Caster angle		23.9°
Trail length		86.5 mm
Tyre size	Front	110/70-17 M/C 54H TL
	Rear	150/60 ZR17 M/C 66W TL
Tyre pressure	Front (Rider/pillion)	2.0 kg/cm² (29 psi)
	Rear (Rider/pillion)	2.3 kg/cm² (33 psi)
Brakes	Front (Disc type)	Dia. 320 mm
	Rear (Disc type)	Dia. 230 mm
Transmission		
Primary reduction		2.77
Final reduction		3.29
Gearbox		Manual 6 speed
Gear ratio	1st	2.69
	2nd	1.94
	3rd	1.45
	4th	1.16
	5th	0.96
	6th	0.86
Electricals		
Battery		*MF Battery 12V-8 Ah/ETZ-9
Alternator		320 W @ 5000 r/min
Headlamp (Main/Low/DRL)		LED (30 V-24 W/21 V-17 W/13.5 V-21.3 W)

***MF stands for Maintenance Free**

ITEM		SPECIFICATIONS
Position lamp		13.5 V - 3.5 W (LED)
Tail/Stop lamp		7.5 V - 3.8/0.99 W (LED)
Turn signal lamp		7.45 V - 1.05 W x 4 (LED)
Meter illumination		TFT
Neutral indicator		LED
Turn signal indicator (RH/LH)		LED
Hi beam indicator		LED
ABS indicator		LED
Service reminder indicator		TFT display
Licence plate lamp		6.5V-0.4W (LED)
Malfunction indicator lamp (MIL)		LED
Side stand indicator		LED
Low fuel indicator		LED
Low oil pressure indicator		LED
TPMS sensor cell		Coin cell - CR1632
Fuse	Starter magnetic switch	25A (Main fuse) & 25A (Spare fuse)
	Fuse box-A	25A, 15A X 2 & 10A X 3 (Main fuse) 15A & 10A (Spare fuse)
	Fuse box-B	15A & 10A (Main fuse)

05

INSTRUMENTS AND CONTROL FUNCTIONS

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INSTRUMENTS AND CONTROL FUNCTIONS

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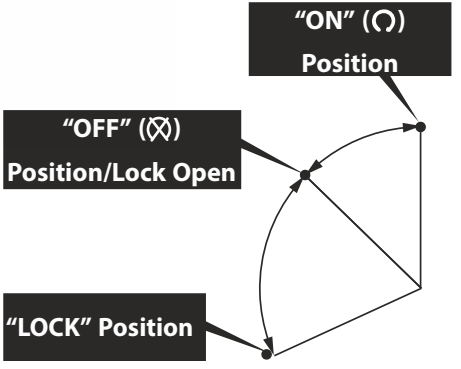
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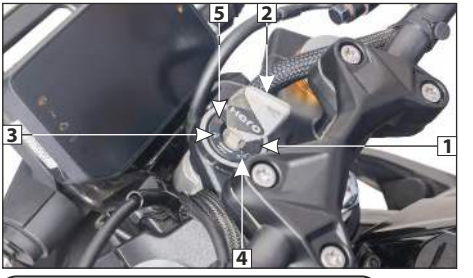
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IGNITION SWITCH



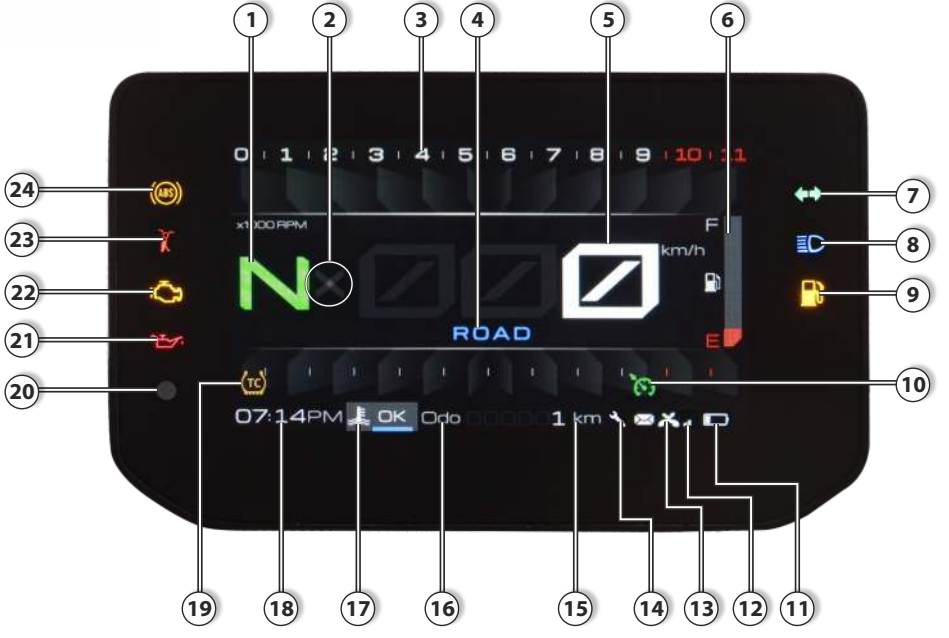


1. Ignition switch
2. Ignition key
3. "OFF" (⊗) position
4. Steering lock position
5. "ON" (⚷) position

Key position	Function	Key removal
"ON" (⚷)	The meter console illuminates and initial display of multi-function digital segments are displayed. Odometer will appear. The engine can be started. Turn signal lamp, horn, tail/stop lamp, fuel gauge, pass lamp, position lamp and neutral indicator will be functional. Malfunction indicator lamp (MIL) illuminates continuously.	Key cannot be removed.
"OFF" (⊗)	Engine cannot be started and no electrical system will be functional.	Key can be removed.
"LOCK"	Steering is locked.	Key can be removed.

INSTRUMENTS AND INDICATORS
THIN FILM TRANSISTOR (TFT) METER CONSOLE

The indicators are in the speedometer panel above the headlamp. The functions are shown below.



Sl. No.	Description	Function
1	Gear indicator ()	Displays currently selected gear. **(page 5-22).**
2	Gear up/down advisory ()	Assists the rider to shift gear for achieving optimum fuel efficiency based on engine performance **(page 5-23)**.
3	Tachometer	Shows engine revolution per minute.
4	Driving modes	Displays the selected drive mode state.
5	Speedometer	Indicates riding speed**.**
6	Fuel gauge	Indicates approximate fuel available in the form of digital bars **(page 5-6).**
7	Turn signal indicator ()	Flashes when left/right turn signal switch or hazard switch is operated.
8	High beam indicator ()	Light glows when headlamp is in high beam, or when pass switch is used.
9	Low fuel indicator ()	Light glows when the fuel quantity is low **(page 5-45)**.
10	Cruise control	Indicates the activation of cruise mode.
11	Phone battery status	Display battery status of smartphone on the meter console once your smartphone is paired with the vehicle via Hero app **(page 5-30)**.
12	Phone network strength	Display network strength of smartphone on the meter console once your smartphone is paired with the vehicle via Hero app **(page 5-31)**.

Sl. No.	Description	Function
13	Missed call alert	You will get all the missed call alert on the meter console once your smartphone is paired with the vehicle via Hero app **(page 5-30)**.
14	Message alert	You will get all the message alert on the meter console once your smartphone is paired with the vehicle via Hero app **(page 5-30)**.
15	Service reminder indicator ( )	Displays when the next service is due. **(page 5-6).**
16	Odometer	Shows accumulated distance travelled **(page 5-6).**
17	Engine coolant temperature indicator	Indicates the coolant temperature and warns when the coolant temperature is too high **(page7-12).**
18	Digital clock	Indicates hours and minutes **(page 5-8)**.
19	Traction control ( )	This feature allows you to identify the current traction control status in TFT display **(page 5-41)**.
20	Ambient light sensor	Controls the TFT display backlight and headlamp (when meter apperance is set to auto).

Sl. No.	Description	Function
21	Low oil pressure indicator ( )	If indicator glows while the engine is running, the engine oil pressure may be low. For details, see **page 5-45**. Visit Authorised Hero MotoCorp workshop.
22	Malfunction indicator lamp (MIL) ( )	If indicator glows while the engine is running, the vehicle may have a malfunction. For details, see **page 5-46**. Visit Authorised Hero MotoCorp workshop.
23	Side stand indicator ( )	Light glows when the side stand is down**.**
24	Anti-lock braking system (ABS) indicator ( )	If indicator glows continuously while the vehicle is moving above 5 km/h, the ABS system may have a malfunction. For details, see **page 5-46**. Visit Authorised Hero MotoCorp workshop.

(a) Odometer

The odometer (1) shows accumulated distance travelled.

The odometer can displayed from "0 to 999999" km.



(1) Odometer

(b) Fuel gauge

The fuel gauge (1) indicates approximate fuel available in the form of digital bar (2).

! CAUTION

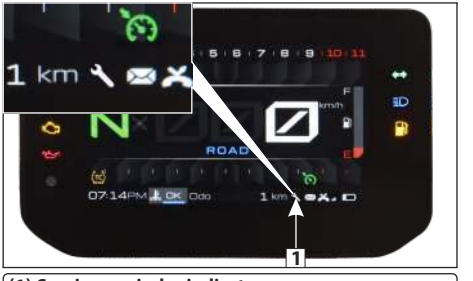
Ensure the vehicle is not used with low fuel indicator glowing continuously. It will not only result in the vehicle running out of fuel, but may also cause serious damage to the fuel pump. Ensure fuel is refilled as soon as the low fuel indicator starts glowing.



(1) Fuel gauge (2) Bar

(c) Service reminder indicator

The service reminder indicator (1) is to indicate the user to bring the vehicle to an Authorised Hero MotoCorp workshop for service.



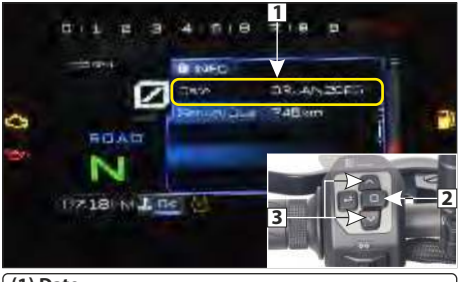
(1) Service reminder indicator

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.

(d) Date

Displays the day, month and year (1).

Short press the set button (2) and press the up/down button (3) until the “Date” is displayed.



(1) Date
(2) Set button
(3) Up/Down button

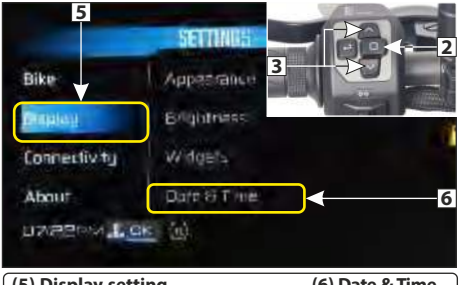
For date setting refer to the procedure below:

- Turn the ignition switch "ON" (⏻).
- Date will be adjusted in configurable menu.
- To open the settings (4) on the meter console, press and hold the set button (2).



(4) Settings

- Navigate to display setting (5) on the meter console by pressing the up/down button (3) and press the set button (2) to open the display setting.
- In display setting navigate to date and time setting (6) by pressing the up/down button (3) and press the set button (2) to open the date and time setting.



(5) Display setting **(6) Date & Time**

- In date and time setting navigate to date setting (7) on the meter console by pressing the up/down button (3) and press the set button (2) to open the date setting.



(7) Date setting

- To set the desired day (8), press up/down button (3) until the desired day is displayed.
- To set month (9), press the set button (2) to switch from day to month display. Now press the up/down button (3) until the desired month is displayed.
- To set year (10), press the set button (2) to switch from month to year display. Now press the press up/down button (3) until the desired year is displayed.
- To set the date press and hold the set button (2).



(8) Day **(9) Month** **(10) Year**

(e) Clock

Digital clock (1) shows hour and minute.



(1) Clock

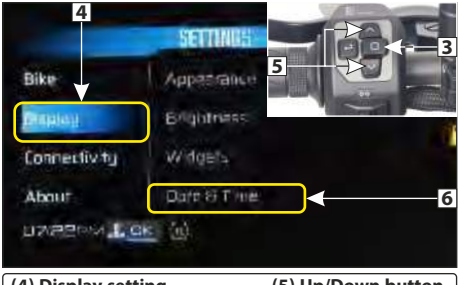
For clock setting refer to the procedure below:

- Turn the ignition switch "ON" ( ).
- Clock will be adjusted in configurable menu.
- To open settings (2) on the meter console, press and hold the set button (3).



(2) Settings **(3) Set button**

- Navigate to display setting (4) on the meter console by pressing the up/down button (5) and press the set button (3) to open the display setting.
- In display setting navigate to date and time setting (6) by pressing the up/down button (5) and press the set button (3) to open the date and time setting.



(4) Display setting **(5) Up/Down button**
(6) Date & Time

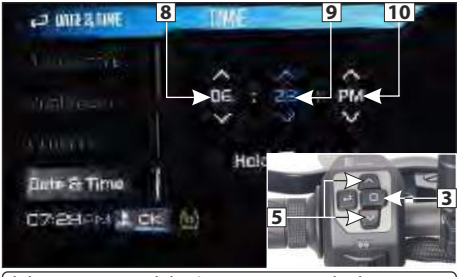
- In date and time setting navigate to time setting (7) on the meter console by pressing the up/down button (5) and press the set button (3) to open the time setting.



(7) Time setting **(5) Up/Down button**
(6) Date & Time

- To set the hour (8), press up/down button (5) until the desired hour is displayed.
  - The time is advanced by 1 hour each time the up/down button (5) is pressed.
  - The time advances fast when the up/down button (5) is pressed and held.
- To set minute (9), press the set button (3) to switch from hour to minute display. Now press the up/down button (5) until the desired minute is displayed.
  - The time is advanced by 1 minute each time the up/down button (5) is pressed.
  - The time advances fast when the up/down button (5) is pressed and held.

- To change AM-PM (10), press the set button (3) to switch from minute to AM-PM display. Now press the press up/down button (5) to select the AM-PM.
- To set the clock press and hold the set button (3).



(8) Hour (9) Minute (10) AM-PM

NOTE

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

(f) Tripmeter

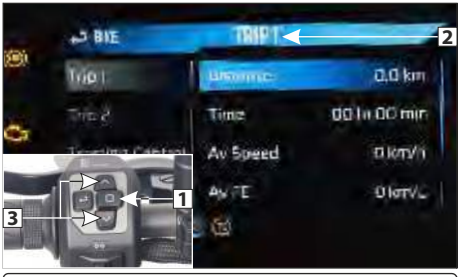
The tripmeter shows distance travelled since trip meter was reset last time. There are two tripmeters, "Trip1" and "Trip2".

Short press the set button (1) on the handlebar to view "Trip1" (2) display.

Press the up/down button (3) to select "Trip2" (4).

"Trip1" and "Trip2" can be displayed up to "999.9" km.

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



(1) Set button (2) Trip1 (3) Up/Down button



(4) Trip2

Press the set button (1) to view the following tripmeter parameters:

- **Distance (5):** distance covered in a trip.
- **Trip time (6):** time taken to complete a trip.
- **Avg speed (7):** average speed at which vehicle completes a trip.
- **Avg fuel consumption (FE) (8)**: average fuel consumption at which vehicle covers the trip distance.

- To view the above parameters press up/down button (3).

When tripmeter sub menu is selected, long press (more than 2 seconds) the set button (1) to reset tripmeter to zero.



(5) Distance (6) Time (7) Average speed
(8) Average fuel consumption

(g) Real time mileage indicator (RTMI)

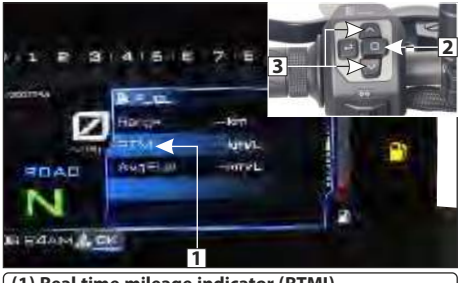
The real time mileage indicator (RTMI) (1) shows the current mileage of the vehicle in km/litre. Initial reading is displayed within 10±3 seconds of starting the engine, and is refreshed after every 3±2 seconds.

Short press the set button (2) and press the up/down button (3) until the "RTMI" is displayed.

When the ignition switch is turned "ON" (Ω) position, the real time mileage indicator will temporarily show the digit "---.- km/l" which indicates that all the digital segments are working. The display range is from (0 to 120 km/litre).

The fuel consumption shall be displayed when the speed of the vehicle is more than 5±2 km/hr. If the speed is less than 5±2 km/hr "---.-" shall be displayed.

The RTMI shows a minimum value of 0.0 km/litre and maximum value of 120 km/litre. During coasting with throttle fully closed, the fuel consumption is very minimal and hence the display can go up to 120 km/litre.

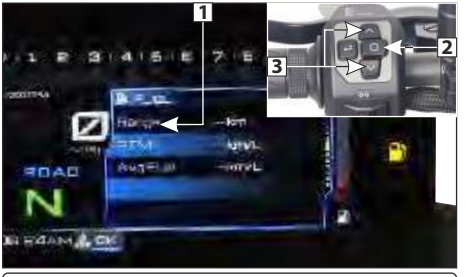


(1) Real time mileage indicator (RTMI)
(2) Set button
(3) Up/Down button

(h) Distance to empty (DTE)

Distance to empty indicator "RANGE" (1) shows how many kilometres are left before the complete fuel is consumed in the fuel tank while riding.

Short press the set button (2) and press the up/down button (3) until the "RANGE" is displayed.



(1) Distance to empty
(2) Set button
(3) Up/Down button

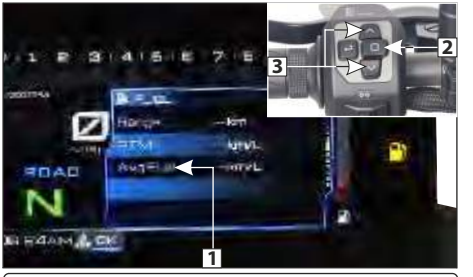
NOTE

In low fuel condition, range value will not be displayed.

(i) Average fuel economy

Displays the average fuel economy "Avg Fuel" (1) of the vehicle based on the performance over a period of time and distance. This data is linked to the range (DTE) value, and will only be shown when range is being displayed.

Short press the set button (2) and press the up/down button (3) until the "Avg Fuel" is displayed.



(1) Ave Fuel (2) Set button
(3) Up/Down button

(j) Service due

Indicates how many kilometres are left before the next service is due (1). Short press the set button (2) and press the up/down button (3) until the "Service due" is displayed.



(1) Service due (2) Set button
(3) Up/Down button

(k) Ride Modes

Your vehicle is equipped with four selectable Ride Modes, which allow you to tailor the vehicle's performance characteristics to their environment.

Each mode is carefully mapped to suit specific riding conditions:

- **RAIN Mode:** Provides the most conservative, safety-focused settings. It utilizes the "Rain" throttle map and "Rain" traction control settings. Manual deactivation of Traction Control is not available in this mode.
- **ROAD Mode:** Designed for everyday street riding. It utilizes the "Road" ABS setting, "Road" throttle response, and "Road" traction control.
- **SPORT Mode:** Delivers a sharper, more responsive ride for open roads, utilizing the "Sport" throttle map and "Sport" traction control setting.

⚠ WARNING

Obey all traffic rules at all times when riding on public roads and highways.

- **TRACK Mode:** Delivers the most aggressive configuration for closed-circuit riding. It uses the "Sport" throttle map, "Track" traction control, and a "Track" ABS setting that explicitly turns the Rear ABS OFF.

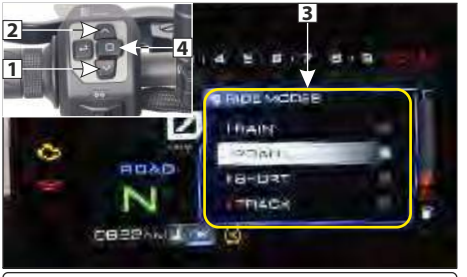
⚠ WARNING

Track mode is designed for use on closed tracks only. Do not use track mode on public roads and highways.

System	RAIN Mode	ROAD Mode	SPORT Mode	TRACK Mode
Anti-Lock Braking System (ABS)	Road			Track (Rear ABS Off)
Throttle Map (Response)	Rain	Road	Sport	
Traction Control (TC)	Rain	Road	Sport	Track
Manual TC Deactivation	Option Not Available	Selectable via Menu **(page 5-19)**		

How to Change Ride Mode

- **Select a Mode:** Long press the down (Mode) button (1) of home screen navigator control to enter ride mode screen (3) and change the mode by pressing the up button (2)/down button (1) to set the desired mode press set button (4).
- **Adjust Traction Control within Modes:** While in ROAD, SPORT, or TRACK modes, you have the option to turn the Traction Control OFF via the cluster menu.



(1) Down (Mode) button (2) Up button
(3) "STATS" screen (4) Set button

NOTE

As a safety precaution, changing the ride mode during active cruise control is not permitted.

(I) Stats

This module shows the top speed, 1/4 miles time, 0-60 time, and 0-100 time whenever the vehicle starts moving from standstill.

Use up/down (1) buttons to navigate to the STATS screen (2).



(1) Up/Down button (2) "STATS" screen

This window shows three stats:

- **Top Speed (in km/h):**
  Displays the top speed attained during a ride.
- **1/4 Miles Timer (in seconds):** Displays time taken to cover 400±5 meters, whenever starting from standstill (0 km/h). This stat is only recorded when vehicle covers 400±5 meters within 25 seconds. The reading will remain "0:0s" if it takes more than 25 seconds to cover the specified distance.
- **0-60 km/h Timer (in seconds):**
  Displays time taken to reach 60 km/h, whenever starting from standstill (0 km/h). This stat is only recorded when vehicle reaches 60 km/h within 6 seconds. The reading will remain "---" if it takes more than 6 seconds to achieve the specified speed.
- **0-100 km/h Timer (in seconds):** Displays time taken to reach 100 km/h, whenever starting from standstill (0 km/h). This stat is only recorded when vehicle reaches 100 km/h within 12 seconds. The reading will remain "---" if it takes more than 12 seconds to achieve the specified speed.

The attained value for both these timers will be erased whenever battery is in "OFF" condition, and will reset to 0.0s when battery is back in "ON" condition.

NOTE

Long press the set button to reset all the stats parameter.

(m) Drag timer

This feature measures and displays the time taken by the vehicle to travel a distance of 1/4 miles (402 meters) when starting from standstill. Use up/down (1) buttons to navigate to the Drag Timer screen (2), and short press set button (3) to enter drag timer screen.



(1) Up/Down buttons **(2) Drag timer screen**
(3) Set button

Conditions of drag timer:

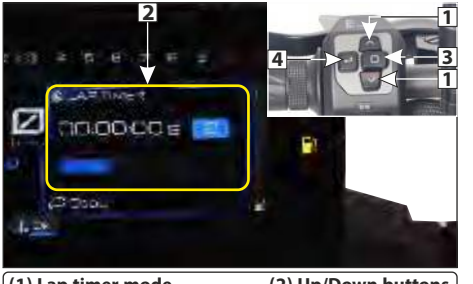
- Vehicle should start from standstill. The timer starts automatically as soon as vehicle speed becomes more than or equal to 1 km/h.
- If vehicle covers the distance of 1/4 miles within 25 seconds, drag timer screen will display the time taken. It will store the time in stats screen when used for the first time, and will update the time whenever the record is broken.
- If vehicle fails to cover the distance 1/4 miles within 25 seconds then "--:--:-- s" will be displayed in Drag Timer screen.

The stored drag timer record can be reset from the performance stats screen **(page 5-14)**.

(n) Lap timer

The Lap Timer feature enables the driver to measure lap times during track sessions or controlled driving environments. It provides start/stop control, lap recording, and real-time display of performance metrics to support driving analysis.

Use up/down (1) buttons to navigate to the Lap Timer screen (2), and short press set button (3) to enter lap timer screen.



(1) Lap timer mode **(2) Up/Down buttons**
(3) Set button **(4) Back button**

- Screen will perform a countdown from 5 to 1, and start lap one.
- Press set button (3) to stop current lap and start next lap. Lap timer mode can record a maximum of 30 laps.

- Pressing back button (4) while lap timer is active will exit the lap timer mode. Selecting lap timer mode again will initiate the countdown and restart the current lap from 00:00:00.
- Keeping set button (3) pressed will pause the current lap time. Releasing and then keeping the set button (3) pressed for a second time will reset the lap timer mode, erasing all stored laps from the current run.

(o) Tyre Pressure Monitoring System (TPMS)



(1) TPMS

TPMS is an advanced technology designed to monitor tyre pressure and temperature in real-time. The system utilizes Bluetooth Low-Energy for efficient communication between tyre sensors and vehicle's meter console. This setup enhances safety and performance by providing drivers with timely alerts about tyre conditions, helping prevent issues like blowouts or decreased fuel efficiency.

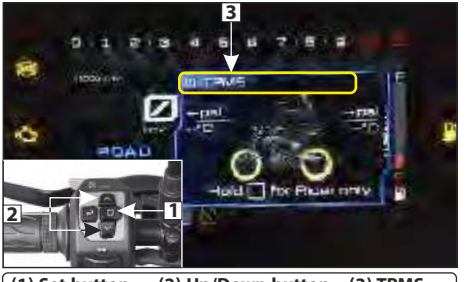
Short press the set button (1) and press the up/down button (2) until "TPMS" (3) is displayed.

TPMS displays "--" for both temperature and pressure when the ignition switch is turned "ON". The sensors in the tyres activate after running above 10 km/h.

NOTE

It may take a few minutes of riding above 10 km/h for TPMS to display the values. The values keep updating every 3 minutes when riding above 10 km/h. If speed drops below 10 km/h, the screen will show the last received value for 10 minutes, and then display "--". The sensor will reactivate when vehicle speed goes above 10 km/h again.

When TPMS is selected, long press (more than 2 seconds) the set button (1) to switch between "rider only" and "pillion" screens.



(1) Set button (2) Up/Down button (3) TPMS

⚠ WARNING

The TPMS system is designed to work only with the tyres that match the recommended tyre specifications (page 4-2).

TPMS colour indication	
Black	Tyre pressure and temperature within normal range 
Red	Tyre pressure or temperature outside normal range 
Amber	No data is being received from TPMS sensor(s), or there is an fault in TPMS. 

Tyre Pressure Monitoring System (TPMS) Alerts



(1) Pop-up message

The following alerts can pop up for front, rear, or both tyres:

- **Low Pressure Alert (Red)**

Inflate the affected tyre to the recommended pressure.

NOTE

Always adjust pressure when the tyre is "cold". Continual pressure loss may indicate a slow puncture or valve leak.

- **High Pressure Alert (Red)**

Deflate the affected tyre to the recommended pressure.

CAUTION

Only remove air when the tyre is cold. Never bleed air from a hot tyre to correct a high-pressure reading; doing so will result in dangerous under-inflation once the tyre cools down.

- **Puncture Detected Alert (Red)**

Pull over as soon as it is safe to do so. Have the tyre repaired or replaced at the nearest Authorized Hero MotoCorp workshop.

CAUTION

- ***Riding on a deflated tyre reduces handling and stability, which can lead to a crash. Do not ride on a flat tyre, as it will cause irreversible damage to the wheel rim.***
- ***Inform the technician that tyre pressure sensors are installed on the wheels before they remove the tyres.***

- **High Temperature Alert (Red)**

Safely pull over or significantly reduce your speed to allow the tyre to cool naturally.

WARNING

- ***Extreme heat degrades the rubber compound. Continuing to ride with an overheated tyre can cause tyre damage, or a catastrophic blowout in extreme cases.***
- ***Allow the tyre to cool naturally. Never pour water on wheels or brakes to cool them down.***

NOTE

High tyre temperatures are generally caused by under-inflation or a dragging brake. Keep tyres properly inflated and inspect brakes regularly, or visit your authorized Hero MotoCorp ***workshop for an inspection.***

- **Sensor Error Alert (Amber)**

The system cannot retrieve data from the sensor(s), or there is an fault in TPMS. Visit an authorized Hero MotoCorp workshop for sensor inspection or replacement.

- **Sensor Low Battery Alert**

The internal battery of the TPMS sensor is running low. Visit an authorized Hero MotoCorp workshop to have the sensor battery replaced.

NOTE

Each TPMS sensor uses a coin cell (CR1632).

(p) TFT setting

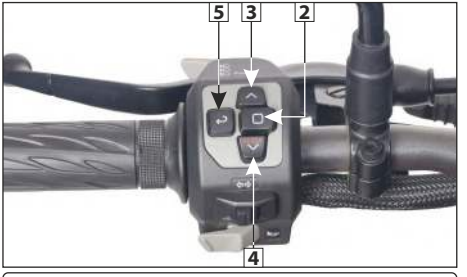
Turn the ignition switch to "ON" (⟳) position.

To open the setting (1) on the meter console press and hold the set button (2) on the handlebar.

There are different settings which can be configured by the user according to the preference.

User can navigate through the settings by using up button (3) or down button (4).

To select the setting press set button (2) and to come out from the setting press back button (5) on the handlebar.



(2) Set button	(3) Up button
(4) Down button	(5) Back button

Meter console display the following features:

1. Bike setting

Open the bike setting (1) by press and hold the set button (2).

User can view:

(a) Trip1 & 2

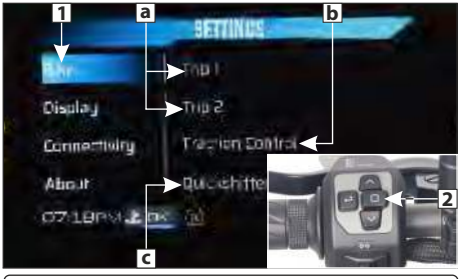
User can view trip 1 & 2 distance, trip time, average speed and average fuel consumption (FE). User can reset the tripmeter by press and hold the set button on the handlebar.

(b)Traction control

User can turn traction control "ON" or "OFF" refer **page 5-41**.

(c) Quickshifter

User can turn quickshifter "ON" or "OFF" refer **page 5-23**.



(1) Bike setting	(2) Set button
(a) Trip1 & 2	(b) Traction control
(c) Quickshifter	

(d) Speed alert

User can turn speed alert "ON" or "OFF". To set the speed alert refer **page 5-24.**



(d) Speed alert	(e) Battery

(e) Battery

User can view the vehicle's battery voltage.

2. Display setting

To customize the meter console user can select from different display settings (1).

User can view:

- **Appearance**
- **Brightness**
- **Widgets**
- **Date & Time**
- **Units**



(1) Display setting

a. Appearance

Appearance (1) feature allows the user to change the TFT display theme. Select the display mode of cluster from the option of day and night or auto.

Changing TFT appearance also changes headlamp behaviour **(page 5-35).**



(1) Appearance mode

b. Brightness

Brightness (1) feature allows the user to adjust the brightness level of the TFT display. Select the display mode of cluster from the option of auto, low, medium and high.



(1) Brightness mode

c. Widgets

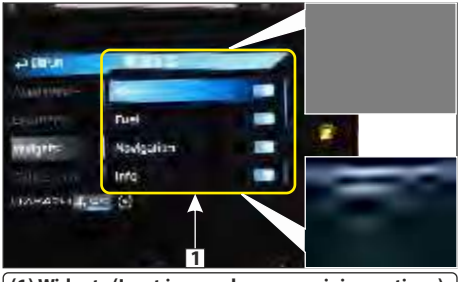
Widgets (1) feature allows the user to customize the TFT screen.

- **Music**
- **Fuel**

c. Widgets

Widgets (1) feature allows the user to customize the TFT screen.

- Music
- Fuel
- Navigation
- Info
- Trip 2
- TPMS
- Vehicle Stats
- Drag Timer
- Lap Timer



(1) Widgets (Inset image shows remaining options)

NOTE

It is recommended to note down the FrontMAC and RearMAC values.

d. Date and time

- **Date setting-** User can set the date **(page 5-7).**
- **Time setting-** User can set the time **(page 5-8).**
- **Time format-** User can change the time format between 24 hour or 12 hour.



(1) Date & Time setting

e. Units

- **Distance-** Any distance (1) which is displays on the meter console are shown in kilometers (km) or miles.
- **Fuel consumption-** When distance unit is set to km, fuel consumption (2) unit can be set to L/100 km or Km/L. When distance unit is set to Mi, fuel consumption unit can be set to L/100 Mi or Mi/L.



(1) Distance **(2) Fuel consumption**

3. Connectivity setting

User can connect meter console with bluetooth.



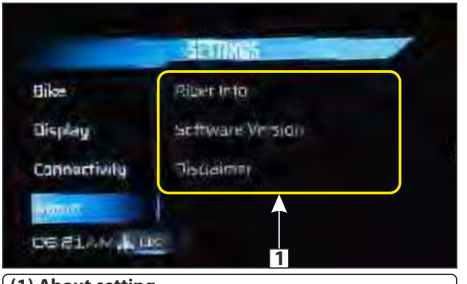
(1) Connectivity setting

4. About

a. Rider info- User can view the rider information which is stored through the App.

b. Software version- User can view the meter console current software version.

c. Disclaimer- User can view the disclaimer about the meter console.



(1) About setting

FEATURES

(a) Gear & Shift indication

Indicates current gear position (1) of your vehicle in which it is running and assists the rider to shift gear for achieving optimum fuel efficiency and best ride experience based on your vehicle engine performance.

It displays following riding instructions :

- **Shift up indicator (2):** it recommends shifting to higher gear.
- **Shift down indicator (3):** it recommends shifting to lower gear



(1) Gear indicator (2) Shift up indicator
(3) Shift down indicator

NOTE

- ***Gear indicator displays "N" when your vehicle is in neutral.***
- ***It is recommended to ride your vehicle as per road and traffic conditions.***

(b) Quickshifter

Your vehicle comes equipped with a quickshifter, which offers multiple benefits for performance and daily riding:

Enhanced comfort: By eliminating the need to manually actuate the clutch and release/blip throttle for every gear change, the quickshifter drastically reduces hand fatigue. Furthermore, it works seamlessly in tandem with the cruise control system; shifting gears using the quickshifter allows your cruise control to remain active, making highway overtakes and speed management exceptionally smooth and effortless.

Seamless shifting: The system allows for uninterrupted gear transitions, delivering smoother and more consistent acceleration.

Rider focus: With less physical input required for gear changes, the rider can maintain a firmer grip on the handlebars and focus entirely on the road and their riding line.

WARNING

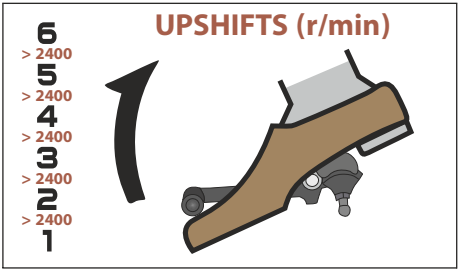
Do not apply any foot pressure on the gear shifter while riding, unless you want to perform a gearshift. This can inadvertently trigger the quickshifter, resulting in an unexpected loss of torque.

WARNING

Mandatory gear learning: To ensure the quickshifter functions properly, a quickshifter learning procedure must be performed at your nearest Hero MotoCorp ***workshop if the ECU, gear position sensor, or gear drum is replaced, or if any engine work is performed.***

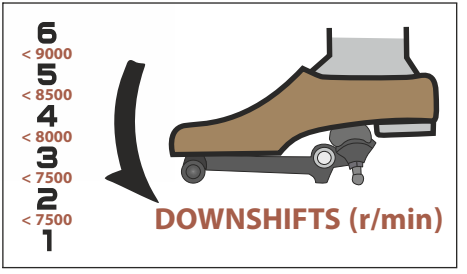
The quickshifter operational range is designed to protect your engine and transmission:

Upshifts: Clutch less upshifts (1st through 6th gear) can be executed only when engine speed is greater than 2400 r/min.



Downshifts: Clutch less downshifts can be executed when the engine speed is below specific limits to prevent over-revving:

- **6th to 5th gear:** less than 9000 r/min.
- **5th to 4th gear:** less than 8500 r/min.
- **4th to 3rd gear:** less than 8000 r/min.
- **3rd to 2nd gear and 2nd to 1st gear:** less than 7500 r/min.



Enable/Disable Quickshifter

Enable/Disable: Navigate to the instrument cluster settings and toggle the quickshifter ON or OFF.

WARNING

When the quickshifter is deactivated through the instrument cluster, the clutch must be fully actuated manually to perform all gear shifts.

(c) Speed Alert

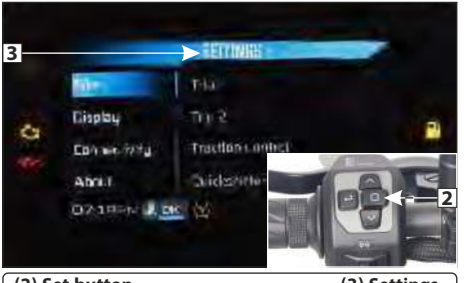
Your vehicle is equipped with a customizable speed alert feature. Whenever vehicle speed crosses this value, a "Warning: High Speed" popup (1) will appear on the meter console.



(1) "Warning: High Speed" popup

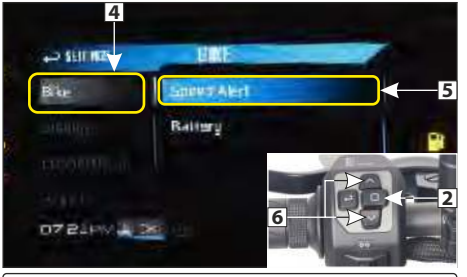
To set the speed alert value:

- Press and hold the set button (2) to open settings (3).



(2) Set button **(3) Settings**

- Select the bike setting (4) on the meter console by pressing the set button (2).
- In bike setting navigate to speed alert (5) by pressing the up/down button (6) and press the set button (2) to open the speed alert.



(4) Bike setting **(5) Speed alert**
(6) Up/Down button

- Press the up/down button (6) to set the speed limit above which you want the alert to popup. Press and hold the set button (2) to set the speed limit (7).



(7) Set speed limit

Speed alert should be set according to the current riding conditions. Depending on the units setting (Km or miles) **(page 5-21)**, the speed alert can be set between following values:

- KM - 60 to 199
- Miles - 37 to 123

(d) 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 and 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.

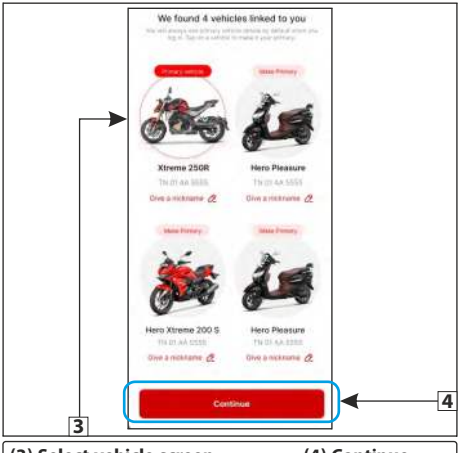
NOTE

- ***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.***



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

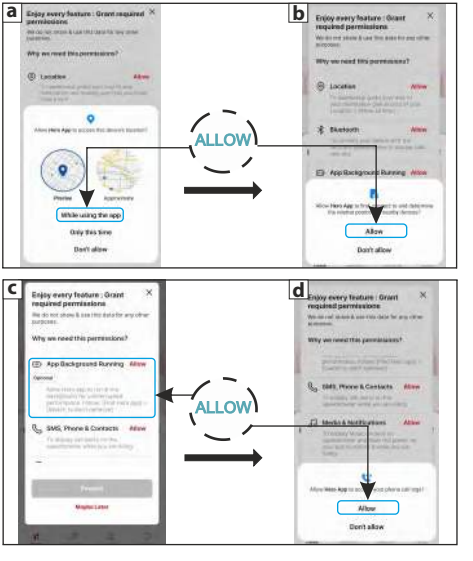
- After successful verification, select vehicle screen (3) will be replicated on mobile screen. Tap on the vehicle image to continue.

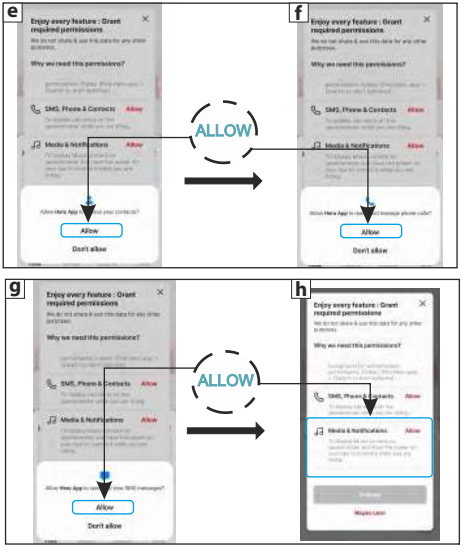


(3) Select vehicle screen **(4) Continue**

- Select the vehicle and click on "Continue" (4).
- 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.
h. Media & notification.



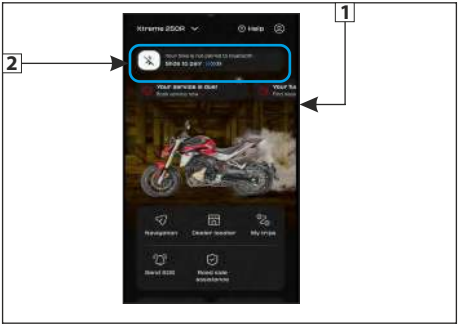


Bluetooth:

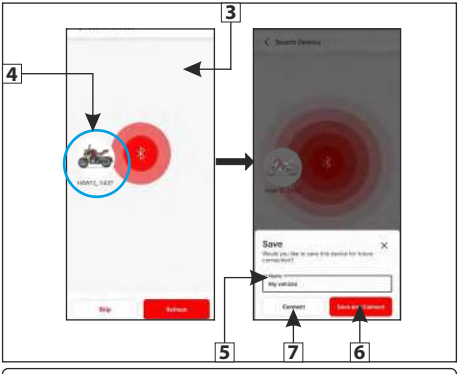
Your vehicle is equipped with bluetooth connectivity feature by which you can pair your smartphone with the meter console of your **XTREME 250R** vehicle through Hero App.

After successful login to Hero App **(page 5-25)** To connect your device to bluetooth proceed as follows:

- After selecting the vehicle, user can view the Dashboard (1) with 'Slide to pair' tab visible.
- After sliding the 'Slide to pair' (2) tab.

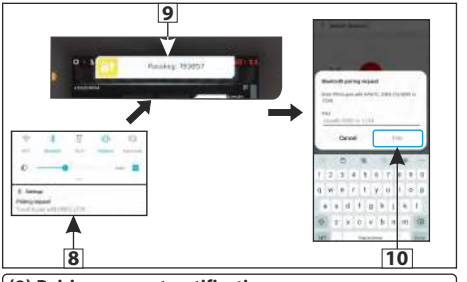


(1) Dashboard **(2) Slide to pair**



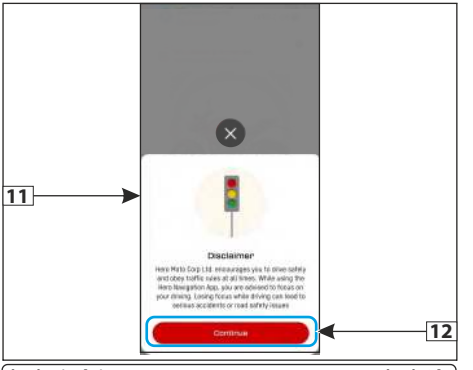
(3) Bluetooth searching screen
(4) Select the device **(5) Update your name**
(6) Save and connect **(7) Connect**

- User will be redirected 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.
- Now application will send pairing request notification (8). Click on the notification.
- Now meter console will display pairing pin (9).
- Enter the pin in application screen and select "Pair" (10).

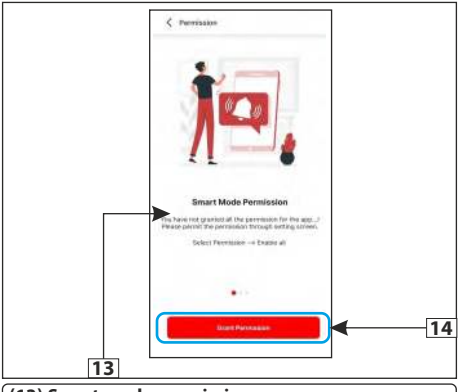


(8) Pairing request notification
(9) Pin **(10) "Pair"**

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



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



(13) Smart mode permission
(14) Grant permission

- Now application asks the user to give the smart mode permission (android) (13) for DND mode, where phone will switch to vibrate mode from ringing.
- After granting permission (14) user will be able to access the DND feature.
- On pairing, meter console displays “Phone Connected” (15).



(15) Phone Connected

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 needs to be running in the background and bluetooth must be “ON”.***
- ***For iOS devices, unpair the vehicle from the Hero App and then pair again if any feature does not function properly.***

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 5-27)**, then you will get all the incoming calls alerts with caller name (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”.



(1) Incoming call alert by name
(2) Set button **(3) Back button**

Incoming calls can be accept by pressing set button (2) and can be rejected by pressing back button (3).

If the number is not saved in your device by name then it will display "Unknown" (4).



(4) Incoming call alert by unknown number

- **Missed call alert**

When your smartphone is paired with the meter console of your vehicle via bluetooth **(page 5-27)**, then you will see missed call alerts (1) on the meter console.



(1) Missed call alert

- **Message alert**

When your smartphone (android) is paired with the meter console of your vehicle via bluetooth **(page 5-27)**, then you will get all the message alerts (1) on the meter console.



(1) Message alert

- **Phone battery status**

When your smartphone is paired with the meter console of your vehicle via Bluetooth **(page 5-27)**, then it will display phone battery status (1) of your smartphone on the meter console.



(1) Phone battery status

- **Phone network strength**

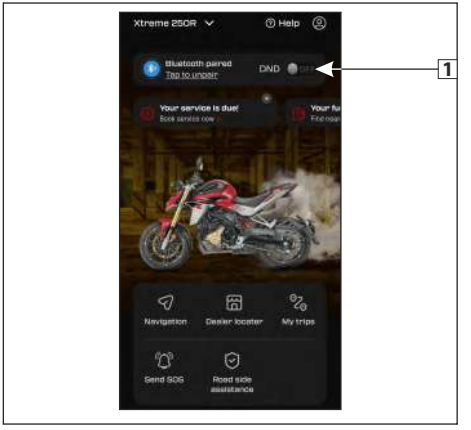
When your smartphone is paired with the meter console of your vehicle via bluetooth **(page 5-27)** then phone network strength (1) of your smarphone will be displayed on the meter console and in dashboard of Hero App (2). For iOS (16 and above), phone network strength may vary from actual strength.



(1) Phone network strength on meter console

- **Do not disturb (DND) mode**

When your smartphone is paired with the meter console of your vehicle via bluetooth **(page 5-27)**, then you can switch "ON" the DND mode (only on android) (1) in which your smartphone will be on vibrate mode and if you receive any call, an SMS will be triggered and sent to the caller stating **"I'm riding bike, Please call me later".**

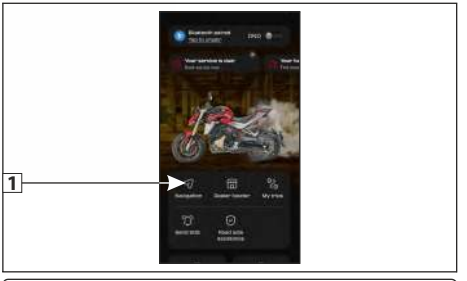


(1) DND mode on Hero App

- **Navigation**

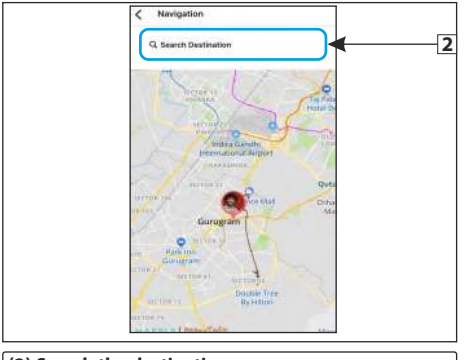
To use navigation feature proceed as follows:

- Connect your vehicle with your Hero App via bluetooth **(page 5-27)**.
- Click on navigation (1) in the dashboard of Hero App.



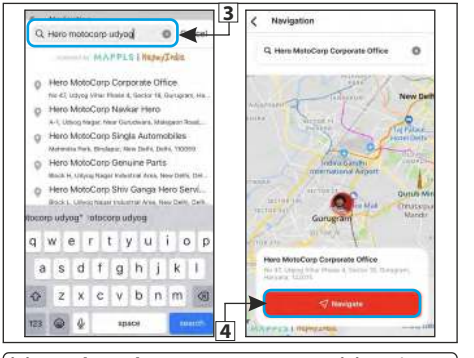
(1) Navigate on Hero App

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



(2) Search the destination

- Application shows the search result (3) of the addresses, User can select the address to find and check the route.
- Once route is found, user has to click on 'Navigate' (4) and the route suggestion will show in the map.



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

- Now user can view the turn by turn navigation in navigation on meter console of the vehicle.
- After clicking on navigate, meter console will display the direction (5), distance for next move (6) and estimated time of arrival (ETA) (7). 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 10-1)**.



(5) Direction (6) Distance for next move
(7) ETA

NOTE

At any point, if Navigation system loses signal, then it displays "NO SIGNAL" on meter console when vehicle is in navigation mode.

WARNING

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

- **Music**

When your smartphone is paired with the meter console of vehicle via bluetooth **(page 5-27)**, it will display music information on the music screen (1) which is playing on your smartphone.

Short press the set button (2) and press the up/down button (3) until the music screen is displayed.



(1) Music screen (2) Set button
(3) Up/Down button

- There are two screens under music screen:

1. Music Control Screen (4)-

Press set button (2) to enter into music control screen. Displays song title, artist name play/ pause status.

- Press up/down button (3) to play previous/ next music track.
- Short press set button (2) to play/pause the music.

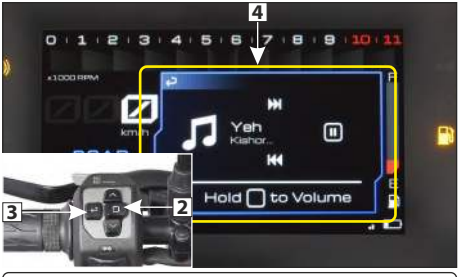
Long press set button (2) to enter into music volume screen (5).

2. Music Volume Screen (5)-

Displays volume up, down, mute.

- Press up/down button (3) to play increase/ decrease music volume.
- Short press set button (2) to mute the music.

Press back button (6) to return to music control screen (4).



(4) Music control screen



(5) Music volume screen (6) Back button

NOTE

In iOS, Hero App must be actively running for all features to work as intended. If app is closed, some features will not function. However, music, incoming call alert, and message alert features will continue to function.

(e) Panic brake signal system

The panic break signal system is a safety feature to alerts the traffic behind by activating the hazard light when brakes are applied rapidly and severely.

- The system is activated when (vehicle speed is more than 50 km/h and the vehicle deceleration is more than or equal to programmed threshold for activation).
- The system shall be de-activated when (the vehicle deceleration has fallen below programmed threshold for deactivation).

NOTE

- ***Sometimes during panic or hard braking, the lamp can glow for a few seconds and then go "OFF" when the vehicle returns to normal state.***
- ***If the lamp glows continuously when the engine is "ON", stop immediately, switch "OFF" the engine, and contact an authorised*** Hero MotoCorp ***workshop.***

(f) Safe mode

Your vehicle has a safety feature called Safe mode. It helps you get to a safe place if the throttle stops working.

This mode turns on automatically if there is a problem with the throttle. You will know it's on if turning the throttle grip does not change the engine speed (when engine is "ON"). The MIL (1) will also turn "ON".



(1) Malfunction indicator lamp (MIL)

How to Ride in Safe Mode:

- Start the engine.
- Pull in the clutch and shift into 1st gear.
- Slowly release the clutch. Do NOT turn the throttle grip. The engine will automatically set a low, steady speed.
- Shift gears according to the road and load conditions.
- To stop, pull in the clutch and apply the brakes.

⚠ WARNING

- ***Ride at Slow Speeds Only: This is an emergency mode. For your safety, you must maintain a slow and careful speed at all times.***
- ***Get Help Immediately: When this mode activates, ride directly to the nearest authorized workshop. If you are unable to, pull over in a safe location and call for assistance.***

⚠ WARNING

Select Gears as Needed: Use the clutch and shift gears as you normally would, without turning the throttle grip. Be sure to select the correct gear for the riding conditions, such as using a lower gear when riding up a hill or a flyover.

(g) Steering lock

Steering lock is a part of ignition switch. Turn the key (1) to "OFF" position (⊗), then turn the handlebar completely towards left or right. Push the key into the ignition switch and turn it towards "lock" position. After locking, remove the key from ignition switch.



(1) Ignition key

HANDLEBAR SWITCHES CONTROL

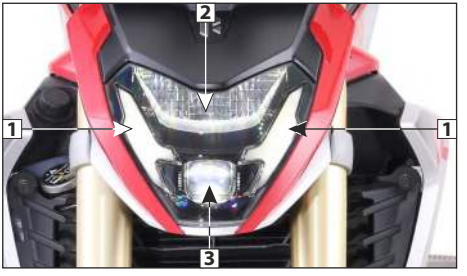
Left handlebar controls

1. Headlamp dimmer/Pass switch

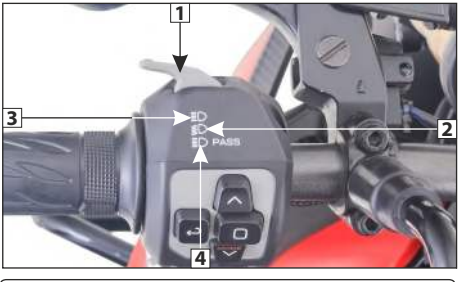
The headlamp operates when PASS switch is pressed, or when the engine is running and meter appearance is set to night mode.

The headlamp auto ON/OFF via ambient light sensor can be activated by setting the meter appearance.

To change meter appearance refer **page 5-20**.



(1) Position lamp/Daytime running lamp (DRL)
(2) Low beam
(3) High beam



(1) Headlamp dimmer switch
(2) **(3)** **(4) PASS**

- **Ignition switch "ON" with engine "OFF"**

When the ignition switch is turned "ON" and the engine in "OFF", the DRL/position lamp will turn "ON", while low beam and high beam will stay "OFF". Pressing the PASS switch will turn DRL/position lamp, high beam, and low beam "ON"for as long as the pass switch stays pressed.

NOTE

Avoid using the " PASS" switch when the engine is "OFF", as it will drain the battery.

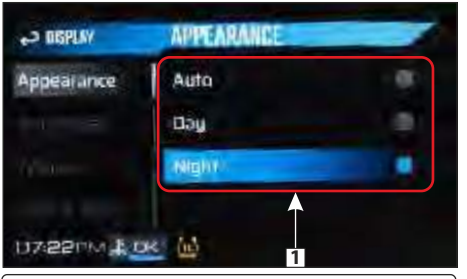
- **Engine "ON"**

When the engine is turned "ON", the DRL, low, and high beams behave in the following manner:

Meter Appearance Setting	Switch Position	DRL/ Position Lamp	Low Beam	High Beam
Day	PASS	ON	ON	ON
	LOW	ON	OFF	OFF
	HIGH	ON	OFF	OFF
Night	PASS	ON	ON	ON
	LOW	ON	ON	OFF
	HIGH	ON	ON	ON

Meter Appearance Setting	Switch Position	DRL/ Position Lamp	Low Beam	High Beam
Auto	PASS	ON	ON	ON
	LOW	ON	Auto*	OFF
	HIGH	ON	Auto*	Auto*

*Headlamp illuminates as per the ambient lighting conditions around the vehicle.



(1) Appearance mode

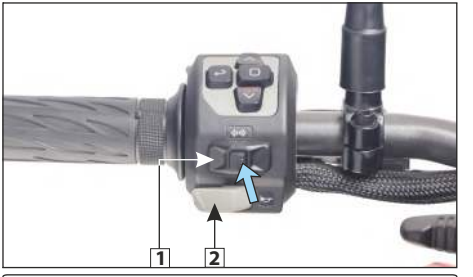
2. Turn signal lamp switch (⇦ ⇨)

Shift the turn signal switch (1) 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 the switch inside.

3. Horn switch (📯)

Press the switch to operate the horn (2).



(1) Turn signal switch (3) Horn switch

4. Clutch switch

There is a clutch switch (1) provided for the safety of the rider. The vehicle cannot be started by electric starter switch until the clutch lever is operated when the vehicle is engaged in gear.

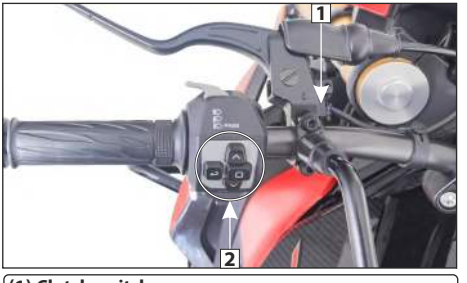
5. Home screen navigator control

The home screen navigator control (4) is used to operate the following functions of the meter console:

- **Up button–** Scroll the meter console from the bottom to the top.
- **Down button–** Scroll the meter console from the top to the bottom.
- **Back button-** Press the back button to go back to the previous menu and to reject the incoming call.
- **Set button–** Press to confirm selection, accept the incoming call, play/pause the music.

⚠ WARNING

- ***It is recommended to use home screen navigator control when the vehicle is in stand still condition.***
- ***Home screen navigator control assists you to control the meter console home screens, don't be distracted while riding.***



(1) Clutch switch
(2) Home screen navigator control

Right handlebar controls

1. Integrated start-kill switch

(a) Electric starter operation (⚡)

Press the electric starter (⚡) (1) of integrated start-kill switch (2) downwards to start the vehicle. Ensure the electric starter operation is done when the vehicle transmission is in neutral. If the vehicle is engaged in gear, press the clutch lever before electric starter (⚡) operation. Release switch after the engine has started.

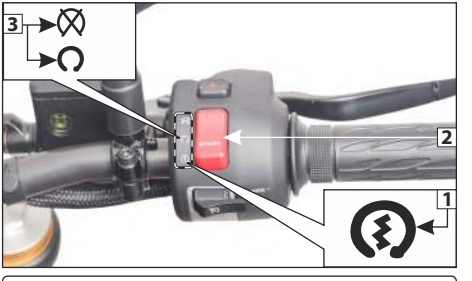
! CAUTION

Never hold electric starter (⚡) of integrated start-kill switch continuously for more than 5 seconds as continuous cranking of engine will discharge the battery.

(b) Engine stop switch operation

For engine stop operation (3) integrated start-kill switch (2) has two positions. In "ON" (○) position, engine will operate and in "OFF" (⊗) position, engine will not operate.

The prime function of it is to stop the engine during emergency (Vehicle tip over, throttle stuck etc.). The switch should normally remain in "ON" (○) position. During emergency, put the switch to "OFF" (⊗) position.



(1) Electric starter
(2) Integrated start-kill switch
(3) Engine stop (ON/OFF)

WARNING

While riding the vehicle in normal condition, do not press the "Integrated start-kill switch to "OFF" (⊗) position to avoid any damage (Wheel locking leading to accident, part damage, battery discharge etc.).

2. Hazard switch (⚠)

Press the hazard switch (1) in ignition "ON" condition whenever your vehicle becomes a temporary hazard for other road users and it is necessary to park the vehicle due to breakdown or other unavoidable problems.

Upon pressing the hazard switch, all turn signal lamps start flashing simultaneously to warn other road users behind you of a hazard or obstruction ahead.

To turn "OFF" the indicator lamps in hazard switch "ON" condition, press the hazard switch again.



(1) Hazard switch

NOTE

Use hazard lights only when your vehicle becomes a temporary hazard for other road users.

3. Cruise control switch

Your vehicle comes equipped with cruise control, which offers multiple benefits:

Enhanced comfort: while riding on open roads or highways, you can maintain consistent vehicle speed and have a relaxed journey.

Reduce fatigue: the system requires no regular input from you, which results in reduced overall fatigue.

Speed adjustment: while cruise control is engaged, you can easily fine-tune the riding speed using a single switch.

Fuel efficiency: while cruise control is engaged in the recommended gear for the currently set speed, you can obtain the maximum fuel efficiency.

WARNING

Cruise control must only be used when you can safely maintain a steady speed. Do not use it in heavy traffic, on roads with sharp bends, on hilly gradients, or when the road surface is slippery. Using cruise control in these conditions can lead to a loss of vehicle control and may result in an accident.

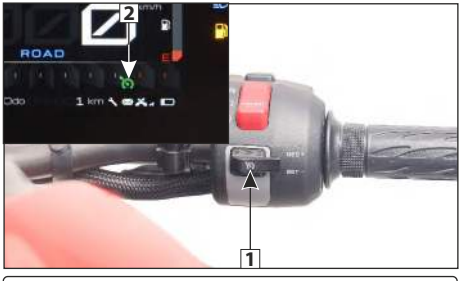
WARNING

- ***Cruise control is designed for usage during regular riding only. Any unconventional usage may result in erratic behaviour. If any concern is observed during regular riding, visit your nearest*** Hero MotoCorp ***workshop for assistance.***
- ***Always have your hands on the steering handlebars when riding, with full attention on the road. Even with cruise control active, you need to be prepared to take over instantly.***

The cruise control switch (1) is a multifunctional switch that can be pressed in, pushed up, and pushed down to perform various functions.

Enable Cruise Control Mode

Press the cruise control switch (1) once to enable cruise control mode. The cruise control indicator (2) will start flashing.



(1) Cruise control switch
(2) Cruise control indicator

NOTE

The cruise control function will not activate if there is any malfunction in the stop lamp switch or other critical sensors. Visit your nearest Hero MotoCorp ***workshop for assistance.***

NOTE

The ride mode cannot be changed when cruise control is active.

NOTE

- ***Cruise control speed can only be set when following conditions are met:***
  - ***Vehicle is in 3rd, 4th, 5th or 6th gear.***
  - ***Vehicle speed is more than 30 kmph, but less than 130 kmph.***
  - ***Engine speed is more than 2200 r/min, but less than 9500 r/min.***
  - ***Front or rear brake has been used at least once during current riding session (ignition cycle).***
  - ***Clutch has been pressed at least once during the current ignition cycle.***
  - ***Traction control is enabled.***
  - ***MIL is not active. Cruise speed may still be set in some cases depending on which DTC is active, however, it is not recommended.***

Set Cruise Speed: When all conditions are fulfilled and cruise control mode is enabled, push the cruise control switch down set- (3) to set the current vehicle speed as the cruise speed.

Adjust Speed: The set cruise control speed (5) can be increased by pushing the switch up. A short press increases the speed by 1 kmph, while pushing the switch up and holding it increases the speed in steps of 5 kmph every 1 second. Similarly, the speed can be reduced by pushing the switch down (-1 kmph on short press, -5 kmph every 1 second on hold).

Resume Speed: If cruise control has already been used previously during the current riding session, push the switch up res+ (4) to resume cruise control at the previously set speed.



(3) SET- switch (4) RES+ switch (5) Set speed

WARNING

When resuming cruise control, always ensure that the traffic and road conditions are suitable for cruise control and the previously set speed.

Suspend/Deactivate Cruise Control

Cruise control will suspend (remembering the set speed) if the clutch lever is pulled, any brake is applied, vehicle speed drops below 20 kmph or goes above 150 kmph, or if there is a traction request from the ABS ECU.

NOTE

If gears are changed by pressing the clutch, cruise control will suspend. However, if gears are changed using the quickshift method (without pressing the clutch), cruise control will NOT suspend and remain ON refer page 5-23.

Cruise control will fully deactivate (erasing the set speed) if the main cruise switch is turned off, the ignition/kill switch is turned off, or if an error occurs.

TRACTION CONTROL

Your vehicle comes equipped with a Traction Control System (TCS) designed to assist the rider in maintaining control during acceleration.

Enhanced Safety: If the system detects that the rear wheel is spinning faster than the front wheel (indicating a loss of traction), it momentarily reduces engine power output to help the rear tyre regain grip.

Optimized Performance: The system features four unique TCS calibrations, each precisely tuned for its respective ride mode to optimize performance and safety.

Rider Confidence and Flexibility: This acts as a vital safety net on unpredictable road surfaces, preventing the rear wheel from sliding out on wet roads or gravel. Additionally, switchable TCS brings ultimate flexibility, allowing skilled riders to disable the system entirely for specific conditions.

WARNING

- ***Extreme Lean Angles: As the vehicle's lean angle increases, tyre grip naturally decreases. Applying abrupt throttle at high lean angles may cause a lateral slip (low-side crash) before the system can effectively reduce engine torque.***
- ***Mismatched or Worn Tires: The TCS relies on exact wheel circumference data. Using non-standard tyre sizes, riding on severely worn treads, or maintaining improper tyre pressures will send incorrect data to the system, causing premature or delayed intervention.***
- ***Off-Road Riding: If you take your vehicle off-road into sand or mud, you actually need some wheel spin to keep moving forward. In these conditions, leaving the TCS on might cause the vehicle to bog down or stall.***

The system continuously monitors wheel speeds and is active by default upon every startup. Both wheels must be travelling at speeds greater than 5 kmph for the system to intervene.

System Indicators: A solid (TC) telltale (1) on meter console indicates the system is actively intervening. A (TC) telltale (2) indicates a system fault is detected, or the system has been manually turned off.



(1) TC telltale (2) TC telltale

TCS behaviour by Ride Mode:

RAIN: Ensures maximum stability on wet asphalt and slippery pavement. TCS is non-switchable in this mode to prioritize rider safety, providing the highest level of intervention.

ROAD: Delivers optimized vehicle stability for daily riding, handling regular challenges on city roads with confidence.

SPORT: Features reduced TCS intervention, perfectly suited for aggressive riding.

WARNING

Obey all traffic rules at all times when riding on public roads and highways.

TRACK: Provides the least intrusive calibration for closed-circuit use, giving the rider complete throttle mastery for Xtreme Acceleration.

> **⚠ WARNING**
>
> ***Track mode is designed for use on closed tracks only. Do not use track mode on public roads and highways.***

Activating and Deactivating TCS

Deactivate TCS: Navigate to the instrument cluster and select the TC OFF sub-menu to manually disable the Traction Control. Note: Switchable TCS is available in ROAD, SPORT, and TRACK modes, but the system is strictly non-switchable in RAIN mode.

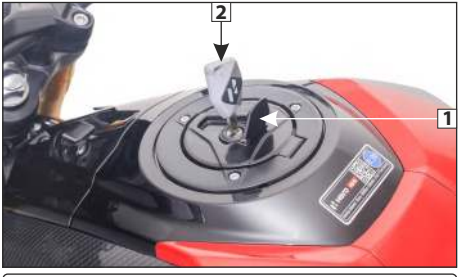
Reactivate TCS: You can turn the system back on via the instrument cluster, or simply turn the ignition key OFF and then back ON, as the TCS is active by default upon every startup.

FUEL

(a) Fuel tank

Fuel tank capacity is 11.5 litres (Be sure to fill the fuel tank when low fuel indicator glows).

- To unlock fuel tank cap, lift the key hole cover (1), insert key (2) turn it clockwise and lift open the cap (3).

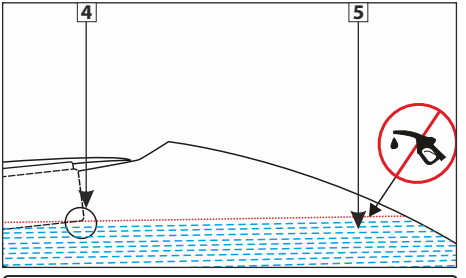


(1) Key hole cover (2) Ignition key



(3) Fuel tank cap

- Do not overfill the tank. There should be no fuel in filler neck (4). Fill the tank with fuel (5) as shown.
- To lock fuel tank cap, close the cap back on the opening and press gently. The key springs back to the normal position and cap gets locked.
- Remove the key and put back the keyhole cover.



(4) Filler neck (5) Fuel

CAUTION

Do not park the vehicle under direct sunlight as it causes evaporation of petrol due to heat and deterioration of paint gloss due to ultraviolet rays.

WARNING

Petrol is extremely flammable and is explosive under certain conditions. Refill in a well ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where the vehicle is refilled or where petrol is stored.

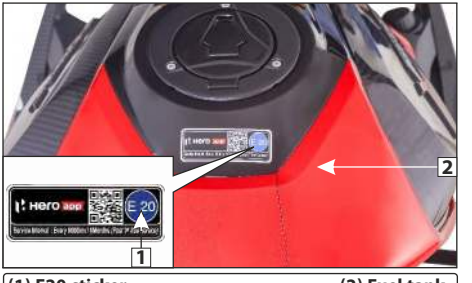
(b) Petrol containing alcohol

Fuel available at your location may contain ethanol. Ethanol is a form of alcohol and is generally mixed with petrol to reduce emissions.

E20 sticker on the battery cover indicates that the vehicle parts are compliant up to the blend of "20% ethanol with petrol".

It is recommended not to use petrol containing more than 20% of ethanol to avoid any damage to engine and other parts of the vehicle.

If you observe any problem related to the operational performance of the vehicle, contact your Authorized Hero MotoCorp workshop.



(1) E20 sticker (2) Fuel tank

CAUTION

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. Ensure fuel is filled up as soon as the low fuel indicator starts glowing.

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 off spills immediately.***

LOW FUEL INDICATOR

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



(1) Low fuel indicator

CAUTION

Ensure the vehicle is not used with low fuel indicator glowing continuously. It will not only result in the vehicle running out of fuel, but may also cause serious damage to the fuel pump. Ensure fuel is refilled 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.

LOW OIL PRESSURE INDICATOR

When the ignition switch is turned "ON", the low oil pressure indicator lamp (1) glows continuously until the engine is started. After starting the engine, the lamp goes "OFF", which indicates that the engine oil pressure in the system is OK. Sometimes during panic or hard braking, the lamp can glow for a few seconds and then go "OFF" when the vehicle returns to normal state. If the lamp glows continuously when the engine is "ON", stop immediately, switch "OFF" the engine, and contact an Authorised Hero MotoCorp workshop.



(1) Low oil pressure indicator

MALFUNCTION INDICATOR LAMP (MIL)

When the ignition switch is turned "ON" the programmed FI malfunction indicator lamp (MIL) glows continuously and then should go "OFF" once the engine is started. It indicates that vehicle is OK. If it glows continuously there is an abnormality in the vehicle, it is recommended to reduce the speed and ride to the Authorised Hero MotoCorp workshop for check-up.



(1) MIL indicator

ABS INDICATOR

The ABS indicator (1) on speedometer comes "ON" for few seconds when the ignition switch is turned "ON" (⏻) and then keeps "***blinking fast"*** until the vehicle speed exceeds 5 km/h.

Road Mode: When the system functions normally, indicator goes "OFF" (ABS) once vehicle speed exceeds 5 km/h.

Track Mode : When the system functions normally, indicator ***"blinks slowly"*** once vehicle speed exceeds 5 km/h.

At any point if ABS indicator remains "ON" then ABS is not working, but the brakes still work normally. Reduce your vehicle speed and visit your Authorised Hero MotoCorp workshop.



(1) ABS indicator

NOTE

The ABS indicator switches "ON" when one of the wheels spins rapidly while the vehicle is stationary. This behaviour is expected. After turning "OFF" the ignition and restarting the vehicle, the warning light will function normally once vehicle speed exceeds 5 km/h.

SIDE STAND INDICATOR/SWITCH

For the safety of the customer a side stand indicator (1) is provided.



(1) Side stand indicator

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

- 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.
- Side stand indicator (1) should go off when side stand is raised.
- If the side stand indicator (1) does not operate as described in above steps, please visit your Authorised Hero MotoCorp workshop.



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

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

This feature has following functions:

- It prevents starting the engine when transmission is in gear (irrespective of clutch lever operation) and side stand is down.
- It stops the running engine when transmission is in gear (irrespective of clutch lever operation) and side stand is moved down.

WARNING

"Side stand engine kill" system is not affected by clutch lever operation.

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

1. **Turn the ignition switch to "ON" (⟳) position and press the electric starter (Ⓐ) of integrated start-kill switch (with transmission in neutral and side stand is down).**

Does engine start?
- **NO** → **Visit Authorised Hero MotoCorp Workshop**
- **YES**

2. **Then shift the transmission to gear (with engine running and irrespective of clutch lever operation).**

Does engine stop?
- **NO** → **Visit Authorised Hero MotoCorp Workshop**
- **YES**

3. **Now pull in the clutch lever and press the electric starter (Ⓐ) of integrated start-kill switch (After engine has stopped).**

Does engine start?
- **YES** → **Visit Authorised Hero MotoCorp Workshop**
- **NO**

SYSTEM IS OK

If your vehicle doesn't operate as described in inspection flow diagram, please visit your Authorised Hero MotoCorp workshop.

⚠ WARNING

Regularly inspect the functionality of "Side stand engine kill" feature and in case of any malfunction visit Authorised** Hero MotoCorp **workshop.

SEAT LOCK

Location : On the left side of the rear cowl, below the rear grip.

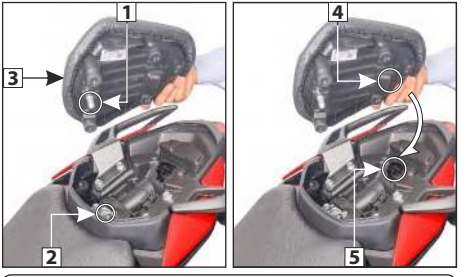
Operation: Insert the ignition key (1) into the seat lock (2) and hold the key in clockwise direction and remove the pillion seat (3) from the rear by pulling it upward.



(1) Ignition key (2) Seat lock (3) Pillion seat

Removing pillion seat

- Unlock the seat as explained in seat lock operation **(page 5-48)**.
- Release the seat lug (1) from the frame slot (2) and remove the pillion seat (3).



(1) Lug (2) Slot (3) Pillion seat
(4) Tab (5) Bracket

Installing pillion seat

- To install the pillion seat, engage the seat tab (4) on the under side of the seat with the bracket (5) on the frame.
- Simultaneously, align the lug (1) into the slot (2) and press the top front side of the seat until the seat gets locked.

Removing rider seat

- Remove the pillion seat **(page 5-48).**



(1) Cable lock seat cover

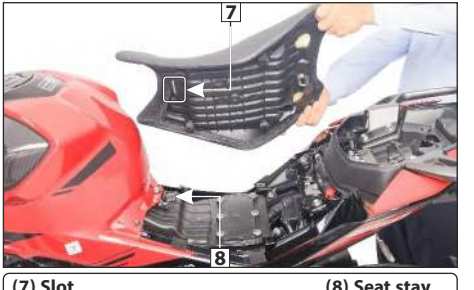
- Lift the cable lock seat cover (1).
- Dislodge the rider seat (2) by pulling the rider seat catch cable (3) and release the rider seat from the seat catch (4).
- Remove the rider seat by pulling it upward.



(2) Rider seat (3) Seat catch cable
(4) Seat catch

Installing rider seat

To install the rider seat, align the slot (7) with the seat stay (8) and press on the top rear side of the rider seat until the seat gets locked.



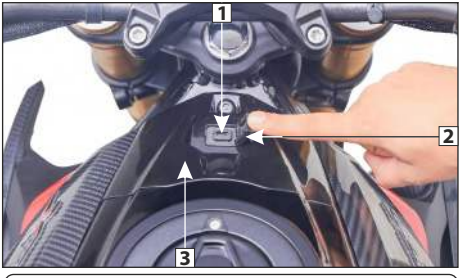
(7) Slot (8) Seat stay

USB TYPE-C PORT

A USB type-C port (1) with a cap (2) is mounted on the battery cover (3) to charge your mobile phone safely while riding.

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

To connect a mobile phone to the charger, first open the cap from the USB type-C port and then plug the charger cable into it. Hero MotoCorp will not be responsible for damages caused due to use of non-standard USB cable.



(1) USB charger **(2) USB charger cap**
(3) Battery cover

CAUTION

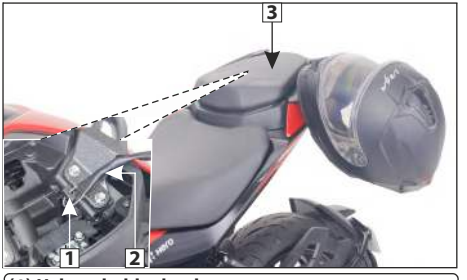
- ***Always place the device in a soft clean cloth/towel to avoid any damage due to road shocks while riding.***
- ***Do not charge multiple devices at the same time as it can lead to slow/no charging.***
- ***USB type-C port is for charging compatible USB devices.***
- ***Do not leave the USB device and USB cable in the vehicle when the vehicle is parked.***
- ***Charge your device when the engine is operational/while riding.***
- ***USB charger will not be covered under warranty in case of USB type-C port cap damage.***

NOTE

- ***Do not apply any soap solution, oil or grease inside the USB type-C port.***
- ***Any personal belongings have to be removed before water washing to avoid damage.***
- ***Always keep the USB type-C port 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 type-C port cap.***
- ***The charging time of mobile may vary, depending on the mobile's battery state of the charge, mobile make and conditions.***

HELMET HOLDER

The helmet holder is located below the pillion seat. Remove the pillion seat **(page 5-48)**. Hang the helmet on the helmet holder hook (1) using wire helmet set (2) (optional).



(1) Helmet holder hook
(2) Wire helmet set (Optional) **(3) Pillion seat**

Install the pillion seat (3) **(page 5-48)** and lock it securely.

WARNING

- ***Riding with a helmet attached to the holder can interfere with the rear wheel and could cause a crash in which you can be seriously hurt or killed.***
- ***Use the helmet holder only while parked. Do not ride with a helmet secured by the holder.***

06

HOW TO RIDE YOUR VEHICLE

Pre-ride inspection	6-1
Starting the engine	6-2
Riding	6-4
Braking	6-4
Parking	6-7

PRE- RIDE INSPECTION

You should conduct pre ride inspection before riding the vehicle to enhance riding comfort and safety.

Clean your vehicle regularly. It protects the surface finish. Avoid cleaning with products that are not specifically designed for vehicle surfaces.

Inspect your vehicle every day before you start the engine. The items listed here will only take a few minutes, and in the long run they can save time, expense, and possibly your life.

Please follow the tips as given below:

- **Engine oil level-**Check and top up engine oil if required **(page 7-7).** Check for leaks.
- **Engine coolant level-**Check for correct coolant level in overflow tank **(page 7-11).**
- **Malfunction indicator lamp (MIL)-**When the ignition switch is turned "ON" the malfunction indicator lamp (MIL) glows continuously and then should go "OFF" once the engine is started.
- **Fuel level-**Ensure sufficient fuel is available in your fuel tank for journey. Check for leaks.
- **Low fuel indicator**-Vehicle should not be operated with low fuel indicator glowing continuously **(page 5-45)**.
- **Front brake-**Check for correct brake fluid level in master cylinder/reservoir **(page 7-20).**
- **ABS indicator-**Check ABS indicator for proper functioning of ABS **(page 5-46).**
- **Rear brake-**Check for correct brake fluid level in the reservoir **(page 7-21).**
- **Tyres-**Check condition and pressure **(page 7-26).**
- **Clutch-**Check for smooth operation. Adjust free play if necessary **(page 7-15).**
- **Drive chain-**Check condition and slackness **(page 7-16).** Lubricate if necessary.
- **Lamps and Horn-**Check that headlamp, position lamps, 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.
- **Integrated start-kill switch-**Check for proper functionality **(page 5-38).**
- **Fitting and Fasteners-**Check and tighten if necessary.
- **Steering-**Check for smooth action and for easy maneuverability.
- **Side stand-**Check for proper functionality **(page 5-47).**

STARTING THE ENGINE

Always follow the proper starting procedure. To protect the catalytic converter in your vehicle's exhaust system, avoid extended idling and use of leaded petrol.

⚠ WARNING

Your vehicle's exhaust contains poisonous carbon monoxide gas. High levels of carbon monoxide can collect rapidly in enclosed areas such as garage. Do not run the engine in a closed space without proper ventilation. Even with ventilation, the engine must not be run for extended periods.

! CAUTION

- ***Never hold electric starter (⟲) of integrated start-kill switch continuously for more than 5 seconds as continuous cranking of engine will discharge the battery.***
- ***This vehicle is equipped with a side stand engine kill feature (page 5-48).***

Preparation

Before starting insert the key and follow the below mentioned procedure :

- Turn the ignition switch (1) "ON".
- Confirm that the malfunction indicator lamp (MIL) (2) glows continuously and then goes "OFF" once the engine is started.



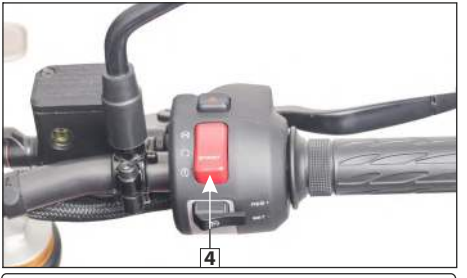
(1) Ignition switch
(2) Malfunction indicator lamp (MIL)

- Find neutral position and check neutral "N" indicator (3) on meter console with ignition "ON".



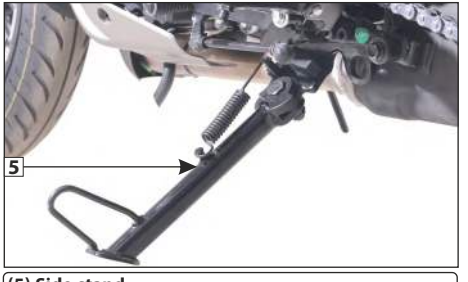
(3) Neutral indicator

- Make sure that the integrated start-kill switch (4) is at engine "ON" ( ) position.



(4) Integrated start-kill switch

- Lift the side stand (5).



(5) Side stand

Starting procedure

With the throttle completely closed, start the vehicle by pressing the electric starter ( ) of integrated start-kill switch.

! CAUTION

If MIL remains "ON" even after the engine is started, there is an abnormality in the vehicle. It is recommended to reduce the speed and drive to the Authorised Hero MotoCorp ***workshop for check-up.***

Flooded engine

If the engine fails to start after repeated attempts, it may be flooded with excess fuel.

1. Open the throttle slightly.
2. Press the electric starter ( ) of integrated start-kill switch for 5 seconds.
3. Follow the normal starting procedure.
4. If the engine starts with unstable idle, open the throttle slightly.
5. If the engine does not start wait for 10 seconds, then follow first 3 steps again.

Ignition cut off

Your vehicle is designed to automatically stop the engine and 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

Help assure 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 and rapid acceleration.

NOTE

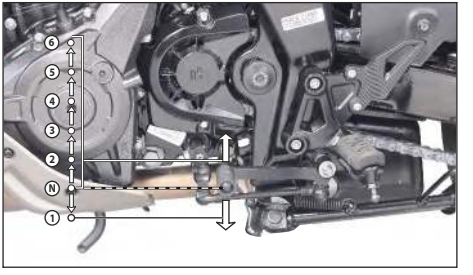
- ***To start the engine, if any gear is engaged, press the clutch lever and press the integrated start-kill switch.***
- ***Do not open the throttle while starting the vehicle.***

WARNING

Never run the engine in a enclosed area as the exhaust contains poisonous gases.

RIDING

- Excessively revving the engine during cold condition can reduce engine life.
- While the engine is idling, press the clutch lever and depress the gearshift pedal downwards using the toe to shift into 1st gear.
- Slowly release the clutch lever and at the same time, gradually increase engine speed by opening the throttle. Coordination of the throttle and clutch lever will assure a smooth positive start.
- When the vehicle attains a moderate speed, close the throttle, press the clutch lever and shift to 2nd gear by placing the toe on the underside of gear pedal and lifting upwards.
- This sequence is repeated progressively to shift to 3rd, 4th, 5thand 6th gear.



CAUTION

When not using quick shifter, do not shift gears without operation of clutch and without closing the throttle otherwise this would lead to damage of gears.

BRAKING

Anti-lock braking system (ABS)

This model is equipped with a Dual-channel ABS which enhances active safety by helping prevent locking up of both wheels during braking.

ABS is designed to meet two essential requirements during every brake application:

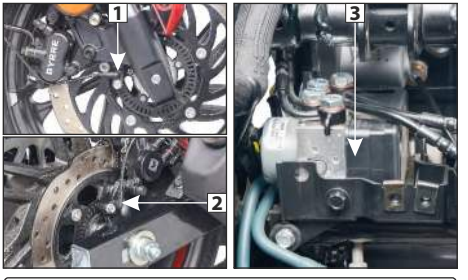
- To help provide vehicle stability.
- To help maintain steering control and maneuverability–on road surfaces.

This model has two ABS modes, which are Road, and Track modes **(page 5-13)**.

The ABS system is self-regulating and always active once vehicle speed exceeds 5 km/h after ignition "ON" provided ABS indicator lamp is "OFF" in case of Road Mode and ABS indicator lamp is blinking slowly in case of Track mode.

The ABS controller acts on the basis of the comparative speeds of the wheels. The use of non-approved tyres can affect the speed of the wheels and supply incorrect information to the ABS computer.

The system has a wheel speed sensor on both the wheels (1) and (2), a hydraulic electronic control unit (HECU) (3), and an ABS indicator lamp (4) on meter console.



(1) Wheel speed sensor (Front wheel)
(2) Wheel speed sensor (Rear wheel)
(3) Hydraulic electronic control unit (HECU)



(4) ABS indicator

Whenever you ride your vehicle, **Wheel speed sensor** generates and sends the rotation of wheel signal to **Hydraulic electronic control unit (HECU)**. Then HECU calculates the speed of the wheel and vehicle, HECU becomes active when vehicle speed exceeds 5 km/h.

Now whenever you will apply front or rear brake, ABS will come into picture based on the input from respective wheel speed sensor, if wheel is getting locked, HECU will modulate the pressure at respective caliper thus avoiding wheel to lock and in turn resulting in safe stop of the vehicle.

Do's and Don'ts

Do's

- Check your brake pads and be sure you have clean brake fluid. ABS systems can also fail due to worn brake pads or air or dirt in brake fluid.
- Use the recommended brake fluid.

- Rider is recommended not to ride at high speed when the brakes get wet. If brake gets wet, apply the brake while riding at low speed until the brakes are dry.
- It is recommended that ABS should be serviced at Authorised Hero MotoCorp workshop.
- Read your owner's manual for additional riding instructions.
- Carefully remove the wheel during the puncture/tyre replacement to prevent damaging/bending the sensor ring.
- Use only the recommended make, type, size of tyre and maintain specified tyre pressure **(page 4-2)**.
- Keep checking meter console. In case of ABS malfunction, speed display may go to zero.
- Always maintain sufficient distance from the objects/vehicles ahead, for proper braking and to match riding speed.
- On certain surfaces, such as rough road or gravel road, brake lever may have hard/ pulsating feel. Continue to apply the required braking on the lever/pedal even when there is a pulsating feel to get the optimum performance.
- In case of ABS malfunction, the brake system will work as conventional (Non-ABS) brake. Rider is recommended not to apply hard brake to prevent wheel lock and visit Authorised Hero MotoCorp workshop.

Don'ts

- Don't panic by mechanical noises or slight lever pulses while applying the brake (whenever ABS actuates) in vehicle. These conditions are normal and indicate that ABS is working.
- Don't apply hard braking in wet or rainy conditions and while taking a turn.
- Do not make any adjustments to the wheel speed sensor and the encoder ring.
- Do not insert any metallic part near wheel speed sensor.
- Don't try to service HECU or open to separate the parts.
- Don't use the non-genuine spares like pads, discs, tyres etc.

NOTE

- ***ABS may get activated without brake application while riding on uneven road surfaces (sharp drop or rise on the road level). This is normal functioning of ABS and won't be having any impact on performance.***
- ***ABS may not work if the battery is discharged.***
- ***ABS operation is also affected by road conditions, vehicle handling and brake operation. It is the rider's responsibility to ride at reasonable speed and to leave a margin of safety.***
- ***ABS consists of an electric motor, from which sound can be heard.***

WARNING

During extreme riding conditions, sometimes it is not possible to balance the vehicle (example- luggage loaded with higher center of gravity, varying road surfaces, hard braking without disengaging the gear).
Adapt your riding style to the road conditions and your riding ability as well.

PARKING

After stopping the vehicle, shift the transmission to neutral, turn the ignition switch "OFF" (⊠), park the vehicle on side stand, lock the steering and remove the key.

CAUTION

- ***Park the vehicle on firm level ground to prevent overturning.***
- ***While parking vehicle on side stand engage the first gear.***
- ***Do not park the vehicle under direct sunlight as it may cause paint to deteriorate.***

07

PERIODIC MAINTENANCE

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07

PERIODIC MAINTENANCE

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MAINTENANCE

The importance of maintenance

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

To help you, take proper care of your vehicle, the following pages include a maintenance schedule.

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 Hero MotoCorp dealer for recommendation applicable to your individual needs and use. If your vehicle overturns or is involved in a crash, be sure that you visit your Authorised Hero MotoCorp workshop for detailed inspections.

WARNING

- ***Improperly maintaining this vehicle or failing to correct a problem before you ride can cause a crash in which you can be seriously hurt or killed.***
- ***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 Hero MotoCorp authorised workshop.

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.***

CLEANING AND WASHING OF VEHICLE

Follow the below mentioned steps for washing the vehicle.

- Wet the vehicle with light water spray. Avoid directing high pressure water spray to meter console, muffler outlets, electrical parts and radiator.

- Clean the headlamp lens and other plastic parts using a cloth or sponge dampened with a solution of mild detergent and water.
- After cleaning, spray water thoroughly.
- Dry the vehicle by wiping with dry soft cloth.

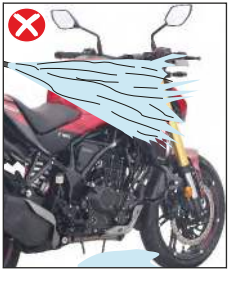
NOTE

- ***Our Authorised dealerships take all above mentioned precautions like usage of recommended detergents to ensure quality wash.***
- ***While washing the vehicle, it is recommended to take necessary precautions to avoid damage to the radiator fins and water entry into muffler.***

WARNING

Do not spray high pressure water on any electrical, electronic components and radiator.





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.
- 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 Hero MotoCorp workshop 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 6-1)** 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 Hero MotoCorp workshop meets all of these requirements.

Ensure that each paid service is availed within **180** days or **6000** km from the date of previous service, whichever is earlier.

To be serviced by your Authorised Hero MotoCorp workshop 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 Hero MotoCorp workshop.

Note-1 : At higher odometer readings, repeat the frequency interval established here.
Note-2 : Service more frequently if the vehicle is ridden in unusually wet or dusty areas.
Note-3 : Inspect, adjust the spark plug and replace in every 12000 km.
Note-4 : Inspect and adjust in every 12000 km.
Note-5 : Replace engine oil at 1st service and in every 12000 km. Top up if the oil level is at or near the lower level mark. Oil stainer screens need to be cleaned whenever the engine oil is drained.
Note-6 : Visit Authorised Hero MotoCorp workshop for inspection, cleaning, lubrication and adjustment of drive chain at every 1000 km.
Note-7 : Inspect brake pads. If either pad is worn to the depth of its groove, replace both pads as a set.
Note-9 : Replace brake fluid once in every two years or 24000 km, whichever is earlier.
Note-9 : Inspect and maintain specified torque.
Note-10 : Inspect the wheel bearings free play every 12000 km, replace if necessary.
Note-11 : Inspect, replace if necessary/damaged. Replace the tyre as per tread wear indicator (TWI).
Note-12 : Replace front fork oil once every 2 years or 30000 km, whichever is earlier.
Note-13 : Inspect rear suspension mounting bushes play, replace rear shock absorber if necessary.
Note-14 : Check CO emission at idle.
Note-15 : Inspect the canister hoses for deterioration, damage or loose connections and canister for cracks or other damages.
Note-16 : Replace the radiator coolant in every 2 years or 24000 km, whichever is earlier. Inspect and top up coolant if required.

Note

- Service more frequently if the vehicle is ridden in wet or dusty areas.
- Service more frequently if the vehicle is ridden in rain or at full throttle.
- Always wipe the water off the vehicle after washing. Use clean soft cloth or pressurized air for completely drying the water.
- Always use new gaskets, O-rings, circlips and cotter pins 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.

ITEMS		WHICHEVER COMES FIRST	#DURING FREE SERVICE PERIOD			DURING PAID SERVICE PERIOD	
		SERVICE	1st	2nd	3rd	ONCE IN EVERY 6000 KM	
		DAYS	1st 60	Next 180	Next 180		
		KM Note-1	500-750	6000-6500	12000-12500	6000	12000
	Fuel Line		I	I	I	I	I
	Throttle Operation		I	I	I	I	I
	Air Cleaner Element	Note-2	C	C	R	C	R
	Spark Plug	Note-3	I, C, A	I, C, A	R	I, C, A	R
	Valve Clearance	Note-4	I, A	-	I, A	-	I, A
	Engine Oil	Note-5	R	I, T	R	I, T	R
	Engine Oil Filter		R	-	R	-	R
	Radiator and Hoses		I	I	I	I	I
	Electric Starter		-	I	I	I	I
	Oil Pressure Indicator		I	I	I	I	I
	Drive Chain	Note-6	I, C, L, A at every 1000 km			I, C, L, A at every 1000 km	
	Drive Chain Slider		-	I	I	I	I
	Battery Voltage		I	I	I	I	I
	Brake Pad Wear	Note-7	I	I	I	I	I
	Brake System & Brake Pedal		-	C, L	C, L	C, L	C, L
	Brake Fluid	Note-8	-	I	I	I	I

ITEMS		WHICHEVER COMES FIRST	#DURING FREE SERVICE PERIOD			DURING PAID SERVICE PERIOD	
		SERVICE	1st	2nd	3rd	ONCE IN EVERY 6000 KM	
		DAYS	1st 60	Next 180	Next 180		
		KM Note-1	500-750	6000-6500	12000-12500	6000	12000
	Stop Lamp Switch		I, A	I, A	I, A	I, A	I, A
	Headlamp Focus		I, A	I, A	I, A	I, A	I, A
	Clutch Lever Free Play		I, A	I, A	I, A	I, A	I, A
	Side Stand		L	L	L	L	L
	Side Stand Switch		I	I	I	I	I
	Nut, Bolts, Fasteners & Grommets	Note-9	I	I	I	I	I
	Wheel Bearings and Flange Bearing	Note-10			I		I
	Wheels/Tyres	Note-11	I	I	I	I	I
	Steering Head Bearing		I, A	I, A	I, L, A	I, A	I, L, A
	Front Suspension/Oil	Note-12	I	I	I	I	I
	Rear Suspension	Note-13	I	I	I	I	I
	Muffler (Catalytic Converter)	Note-14	-	I, E	I, E	I, E	I, E
	Evaporative Emission Control System	Note-15	I	I	I	I	I
	Rear Wheel Damper		I	I	I	I	I
	Radiator Coolant	Note-16	Replacement every 2 year or 24000 km, whichever is earlier				
	Cooling System		I	I	I	I	I
	Fuel Filter (External)		-	-	R	-	R
	Radiator Fins and Heat Shield		I	I	I	I	I

TOOL KIT/FIRST AID KIT

The tool kit (1) is located below the pillion seat. Some emergency repairs, minor adjustment and parts replacement can be performed with the tools contained in the kit.

Kit contains one unit of each of the following tools:

- Tool bag
- +, - No.2 Driver
- Grip
- Eye wrench 24 mm
- Handle pin spanner
- Pin spanner
- Allen key 10 mm
- Allen key 6 mm
- Allen key 4 mm
- Hand wrench spark plug
- Film protector frame



(1) Tool kit **(2) First aid kit**

The first aid kit (2) is located below the pillion seat. For some emergency first aid can be performed by medicine contained in the kit.

Kit contains one unit of each of the following items :

- Sterilised elastic plaster
- First aid bag
- Gauze (Rolled bandage)
- Elastic bandage
- Waterproof plaster
- Sterilised dressing
- Antiseptic cream
- Hemostatic agent

SPARK PLUG INSPECTION

Spark plug needs to be inspected, cleaned and adjusted, and replaced as per the maintenance schedule **(page 7-3)**. Visit your authorised Hero MotoCorp workshop for the servicing of spark plug.

ENGINE OIL

Use hero genuine engine oil or recommended grade oil.

BRAND: Hero Xotic+

GRADE: SAE 10W 30 SL MA2 fully synthetic PAO based oil.

Manufactured by:
Indian Oil Corporation Limited.

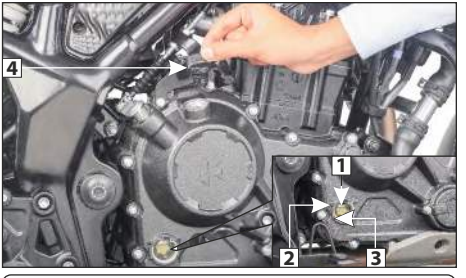
OIL CAPACITY :

- **1700 ml (at disassembly)**
- **1600 ml (at draining with oil filter replacement)**
- **1500 ml (at draining without oil filter replacement)**

Engine oil level inspection/
Top up process

Check engine oil level before operating the vehicle, when engine is cold. The oil level window (1) is on the right crankcase cover for measuring oil level. Oil level must be maintained between the upper (2) and lower (3) level marks on the oil level window.

- Add the specified oil by removing the oil filler cap (4) and filling till the upper level mark (2). Do not overfill.



(1) Oil level window	**(2) Upper level mark**
(3) Lower level mark	**(4) Oil filler cap**

- Do top up if oil level reaches towards the lower level mark or every 6000 km, whichever is earlier.
- Park the vehicle upright on a level ground.
- Start the engine and let it idle for 10 minutes.
- Stop the engine and wait for 20 minutes.
- Check the oil level in the oil level window.
- If required, add the specified oil up to the upper level mark. Do not overfill.
- Reinstall oil filler cap with new O-ring and check for oil leaks.

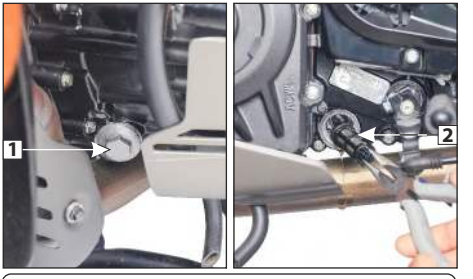
Engine oil replacement

- Start the engine and let it idle for 10 minutes.
- Stop the engine and wait for 20 minutes until the oil settles down.

! CAUTION

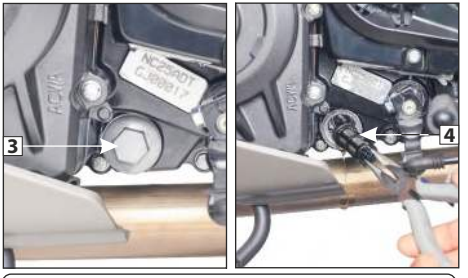
Ensure not to damage oil drain bolts during removal/installation. Bolts can deform if excess force is applied.

- To drain the oil, remove the front oil drain bolt (1) and remove the strainer screen (2).



(1) Front oil drain bolt	**(2) Strainer screen**

- Remove the left oil drain bolt (3) and remove the strainer screen (4).
- After the oil is completely drained, reinstall both the strainer screens with new O-rings and install both the oil drain bolts.
- Install new engine oil filter element **(page 7-8).**



(3) Left oil drain bolt (4) Strainer screen

- Fill the engine oil from a sealed bottle through the oil filler hole. Use SAE 10W 30 SL MA2 fully synthetic PAO based oil.
- When the oil level reaches upper level mark, it indicates that 1200 ml of engine oil is present in the engine. Measure and add the remaining quantity of engine oil.
  - If engine oil was drained and oil filter was replaced, add an additional 400 ml of engine oil.
  - If engine oil was drained but oil filter was not replaced, add an additional 300 ml of engine oil.
- Reinstall the oil filler cap with a new O-ring.
- Start the engine and let it idle for 10 minutes.
- Stop the engine and let the oil settle for 20 minutes. The oil will now settle in both left and right chambers.
- Check the oil level through inspection window. Now, the level should be at the upper level mark. Check that there are no oil leaks.

CAUTION

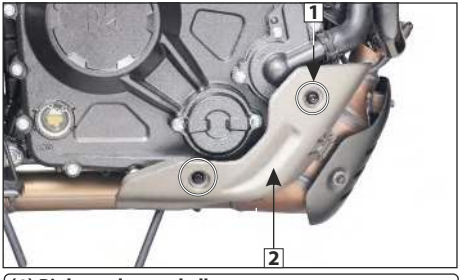
- ***Engine oil is a major factor affecting the engine performance and lifespan. Non-detergent, vegetable or castor based racing oils are not recommended.***
- ***Running the engine with insufficient oil can cause serious engine damage.***
- ***Running the engine with excessive oil can cause spark plug fouling and loss in performance.***

ENGINE OIL FILTER ELEMENT

NOTE

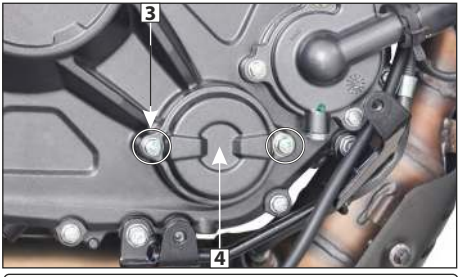
Drain the engine oil thoroughly (page 7-7) in case of engine oil filter element replacement.

- Remove the right under cowl allen screws (1) and remove the right under cowl (2).



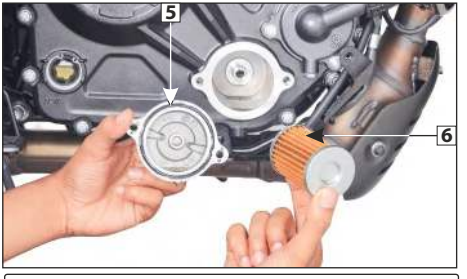
(1) Right under cowl allen screws
(2) Right under cowl

- Remove the two mounting bolts (3).
- Remove the engine oil filter element cover (4) with O-ring (5).



(3) Mounting bolts
(4) Engine oil filter element cover

- Remove the engine oil filter element (6) from the cover.



(5) O-ring **(6) Engine oil filter element**

- Replace the engine oil filter element (6).



(6) Engine oil filter element

NOTE

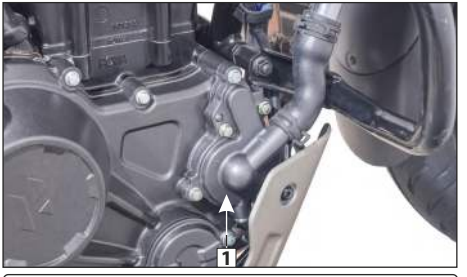
- ***When the engine oil filter element replaced, always replace the gasket with the new one.***
- ***Make sure that gasket is properly seated.***
- ***Inspect and replace engine oil filter element as specified in the maintenance schedule.***

- Installation is in the reverse order of removal.

COOLING SYSTEM

This model is equipped with liquid cooling system that uses coolant to cool the engine.

- Water pump (1) in the engine ensures the circulation of the coolant in the cooling system.
- While flowing through radiator, coolant is cooled by air stream and radiator fan.



(1) Water pump

- As the coolant temperature rises, high pressure coolant is released from radiator to overflow bottle (2) through overflow bottle hose.
- When the temperature reduces, this surplus coolant is sucked back into the radiator through the overflow bottle hose.



(2) Overflow bottle

NOTE

- ***Radiator fan is turned "ON" or "OFF" as per the engine coolant temperature.***
- ***When engine temperature is 95°C or more, then radiator fan will be turned on and will be turned off when it cools down to 95°C or below. This causes radiator fan to switch "ON"/"OFF" continuously during hot idling.***
- ***During the fan working condition, if the ignition key is turned off, then the fan may still be on for 10-20 seconds depending upon the engine temperature.***

CAUTION

- ***Ensure that adequate care is taken while removing the engine radiator hose to avoid any damage or leakage.***
- ***No hard objects to be used for cleaning the engine radiator, otherwise the fins will get damaged.***
- ***High pressure washing of the radiator is not recommended as it may damage the fins, any physical contact with fins is to be avoided.***
- ***During vehicle operation, coolant gets very hot and is under high pressure. Allow the engine and cooling system to cool down. Do not open any cooling system components as high pressure coolant can come out and cause injuries.***

CAUTION

- ***Upon scalding, rinse it immediately with lukewarm water.***
- ***Avoid keeping any cloth or flammable object between hot parts (muffler, radiator, engine).***
- ***Do not obstruct engine cooling by adding mud protection sheet from front.***

Coolant

Use recommended genuine Hero pre-mix coolant.

Coolant : 50:50 ratio Hero pre-mix.

Manufactured by:

Savita Oil Technologies Limited

Indian Oil Corporation Limited

COOLANT CAPACITY :

Total coolant capacity : 1050 ml

Coolant capacity in :

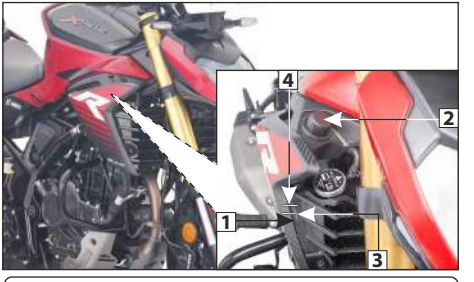
a) Radiator and engine : 850 ml

b) Overflow tank : 200 ml

Rider should check the coolant level in the overflow bottle (1) before every ride. The coolant level must be between full level mark (4) and low level mark (3).

Coolant Top-up

- Place the vehicle on a leveled surface and hold it in the upright position.
- Ensure coolant level in the overflow bottle is between low level and full level mark.
- If the coolant is at or below the low level mark (3), remove the overflow bottle cap (2).
- Add coolant up to the full level mark (4) through the overflow bottle cap and then install the cap.



(1) Overflow bottle **(2) Overflow bottle cap**
(3) Coolant low level mark
(4) Coolant full level mark

NOTE

Make sure the cooling system is filled with a genuine Hero pre-mix coolant.

WARNING

- ***Coolant is poisonous so, keep coolant out of reach of children.***
- ***Avoid contact between coolant and skin, eyes or clothing. Clean the contaminated areas on the skin with soap and water immediately.***
- ***If coolant is swallowed, contact a doctor as soon as possible.***
- ***Always wear nitrile rubber hand gloves while draining or topping up coolant.***
- ***If coolant gets into eyes, rinse immediately with water and consult a doctor.***
- ***Ensure coolant top-up is done through overflow tank only. Do not top-up through radiator.***

Engine coolant temperature indicator

Coolant temperature indicator (1) indicates the current coolant temperature.



(1) Coolant temperature indicator

The displayed symbol changes in the following manner depending on the coolant temperature:

Symbol	Description
OK	Engine is currently cold.
OK	Engine is currently within optimum operating temperature range.
HOT	Engine is currently overheated.

WARNING

Riding the vehicle with very high engine coolant temperature may cause serious damage to engine components :

- ***Once coolant temperature indicator indicates that engine is hot, system will not allow vehicle to go beyond 6000 r/min.***

  If engine temperature rises further, engine will be cut-off and MIL will turn "ON".

  In that case, it is recommended to stop the vehicle and wait for some time until the engine cools down and then restart the vehicle again.

  If the problem reoccurs, stop the vehicle and immediately contact an Authorized Hero MotoCorp ***workshop.***
- ***Immediately contact an Authorized*** Hero MotoCorp ***workshop as soon as the coolant temperature indicator indicates that the engine is overheating.***

AIR CLEANER

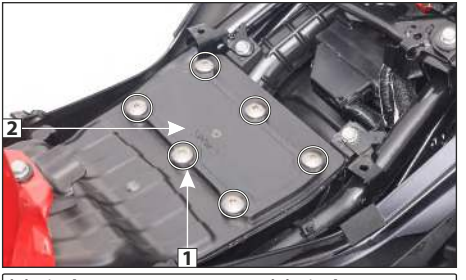
Air cleaner element inspection and cleaning

Refer to the safety precautions **(page 7-2).**

The air cleaner element is of dry paper pleated type, it should be serviced at specified intervals **(page 7-3).**

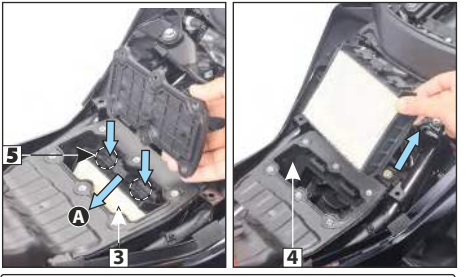
Service more frequently when riding in unusually wet or dusty areas.

- Remove the pillion and rider seat **(page 5-48).**
- Remove the air cleaner cover screws (1) and cover (2).



(1) Air cleaner cover screws (2) Air cleaner cover

- Press the air cleaner element lock (5) downwards and simultaneously push the air cleaner element (3) towards direction (A).
- Once the air cleaner element is free from the lock, pull it outside housing (4).

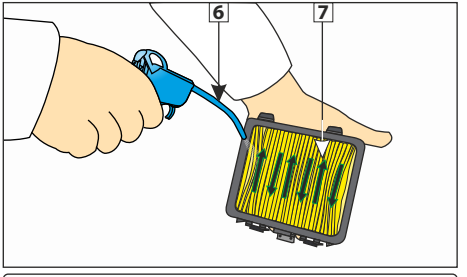


(3) Air cleaner element (4) Air cleaner housing
(5) Air cleaner element lock

- Air cleaner element cleaning
  - Clean the element by tapping it gently to loosen dust.
  - Blow away the remaining dust by forcing compressed moisture-free air using an air nozzle (6) from the housing side (7) of the air cleaner.
  - Replace the air cleaner element if it is excessively dirty, torn or damaged.

! CAUTION

- ***Never wash the air cleaner element. Only blow air in the air cleaner element for cleaning dust, as explained. Replace air cleaner element once in every 12000 km.***
- ***Replace it earlier if it becomes very dirty, damaged on surface or on the sealing area.***



(6) Air nozzle (7) Housing side

- Clean the air cleaner housing using a shop towel.
- Install the new air cleaner element (3) inside the air cleaner housing (4) and keep pressing towards direction (B) until a click sound comes.
- Install the air cleaner element cover.
- Install the rider and pillion seat **(page 5-49)**.



(3) Air cleaner element (4) Air cleaner housing

CAUTION

Make sure that the air cleaner element is properly locked inside the air cleaner housing after cleaning/replacement.

NOTE

Align the tabs of air cleaner cover before installing screws and the cover.

Air cleaner drain tube cleaning

Remove the drain tube (1) and drain the deposit into a container.

Follow the above process more frequently when riding in rain or at full throttle.



(1) Drain tube

NOTE

Always ensure to reinstall the drain tube after draining the deposit.

VALVE CLEARANCE

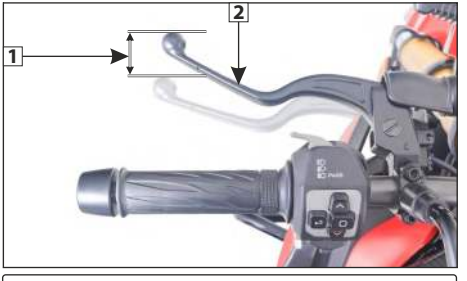
Engine valve clearance changes with use, which may result in improper air-fuel mixture and /or engine noise. To prevent this, the valve clearance must be adjusted at Authorised Hero MotoCorp workshop at the intervals specified in the maintenance schedule **(page 7-3).**

CLUTCH

This vehicle is equipped with a **Slip and Assist Clutch** which minimizes the effect of rapid gear down-shifting. During a rapid down-shift, it allows a controlled clutch slippage to prevent rear wheel locking and engine damage.

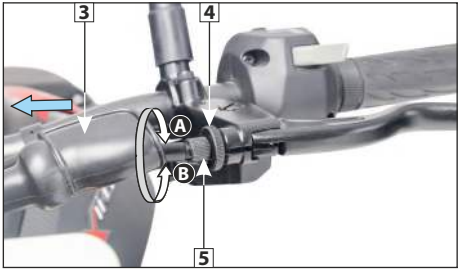
Clutch lever free play adjustment

Clutch adjustment may be required if the vehicle stalls when shifting into gear or tends to creep or if the clutch slips, causing acceleration to lag behind engine speed.



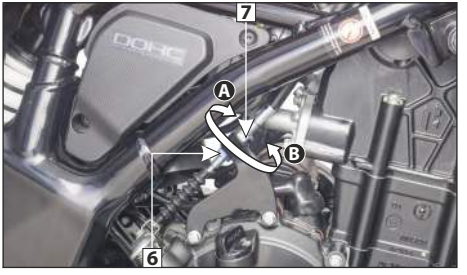
(1) Free play: 10-15 mm **(2) Clutch lever**

Normal clutch lever free play (1) is 10-15 mm at the lever (2).



(3) Boot **(4) Lock nut** **(5) Adjuster**
(A) Increase free play **(B) Decrease free play**

- To adjust the free play at the clutch lever end, slide the boot (3) backwards and then loosen the lock nut (4). Turn the adjuster (5) towards direction “A” or “B” to adjust free play. After adjustment, tighten the lock nut and slide the boot on the adjuster and lock nut securely.
- To adjust the free play at engine end, loosen the lock nut (6). Turn the adjusting nut (7) towards direction “A” or “B” to obtain the specified free play. Tighten the lock nut and check the adjustment.



(6) Lock nut **(7) Clutch cable adjusting nut**
(A) Decrease free play **(B) Increase free play**

- Start the engine, press the clutch lever and shift into gear. Make sure the engine does not stall, and the vehicle does not travel. Gradually release the clutch lever and open the throttle. The vehicle should start smoothly and accelerate.

NOTE

- ***Perform clutch lever free play adjustment at engine end, if the specified clutch lever play is not obtained at lever end.***
- ***If proper adjustment cannot be obtained or the clutch does not work correctly, visit your Authorised*** Hero MotoCorp ***workshop.***

Other checks

- Check the clutch cable for kinks or signs of wear that could cause sticking or failure.
- Check for clutch cable model. Use genuine clutch cables.
- Check for clutch cable routing.

DRIVE CHAIN SLACKNESS

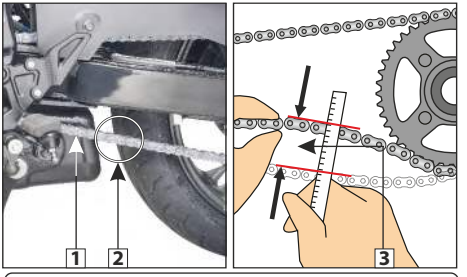
The service life of the drive chain depends upon proper lubrication and adjustment.

Poor maintenance can cause premature wear or damage to the drive chain and sprockets.

The drive chain (1) should be checked and lubricated as part of the pre-ride inspection **(page 6-1).** Under severe usage, or when the vehicle is ridden in unusually dusty areas, more frequent maintenance will be necessary.

Inspection

- Turn the engine "OFF", raise the rear wheel off the ground by placing a support block under the engine and shift the transmission to neutral.
- Drive chain slack (3) should be checked in the lower run midway (2) between the sprockets. Move the drive chain up and down by hand and chain slack should be adjusted to 20-25 mm vertical movement by hand.



(1) Drive chain
(2) Lower run midway
(3) Drive chain slack: 20-25 mm

NOTE

Drive chain slack should be adjusted at your Authorised Hero MotoCorp ***workshop as per the specification.***

- Rotate the rear wheel slowly in reverse direction and inspect the drive chain and sprockets for any of the following conditions.

Drive chain

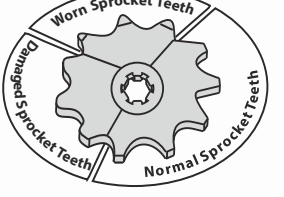
- Damaged rollers
- Loose pins
- Dry or rusted links
- Kinked or binding links
- Excessive wear
- Improper adjustment
- Damaged or missing O-rings

Sprockets

- Excessively worn teeth.
- Broken or damaged teeth.
- If the drive chain has damaged rollers, loose links or missing O-rings, replace it. If the chain is dry or rusted, it should be lubricated.

Lubricate the chain if the links are kinked or binding. If the problem is not solved after lubrication, replace the chain.

If the drive chain or sprockets are excessively worn or damaged, they should be replaced.



CAUTION

Always replace the drive chain and sprockets as a set. Otherwise the new part will wear prematurely.

Adjustment

Drive chain slack should be checked and adjusted, if necessary at every 1000 km.

When operated at sustained high speeds or under conditions of frequent rapid acceleration, the chain may require more frequent adjustments.

If the drive chain requires adjustment, follow the procedure below:

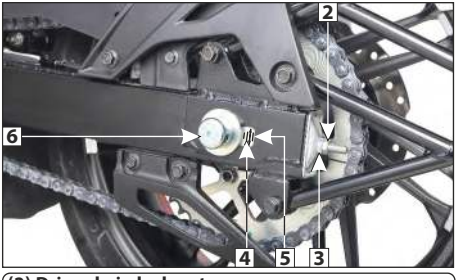
- Park the vehicle, raise the rear wheel off the ground by placing a support block under the engine with the transmission in neutral and the ignition switch in "OFF" position.
- Loosen the rear axle nut (1).



(1) Rear axle nut

- Loosen the drive chain lock nut (2) from both sides.
- Turn the adjusting nut (3) in an equal number of turns until the correct drive chain slack is obtained. Turn the adjusting nut clockwise to decrease the slack or anticlockwise to increase the slack of the chain.
- Align the chain adjuster index mark (4) with the rear edge (5) of the adjusting slots on both sides of the swingarm equally.
- Tighten the rear axle nut.

  Torque: 11 kgf-m



(2) Drive chain lock nut
(3) Drive chain adjusting nut **(4) Index mark**
(5) Rear edge of adjusting slot **(6) Axle**

- Check the drive chain slack again.
- If after adjustment of drive chain slack, axle (6) touches to the rear edge of adjustment slot (5), chain kit has to be replaced.

WARNING

If a torque wrench is not used for installation, see your Authorised Hero MotoCorp ***workshop as soon as possible to check for proper assembly.***

Cleaning and Lubrication

Lubricate every 1000 km or sooner if the chain appears dry.

- Turn the engine off, raise the rear wheel off the ground by placing a support block under the engine and shift the transmission into neutral. Open side stand to facilitate cleaning.
- Wipe the chain with the a soft cloth/brush to remove the dirt accumulation.
- Spray a commercially available chain cleaner along the mid-span on the inner side of entire chain while rotating the rear wheel in reverse direction with other hand. Keep the spray nozzle 6 inches from the chain.

NOTE

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

- Wait for 2-3 minutes, then use chain cleaning nylon brush or a cloth to remove dirt and grease from the chain.
- Wipe the chain with a clean dry cloth. Repeat the steps performed till now if chain is not completely clean.
- Spray chain lubricant along the mid-span on the inner side of entire chain while rotating the rear wheel in reverse direction with other hand.
- Wait 5-10 minutes for penetration of lubricant. Wipe the excessive lubricant from the chain and nearby parts using a clean rag.

NOTE

- ***Excessive lubricant if not wiped off, will aid in accumulation of dust, sand and dirt on the drive chain, increasing its wear. Excessive lubricant may also be sprayed on the vehicle as well due to chain movement.***
- ***Care should be taken to prevent spraying on brake parts.***

CAUTION

- ***Use gloves while cleaning and lubricating the chain. For your own safety, we recommend that service be performed by an Authorised*** Hero MotoCorp ***workshop.***
- ***Steam cleaning, high pressure washers, caustic solvents, thinner, and coarse stiff brushes can damage the drive chain O-rings.***
- ***While lubricating and cleaning, hold the rear wheel with one hand to prevent the possibility of your finger being trapped between the chain and sprocket.***
- ***Clean and lubricate the chain, whenever possible, after riding the vehicle under rain or in terrain with excessive dust, mud or sand.***

! CAUTION

- ***The drive chain is fitted with O-rings between the link plates. These O-rings retain grease inside the chain to improve its service life. However, special precautions must be taken when adjusting, lubricating, washing and replacing the chain.***
- ***The use of non-approved drive chains may result in a broken drive chain or may cause the drive chain to jump off the sprockets leading to loss of vehicle control or an accident.***

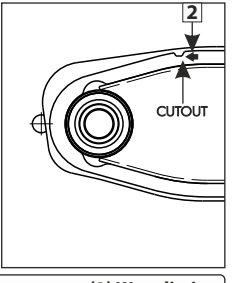
DRIVE CHAIN SLIDER INSPECTION

(Refer to "Maintenance Schedule" on **page 7-3**).

Check the chain slider (1) for wear, The chain slider must be replaced if wear limit (2) is reached.

For replacement, see your Authorised Hero MotoCorp workshop.





(1) Chain slider **(2) Wear limit**

BRAKES

(a) Front brake

Refer to the safety precautions on **(page 7-2).**

Master Cylinder/Reservoir (1)

Location : Right handlebar.

Brake fluid recommended:

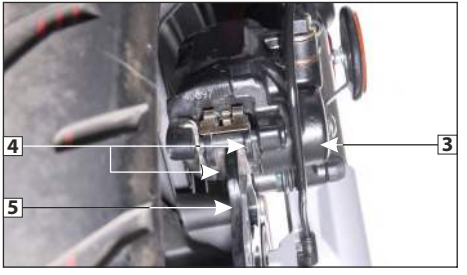
DoT-4.

Fluid level - Ensure that the brake fluid level does not fall below "MIN" (minimum) mark (2) on master cylinder, when checked with the master cylinder parallel to the ground.



(1) Master cylinder/reservoir **(2) "Min" mark**

The level decreases gradually due to piston movement to compensate for pad wear. If the level decreases abruptly, check for the leakages in the brake system and consult your Authorised Hero MotoCorp workshop.



(3) Front brake caliper (4) Brake pad
(5) Disc

NOTE

- ***Clean the dirt and mud accumulation between the front brake caliper (3), brake pads (4) and the disc (5) by using a water jet.***
- ***Always contact your Authorised*** Hero MotoCorp ***workshop for refilling of master cylinder/reservoir when necessary.***
- ***Always use recommended tyres (page 7-27) for better braking performance.***

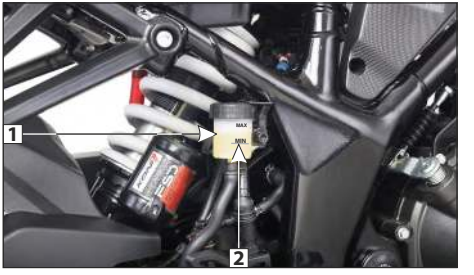
(b) Rear brake

Refer to the safety precautions on **(page 7-2).**

Reservoir (1)

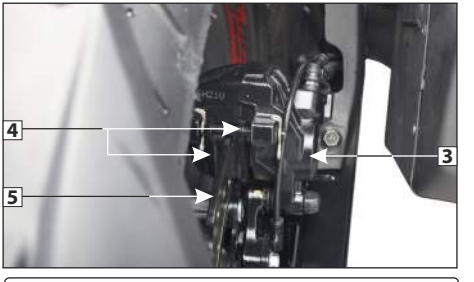
Location : Above the rear brake master cylinder.

Brake fluid recommended : DoT-4.



(1) Reservoir (2) "Min" mark

Fluid level - Ensure that the brake fluid level does not fall below "MIN" mark (2) on the reservoir parallel to the ground. The level decreases gradually due to piston movement to compensate for pad wear. If the level decreases abruptly, check for the leakages in the brake system and consult your Authorised Hero MotoCorp workshop.



(3) Rear brake caliper (4) Brake pads (5) Disc

NOTE

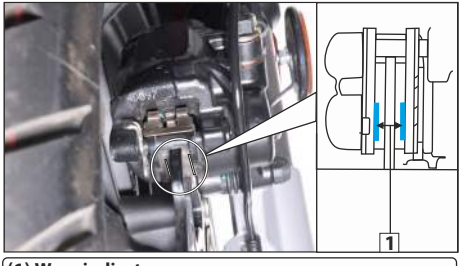
- ***Clean the dirt and mud accumulation between the rear brake caliper (3), brake pads (4) and the disc (5) using a water jet.***
- ***Always contact your Authorised*** Hero MotoCorp ***workshop for refilling of reservoir when necessary.***

(c) Brake pad wear

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

Front brake

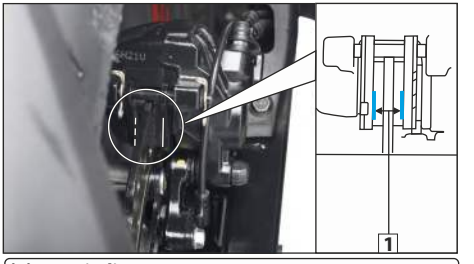
- Check the brake pads for wear by examining the wear indicator groove (1) on each pad.
- If either pad is worn to the bottom of the grooves replace both pads as a set. Visit your Authorised Hero MotoCorp workshop for this service.



(1) Wear indicator groove

Rear brake

Check the wear indicator groove (1) in each pad. If either pad is worn to the bottom of the groove, replace both as a set. Visit your Authorised Hero MotoCorp workshop for this service.



(1) Wear indicator groove

SUSPENSION

Front and rear 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. If it makes a sound, visit Authorised Hero MotoCorp workshop.
- Check the rear monoshock absorber by pushing hard downwards on rear grip while the vehicle is not parked on stand. The suspension action should be smooth and there should be no oil leakage.

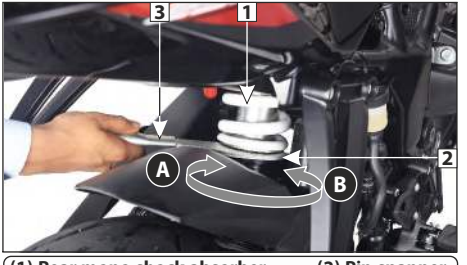


Rear mono shock absorber preload adjustment

Rear monoshock absorber adjustment can be made in any position from 1st to 6th according to the load/road conditions or owner's requirement.

Recommend adjustment

- Solo rider : 2nd position
- Rider + Pillion : 6th position (max preload)
- In direction A: Softer
- In direction B: Stiffer



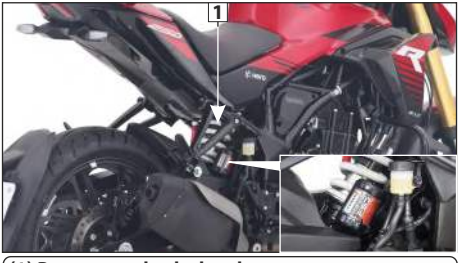
(1) Rear mono shock absorber (2) Pin spanner
(3) Pin spanner handle (A) Softer (B) Stiffer

NOTE

To adjust the rear mono shock absorber (1), use the rear shock absorber adjustment tool [Pin spanner (2) with handle (3)] available in the tool kit.

Frequency Selective Damping (FSD)

Your vehicle is equipped with Frequency Selective Damping (FSD) technology on the rear monoshock absorber (1), which offers multiple benefits by blending comfort with control.



(1) Rear mono shock absorber

- **Enhanced Comfort:** The FSD system smooths out road imperfections, delivering refined and responsive handling for all road conditions.
- **Unmatched Control:** With improved road holding capabilities, the vehicle inspires greater rider confidence. It allows you to experience precise line selection whether you are navigating tight corners or riding on rough patches.

The FSD system is a passive, mechanically adaptive suspension technology that requires no manual adjustments from the rider.

Dynamic Adaptation: The FSD technology works by providing two distinct rebound damping profiles, one for well paved surfaces and the other for rough or broken surfaces.

Optimal Contact: It instantly reacts to the frequency of the suspension's movement over various surfaces to maintain optimal road grip. This ensures the tyre remains in contact with the pavement across diverse riding conditions.

WHEEL

(a) Front wheel

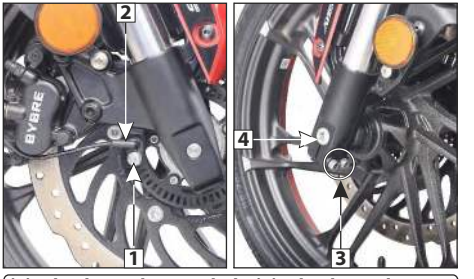
WARNING

Proper wheel balance is essential for the vehicle's safe and stable handling. Do not remove or alter any wheel balance weights. Incorrect balancing can result in instability, which may lead to loss of control and accidents. If wheel balancing becomes necessary, particularly after a tyre change, consult your Authorized Hero MotoCorp ***workshop.***

Removal

Refer to the safety precautions on **(page 7-2).**

- Support the vehicle securely by placing a support block under the engine and raise the front wheel off the ground.
- Remove the wheel speed sensor bolt (1) from right fork leg and disconnect the wheel speed sensor (2).



(1) Wheel speed sensor bolt (2) Wheel speed sensor
(3) Side allen key bolts (4) Front axle nut

- Loosen the front fork side allen key bolts (3).
- Remove the front axle allen key nut with axle (4).
- Remove the side collars (5) from both sides of the wheel.



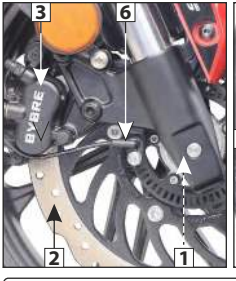
(5) Side collars

! CAUTION

Do not operate front brake lever when the wheel is removed.

Installation

- Install the side collars (1) to both sides of the wheel hub.
- Insert the disc (2) between the pads in the caliper assembly (3). When installing the wheel, carefully fit the brake disc between the brake pads to avoid damage to the pads.
- Tighten the front axle nut (4) to **6.8 kgf-m** torque.
- Tighten the front fork allen key side bolts (5) to **2.1 kgf-m** torque.
- Install the wheel speed sensor (6).





(1) Side collar
(2) Disc
(3) Caliper
(4) Front axle nut
(5) Side allen key bolts
(6) Wheel speed sensor

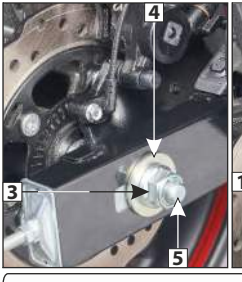
- After installing the wheel apply the brake several times and then check if the wheel rotates freely. Recheck the wheel if the brake drags or if the wheel does not rotate freely.

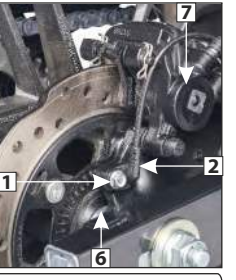
(b) Rear wheel

Removal

Refer safety precautions on **(page 7-2).**

- Support the vehicle securely by placing a support block under the engine and raise the rear wheel off the ground.
- Remove the wheel speed sensor bolt (1) and disconnect the wheel speed sensor (2) cable.
- Remove the rear axle nut (3) and washer (4).
- Remove the axle (5) and the right side collar (6).
- Move the caliper assembly (7) upwards.
- Slide the wheel out from right side.



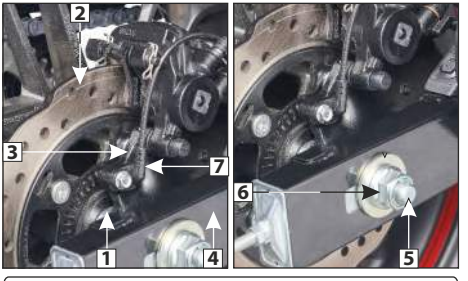


(1) Wheel speed sensor bolt
(2) Wheel speed sensor
(3) Rear axle nut
(4) Washer
(5) Axle
(6) Side collar
(7) Caliper assembly

Installation

- Install the side collar (1) to the right side of the wheel hub.
- Position the rear wheel between the swingarm.
- Insert the disc (2) between the pads in the caliper assembly. When installing the wheel, carefully fit the brake disc between the brake pads to avoid damage to the pads.
- Align the rear caliper holder (3) with the swingarm (4).
- Insert the axle (5) from the left side through the swingarm, wheel hub, collar and rear caliper holder.
- Tighten the rear axle nut (6) to the specified torque.

TORQUE : 11 kgf-m

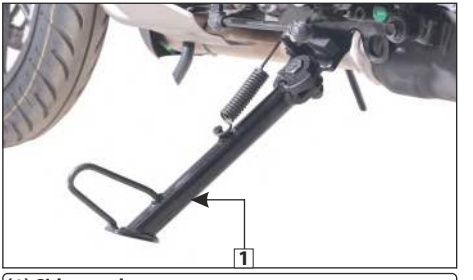


(1) Side collar	**(2) Disc**
(3) Caliper holder	**(4) Swingarm**
(5) Rear axle	**(6) Rear axle nut**
(7) Wheel speed sensor	

- Install the wheel speed sensor (7).
- Adjust the drive chain slack **(page 7-16).**

SIDE STAND LUBRICATION

- Park the vehicle on a level surface.
- Check the side stand return spring for damage or loss of tension.
- Check the side stand (1) for freedom of movement.
- Lubricate the side stand.
- Make sure the side stand is not bent.



(1) Side stand

TUBELESS TYRES

The tyres fitted on your vehicles are of TUBELESS type.

To safely operate your vehicle, your 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 your tyres for damage, and what to do when your tyres need to be repaired or replaced.

WARNING

- ***Using 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 your tyres properly inflated provides the best combination of handling, tread life and riding comfort.

Tyre Pressure Monitoring System (TPMS)

The TPMS unit fitted in both front and rear tyres send the pressure and temperature values of the tyres to the meter console over BLE, and the meter console displays the corresponding values ***(page 5-16)****.*

Generally, under-inflated tyres wear unevenly, adversely affect handling and are more likely to fail from being overheated.

Under inflated tyres can also cause wheel damage in rocky terrain.

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

We recommend that you check your tyres before every ride.

Check the tyre pressure on the meter console **(page 5-16)**.



(1) TPMS

NOTE

- ***The tyre pressures shown on meter console indicate the actual tyre pressure at the time of selecting the TPMS screen. This may differ from the inflation pressure set when the tyres are cold because tyres become warmer while riding, causing an increase in the inflation pressure.***
- ***Only adjust tyre pressures when the tyre are cold.***

The recommended "cold" tyre pressures are:

	Rider only	Rider and Pillion
Front	2.0 kg / cm^2 (29 psi)	2.0 kg / cm^2 (29 psi)
Rear	2.3 kg / cm^2 (33 psi)	2.3 kg / cm^2 (33 psi)

Tubeless tyres have some self-sealing ability against punctures. 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 km-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. If you do, the tyres will be under-inflated.

! CAUTION

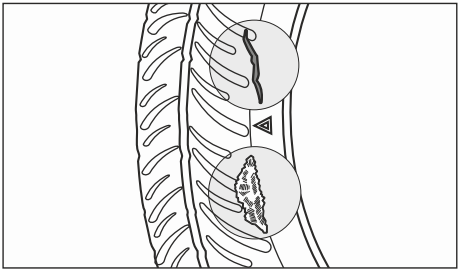
Over inflation/Under inflation of tyres may affect the performance.

Inspection

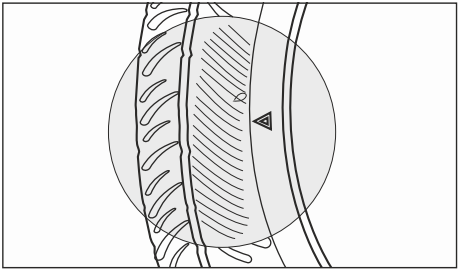
Whenever you check the tyre pressure, you should also examine tyre treads and side walls for wear, damage and foreign objects.

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.

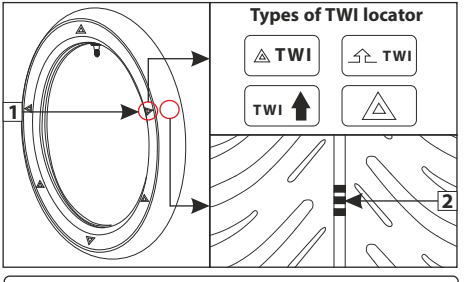
Tread wear

Tread Wear Indicator (TWI) allows you to inspect whether the tyres are worn. First, find the Tread Wear Indicator locator arrow mark (1) on the sidewall of the tyre. The tread wear indicator (2) is present directly in front of the arrow mark in the middle of the tyre inside the groove of tyre tread. It can be a single raised rubber strip or a group of raised rubber strips. Inspect all tread wear indicators on the tyre.

If the tyre treads are worn down to the level of tread wear indicator near any indicator, the tyre must be replaced.

MINIMUM TREAD DEPTH:

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



(1) TWI locator arrow mark (2) TWI

Unidirectional tyres

Whenever the tyre is removed and put back in case of puncture, ensure the arrow mark (1) on the tyre is in the same direction as that of forward rotation of wheel.

! CAUTION

- ***Care must be taken when removing/installing the tyres to prevent any damage to the TPMS sensors.***
- ***Always have the tyres mounted by a trained technician. It is important to inform them that tyre pressure sensors are installed on the wheels before they remove the tyres. Visit your Authorised*** Hero MotoCorp ***workshop for best results.***

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 dealer/workshop 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 replaced, be sure the wheel is balanced before you ride.

Tyre replacement

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

The recommended tyres for your vehicle are:

Front	110/70-17 M/C 54H TL
Rear	150/60 ZR17 M/C 66W TL

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.***

NOTE

The imported tyre(s) if fitted without ISI mark; are in compliance of BIS standard and Central Motor Vehicle Rules 1989, as declared by the Tyre manufacturer.

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.

NUTS, BOLTS AND FASTENERS

- Tighten bolts and nuts at regular interval shown in the maintenance schedule.
- Check that all chassis nuts and bolts are tightened to correct torque values.
- Check that all cotter pins, safety clips, hose clamps and cable stays are in place.



BATTERY

Refer to the safety precautions on **(page 7-2).**

Location

The battery is located below the battery cover.

Specification

*MF Battery-12V-8 Ah/ETZ-9

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

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 Hero MotoCorp workshop 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.***

***MF stands for Maintenance Free**

Battery charging

Always visit your Authorised Hero MotoCorp workshop 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 additional electrical accessories are fitted on the 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 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

Always visit your Authorised Hero MotoCorp workshop for the removal of battery.

FUSE REPLACEMENT

Refer to the safety precautions on **(page 7-2).**

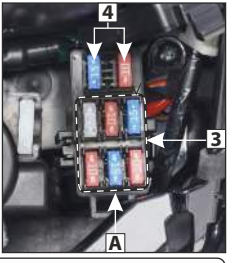
Fuse box (A): Location: Below battery cover.

Fuse type: Blade fuse

Main fuse (3) : 25A,15A X 2, 10A X 3

Spare fuse (4) : 15A, 10A





(A) Fuse box (1) Allen screw (2) Battery cover
(3) Main fuse : 25A,15A X 2, 10A X 3
(4) Spare fuse : 15A, 10A

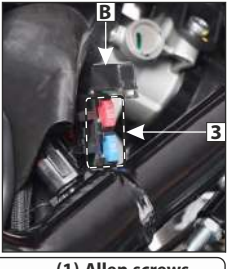
Fuse box (B)

Location : Behind right utility cover.

Fuse Type: Blade fuse

Main fuse (5) : 10A & 15A





(B) Fuse box (1) Allen screws
(2) Right Utility cover
(3) Main fuse : 15A , 10A

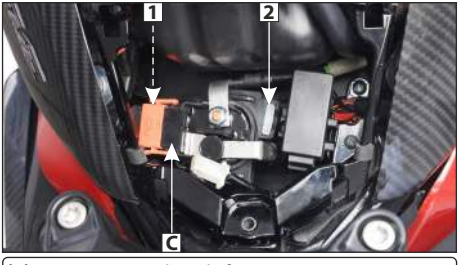
Starter magnetic switch (C)

Location : Below battery cover.

Fuse Type: Blade fuse

Main fuse (1) : 25A

Spare fuse (2) : 15A, 10A



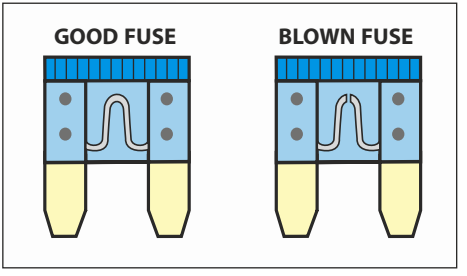
(C) Starter magnetic switch
(1) Main fuse:25A (2) Spare fuse: 25A

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.

CAUTION

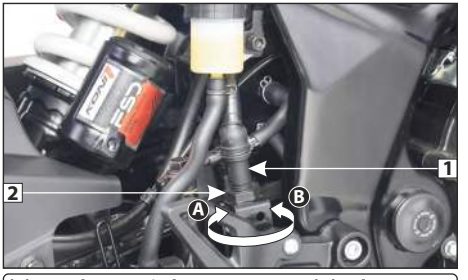
- ***Do not attempt to start or ride the vehicle without a charged battery, it can cause a permanent damage to certain electrical components.***
- ***Turn the ignition switch "OFF" before checking or replacing the fuse to prevent accidental short-circuiting.***



STOP LAMP SWITCH

The stop lamp switch (1) must be adjusted so that stop lamp glows when rear brake is applied. The procedure for adjusting stop lamp is as follows :

- Turn the ignition switch to the "ON" (⚷) position.



(1) Stop lamp switch
(2) Adjusting nut
(A) Advance
(B) Retard

- Turn the adjusting nut (2) to position stop lamp switch at a point where the stop lamp glows once the brake pedal is depressed. Turn the adjusting nut in direction (A) to advance switch timing or in direction (B) to retard switch timing.

HEADLAMP FOCUS ADJUSTMENT

- Headlamp is factory pre-set. However in case of adjustment required, please follow the steps as given below:
- Headlamp adjustment is done by the loosening or tightening the screw (1) located below the headlamp assembly.



(1) Headlamp adjusting screw

- Park the vehicle on the level ground.
- Adjust the headlamp beam by loosening or tightening the screw (1) located below the headlamp assembly for correct focus adjustment.

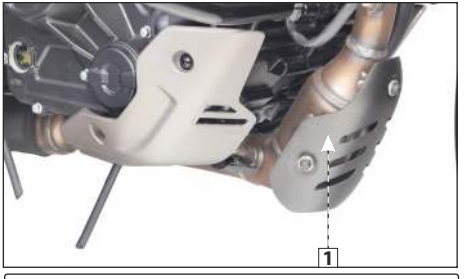
- For correct headlamp focus adjustment, it is recommended to visit Authorised Hero MotoCorp workshop.

WARNING

An improperly adjust headlamp may blind oncoming rider/driver or it may fail to light the road for a safe distance.

CATALYTIC CONVERTER

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



(1) Catalytic converter

The catalytic converter contains precious metals that serve as catalysts, promoting chemical reactions to convert the exhaust gases without affecting the metals. The catalytic converter acts on hydrocarbons (HC), carbon monoxide (CO) and nitrogen oxides (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 comes near it. Park your vehicle away from high grasses, dry leaves, or other flammable material.

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.

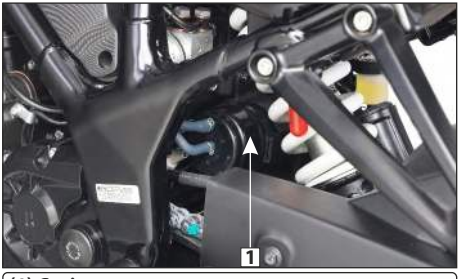
CAUTION

Avoid keeping any cloth or flammable object between hot parts (muffler, radiator, engine).

EVAPORATIVE EMISSION CONTROL SYSTEM

This vehicle is equipped with an evaporative emission control system to meet emission standards. During warm weather, the petrol vapours (containing hydrocarbons (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.



(1) Canister

The canister (1) collects the fuel vapour from the fuel tank, which gets drawn into the engine for combustion. This prevents pollution that would otherwise have been caused by diffusion of fuel vapour directly into the atmosphere.

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 paint.

08

BASIC TROUBLESHOOTING

BASIC TROUBLESHOOTING

1. STARTING TROUBLE - ENGINE DOES NOT START

A. Integrated Start-Kill Switch

Check engine stop switch position → "OFF" → Turn to "ON" (⟳) position

Check engine stop switch position → "ON" (⟳) position → **Consult Authorised** Hero MotoCorp **Workshop**

B. Side Stand Engine Kill System

Check side stand in gear condition **(page 5-48)** → Side stand "Down" → Move the side stand up

Check side stand in gear condition **(page 5-48)** → Side stand "Up" → **Consult Authorised** Hero MotoCorp **Workshop**

C. Fuel System

Check fuel gauge → Low fuel indicator glows continuously → Refill the fuel tank

Check fuel gauge → OK → Check fuel lines → Leakage → **Consult Authorised** Hero MotoCorp **Workshop**

Check fuel gauge → OK → Check fuel lines → OK → Check for operating sound of fuel pump → Broken fuel pump wire connector → Secure connections

Check fuel gauge → OK → Check fuel lines → OK → Check for operating sound of fuel pump → OK → **Consult Authorised** Hero MotoCorp **Workshop**

D. Electric Starter Not Working

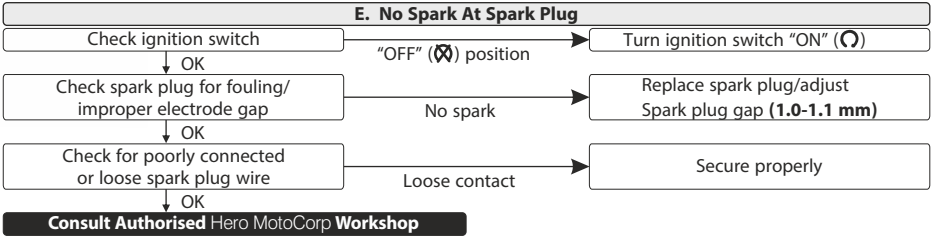
Check fuse → Fused → Replace fuse **(page 7-31)**

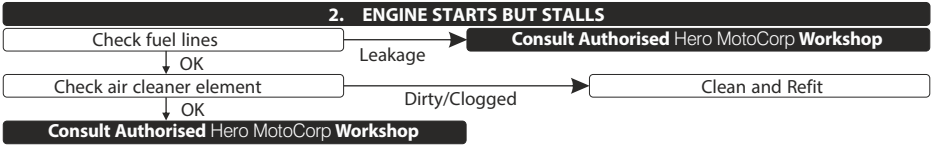
Check fuse → OK → Inspect battery → Weak → **Consult Authorised** Hero MotoCorp **Workshop**

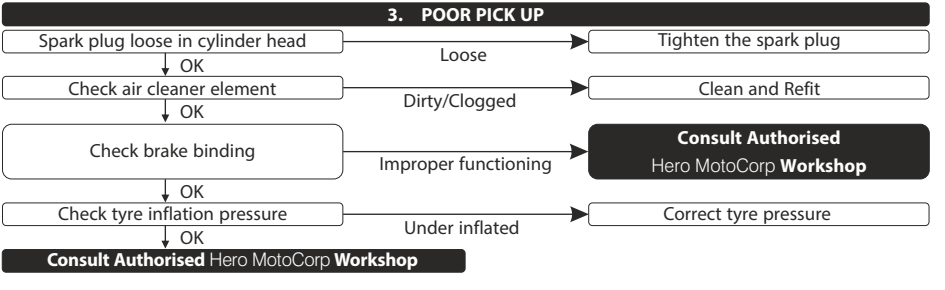
Check fuse → OK → Inspect battery → OK → Check connections, ignition switch/starter switch → Loose → Secure connections

Check fuse → OK → Inspect battery → OK → Check connections, ignition switch/starter switch → OK → **Consult Authorised** Hero MotoCorp **Workshop**

BASIC TROUBLESHOOTING







BASIC TROUBLESHOOTING

4. ELECTRICAL SYSTEM

Feeble Horn Sound or No Light

- Check fuse
  - Broken fuse → Replace fuse
  - OK
- Inspect battery
  - Weak → **Consult Authorised** Hero MotoCorp **Workshop**
  - OK
- Check LED's lamp functioning
  - Improper functioning → **Consult Authorised** Hero MotoCorp **Workshop**
  - OK
- Check connections
  - Loose → Secure connections
  - OK
- **Consult Authorised** Hero MotoCorp **Workshop**

5. COOLING SYSTEM - ENGINE OVERHEATS

- Check coolant level
  - Less → Top up coolant
  - OK
- Check hose connections for leakages
  - Leakage → **Consult Authorised** Hero MotoCorp **Workshop**
  - OK
- Check radiator fins
  - Dirty → Clean radiator fins. Do not use high pressure jet to clean the radiator.
  - OK
- Check foam formation in cooling system
  - Improper functioning → **Consult Authorised** Hero MotoCorp **Workshop**
  - OK
- Check radiator fan system
  - Improper functioning → **Consult Authorised** Hero MotoCorp **Workshop**
  - OK
- **Consult Authorised** Hero MotoCorp **Workshop**

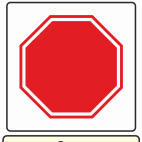
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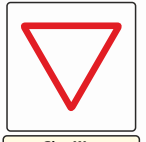
ROAD SIGNS

ROAD SIGNS

Mandatory signs: These road signs inform drivers/riders of the traffic rules that apply on a certain stretch of road, thereby instructing them on how to drive/ride. Mandatory signs are distinguished by the bright red circle with black and blue markings. It is imperative that all riders follow these signs as they help avoid accidents. Their violation can be penalised under the Motor Vehicle Act.

Mandatory


Stop


Give Way


One Way


No Horn


No Bicycles


No Automobiles


No Hand Cart


No Pedestrians


No Right Turn


No 'U' Turn

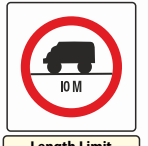

Overtaking Prohibited



Speed Limit


No Stopping or Standing


No Parking

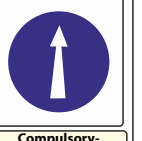


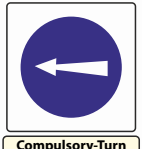
Length Limit



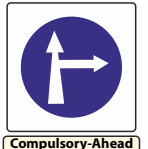
High Limit


Restriction Ends


Compulsory-Ahead Only


Compulsory-Turn Left


Compulsory-Right Ahead


Compulsory-Ahead or Turn Right


Compulsory-Keep Left


Compulsory-Bicycle Track


Compulsory-Sound Horn

ROAD SIGNS

Cautionary signs: These signs inform the driver/rider of the road conditions ahead. Cautionary signs therefore serve as a warning. They are usually in a red triangle with black pictures on a white background. Illustrations, diagrams and symbols are used to forewarn about dangers ahead. Cautionary road signs are as important as mandatory signs. However, the violation of cautionary signs does not attract penalty.

Cautionary


Right Hand Curve


Right Reverse Bend



Incline Ahead


Narrow Road Ahead


Narrow Bridge


Pedestrian Crossing


School Ahead


Gap in Medium


Cross Road


Men at Work


Roundabout

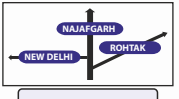

Hump Road

ROAD SIGNS

Informatory signs: These are facility signs that provide important information about road directions are maps of specific destinations. On highways, they provide information about the location of public telephones, restaurants, hospitals, parking, petrol pumps, resting-places and more. These signs are usually rectangular, with black or white pictures on a blue background.

Informatory





Destination Sign


Hospital


First Aid Post


Petrol Pump


Eating Place


Resting Place


Public Telephone



Place Identification Place


Light Refreshment



Taxi Stand



Parking Both Sides



Parking This Side


No Through Road



No Through Side Road



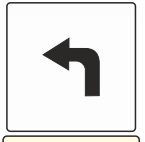
Re-assure Sign

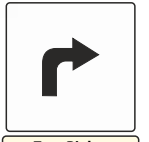
Signs and Signals are language of the road. Learn them, respect them.

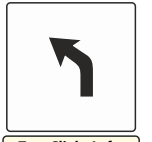
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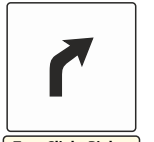
NAVIGATION SIGN

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

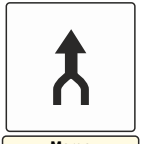

Turn Slight Left

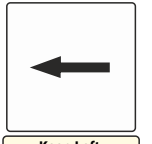

Turn Slight Right

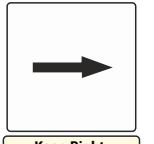

Turn Sharp Left

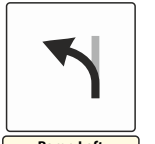

Turn Sharp Right


Straight


Merge


Keep Left

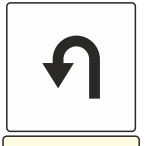

Keep Right

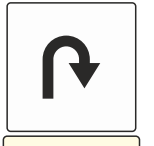

Ramp Left


Ramp Right


Round About Left


Round About Right

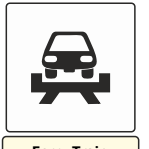

U Turn Left


U Turn Right


Fork Left


Fork Right


Ferry


Ferry Train


Destination Reached



Wrong way

11

Warranty	11-1
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WARRANTY

Hero MotoCorp Ltd.

WARRANTY

Scope of warranty

Hero MotoCorp Ltd. (hereinafter called 'Hero MotoCorp') warrants its **XTREME 250R** vehicles, assembled/manufactured in its Plants and sold through its channel partners, to be free from any defect - both in material and workmanship, under normal use and conditions, subject to the following terms & conditions.

Terms & conditions

a) **XTREME 250R** vehicle is warranted for a period of **5 years or 70000 Km**, whichever is earlier, from the date of purchase, emission warranty is separately covered under the head of "Emission Warranty".

b) It is advised that the purchaser avails all free and paid services from the Hero MotoCorp's authorized workshop as per the recommended schedule, to be eligible for warranty benefits. Each paid service should be availed within 180 days from the date of previous service or as per the recommended schedule, whichever is earlier.

c) If any problem is observed in **XTREME 250R** vehicle, Hero MotoCorp's only obligation/ liability is to repair or replace that part/those parts which is/are considered to be the cause of such problem, provided however that such problem has not resulted due to misuse/improper handling etc. of the vehicle. Any **XTREME 250R** vehicle needing repair should be brought to Hero MotoCorp's authorized workshop for necessary inspection and carrying out rectification job.

Hero XTREME 250R **Hero MotoCorp Ltd.**

LIMITATIONS OF WARRANTY

The warranty shall not apply—

(1) If all free services/paid services/oil top-ups are not availed as per the recommended schedule at Hero MotoCorp's workshop.

(2) If any other engine oil which is non compatible with the product is used other than SAE 10W 30 SL MA2 fully synthetic PAO based oil.

(3) To normal wear & tear and ageing of components including (but not limited to) brake shoes/pads, clutch plates, drive chain & sprockets, bulbs, electrical wiring, filter, spark plug, fasteners, shims, washers, oil seals, gaskets, rubber parts, bush, rubber bellows, plastic parts breakage, wheel rim for misalignment/bend, steering ball race & cone, control cables such as brake cable/clutch cable, fuses (all types), steering handle for bend and sticker peel off.

(4) If additional wheel(s) is/are fitted and/or any other modification carried out/unauthorized accessories fitted which shall be responsible for malfunction/deterioration of the vehicle or modifications/ alterations are made to the vehicle which are not permissible under applicable laws, or modifications, alterations, tampering or improper repair are undertaken at unauthorised workshops.

(5) If any modifications/alterations/repairs are made to the vehicle which are (a) not as per applicable laws, and/or (b) are undertaken at unauthorized workshops.

(6) If there has been any tampering or improper repair undertaken.

(7) If **XTREME 250R** vehicle has been used in any competitive events like races or rallies or for any commercial purposes or if any damage results from misuse or use beyond the limitation of the intended purpose or any damage due to use under abnormal conditions.

(8) To any damage on vehicle's painted surface cropping up due to industrial pollution or other external factors.

(9) For normal phenomena like noise, vibration, oil seepage etc., which do not affect the performance, quality and/or function, of the vehicle.

(10) To any damage caused due to usage of improper oil/grease and/or non-genuine parts.

(11) If any defect crops or repairs needed as a result of using adulterated fuel.

(12) If any maintenance/repairs required due to bad road conditions or misuse of **XTREME 250R** vehicle or required due to operation or use of the vehicle at any place or for such purpose for which the vehicle is not designed or manufactured.

(13) If any defect crops or repairs needed as a result of **XTREME 250R** vehicle meeting with some accident.

(14) For consumables like oil, grease, gasket etc to be used during free services and/or warranty repairs.

(15) If any damage results from repair, adjustment or maintenance operations by any method other than the methods specified by Hero MotoCorp.

(16) If any damage results from operation, whether intentional or accidental, other than as specified in the Owner's Manual.

(17) To electrical components such as bulbs, fuses, electrical wiring cut due to external reasons (Rat bites etc.).

Hero MotoCorp Ltd.

(18) Any cost for periodic maintenance such as cleaning, inspection and adjustment.

(19) To any part of the **XTREME 250R** vehicle which has been tampered or repaired in such a manner which has resulted in malfunction of the vehicle.

(20) For **XTREME 250R** vehicle not used in accordance with the guidelines given in this Owner's Manual.

(21) To proprietary items like tyres, tubes, batteries, etc, as they are subjected to the warranty terms & conditions of the respective manufacturers and directly handled by them only.

(22) Any defect(s) developing on account of external factors such as environmental factors; including but not limited to fading/peeling/rusting of paint and/or stripes and/or plated parts, seat leather tearing & cracking, aluminum parts oxidation and cracking & discoloring of control switches etc. or any damage resulting from soot and smoke, use of chemical, bird droppings or damage by sea water, sea breeze or salt.

(23) If any damage results from operation, whether intentional or accidental, other than as specified in the Owner's Manual.

(24) If the odometer of **XTREME 250R** has been altered or tampered.

(25) If the Vehicle's Identification Number (VIN) or Engine number has been altered or removed, or any circumstances exist that makes it difficult or impossible to establish the true history, origin and warranty coverage of the vehicle or part in question.

(26) If any damage is caused due to a force majeure event, such as flood, fire, terrorist act, etc.

Hero MotoCorp shall not be liable for (a) any incidental, indirect or consequential damages/loss of any kind whatsoever, and (b) any delay in servicing beyond its control or the control of its authorised dealerships/workshops.

This warranty is only given by Hero MotoCorp and no employee, dealership, workshop or any other person is authorised to extend the warranty provided herein. Hero MotoCorp's obligation under this warranty shall be limited to repairing or replacing, free of cost, those parts of the vehicle which upon examination by the Hero MotoCorp may prove to the satisfaction of Hero MotoCorp to have a manufacturing defect.

Hero MotoCorp's **obligation under this warranty shall be limited to repairing or replacing, free of cost, those parts of the vehicle which upon examination by** Hero MotoCorp **may prove to the satisfaction of** Hero MotoCorp **to have a manufacturing defect. Decision regarding warranty settlement shall be taken by** Hero MotoCorp **and the same shall be final and binding on all concerns.**

Subject to DELHI JURISDICTION only.

Hero XTREME 250R **Hero MotoCorp Ltd.**

BATTERY WARRANTY

Battery fitted in **XTREME 250R** is a proprietary product of the battery manufacturer and shall be fulfilled and handled directly by the battery manufacturer; Hero MotoCorp shall not be liable for the same. The battery warranty shall be for the period and governed by the terms and conditions as mentioned herein below:

Warranty Period:

The battery is warranted by the battery manufacturer for a period of 18 months from date of sale of vehicle or 20000 km whichever is earlier.

Terms and conditions of warranty

1. Batteries are warranted against all defects in material and workmanship. Liability under this warranty is limited to making good of defects rising solely from the use of faulty material or workmanship during manufacturing and developing under proper use.
   The warranty commences from the date of delivery to the original purchaser of the vehicle.
2. In the event of any complaint the battery is to be returned complete with electrolyte to nearest battery service station or to the dealer. On inspection, battery will be returned or replaced.
3. This warranty card accompanies a battery sold as OEM fitment only. Claims should be supported with vehicle purchase invoice to enable processing.
4. The right to determine whether a battery needs repair or total replacement lies with the battery manufacturer. In case where the battery is replaced, the defective battery becomes the property of the company and no scrap rebate will be given for it. The warranty period on the battery being repaired/replaced shall commence from the date of sale of the original battery as stated in the original warranty card.
5. All liabilities under this warranty will cease if the battery is used on the vehicle other than that on which the battery was originally fitted and on the expiry of the warranty period as mentioned above.
6. Recharging is not covered under the purview of this warranty and shall be billed as extra. However, free of cost (FOC) battery replacement/ repair includes cost of charging.
7. This warranty does not cover damage to the battery caused by faulty electrical systems, incorrect charging and filling, improper handling of the battery by unauthorized dealers/auto electricians, maintenance, willful abuse, destruction by fire, collusion, theft or recharging.
8. Breakage of container and cover do not come under the purview of this warranty.
9. Adjudication and settlement of claim will take a couple of days as a battery has to be tested for the reported failure.
10. In case of tampering of the original wiring circuit in any manner whatsoever.
11. If a battery which is not recommended is fitted on the vehicle then such battery will not carry any warranty.
12. The applicable taxes which are leviable on the battery under repair or replacement will be borne by you (the customer).
13. You (the customer) are deemed to have read, understood and agreed to these conditions at the time of purchase of the vehicle.

Hero XTREME 250R **Hero MotoCorp Ltd.**

EMISSION WARRANTY

Scope of warranty

Hero MotoCorp Ltd. warrants all its vehicles, assembled/manufactured at its various Plants and sold through its channel partners, to comply with emission standards as specified in sub rule (2) of Rule 115 of Central Motor Vehicles Rules, 1989, subject to following terms & conditions.

Terms & conditions

a) The emission warranty shall be applicable in India and shall remain valid for a period of 3 years or 30000 km, whichever occurs earlier, from the date of vehicle purchase.

b) The parts, which are covered under emission warranty are fuel injector, fuel pump, throttle body, ignition coil, oxygen sensor and muffler ("Emission Related Component(s)").

c) In case any defect is observed in any Emission-Related Component(s) which are covered under emission warranty, Hero MotoCorp's only obligation/liability shall be to repair and/or replace those part (s) which is/are considered to be the cause of non-compliance with the emission standards.

d) The method (s) of examination to determine the warranty conditions of the Emission Related Component will be at the sole discretion of Hero MotoCorp and / or its channel partners / service center and result of such examination shall be final and binding. If on examination the warranty conditions of the Emission Related Component is / are not established, Hero MotoCorp will have the right to charge all, or part of the cost of such examination / service charges to you in addition to the cost of the components.

e) Hero MotoCorp shall have the sole discretion to decide to replace the defective Emission Related Component or the entire assembly or any other part required for such repair.

f) The emission warranty shall be applicable only to those vehicles, which are being regularly maintained in accordance with the maintenance schedule provided in the Owner's Manual.

g) You should follow the recommended parts replacement as per the maintenance schedule in order to avail the emission warranty.

h) If any Emission Related Component is/are tampered and/or repaired by unauthorized person/ workshops etc, then the emission warranty shall stand cancelled.

i) Any Emission Related Component suffering from wear and tear under the normal course of running shall not be covered under the emission warranty. Therefore, all such parts should be replaced by you from time to time, on payment basis, as per the maintenance schedule provided in Owner's Manual and dealer's advice.

Hero XTREME 250R **Hero MotoCorp Ltd.**

EMISSION WARRANTY

j) It is recommended to avail the services as per the recommended schedule to be eligible for the emission warranty benefits. Please ensure that each paid service is availed within 180 days from the date of previous services or as per the recommended schedule, whichever is earlier.

k) It is mandatory to obtain a PUC certificate from the authorised PUC center. In case of non-compliance with the emission standards please contact the channel partner/authorised workshop immediately along with the previous OK certificate, for the necessary rectification. The manufacturer or the dealer is not responsible for any penalty levied on you on account of non-compliance with the emission standards.

l) Emission warranty shall not be applicable if

- The vehicle has been subjected to abnormal use, abuse, neglect and improper maintenance or has met with an accident.
- The vehicle, or parts including the Emission Related Component(s) thereof, has been altered, tampered with or modified or replaced in an unauthorized manner.
- The odometer is not functioning or the odometer and/or its reading has been changed/tampered with, so that the actual distance covered cannot be readily determined.
- The vehicle has been used for competitions, races, and rallies or for the purpose of establishing records.
- If any damage results to the Emission Related Component(s) covered under from repair, adjustment or maintenance operations by any method other than the methods specified by Hero MotoCorp.
- If any damage results from operation, whether intentional or accidental, other than as specified in the Owner's Manual.
- Any cost for periodic maintenance such as cleaning, inspection and adjustment.
- If any damage is caused to the Emission Related Component(s) due to a force majeure event, such as flood, fire, terrorist act, etc.

m) All decisions regarding emission warranty settlement shall be taken by Hero MotoCorp and shall be final binding on all concerned.

Subject to Delhi jurisdiction only.

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HERO GENUINE PARTS

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

Clutch Plate	• Material used is inferior • Damages other parts of clutch like, clutch center and outer clutch • Affects fuel efficiency • Poor acceleration
Cam Chain Kit	• Poor performance • Reduced life
Gasket Cylinder Head	• Improper sealing • Engine knocking • Leads to leakage and smoky exhaust • Higher emission level

GENUINE PARTS

CONSEQUENTIAL DAMAGES ON USING NON-GENUINE PARTS

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 • Spark plug and rubber sleeve
Brake Pads/Shoes	• Poor braking efficiency • Rider safety-an issue • Discs/Drum wear out, resulting in subsequent repair cost
Chain Sprocket Kit	• Noisy operation • Failure of chain can cause fatal accident

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ZONAL/REGIONAL OFFICES

ZONAL/REGIONAL OFFICES

For any of your service related query/requirements you may contact the respective Zonal/Regional offices.

CENTRAL ZONE

Hero MotoCorp Ltd., NO. 209-210 , Ganpati Plaza , M.I Road, Jaipur -302001, Rajasthan, India
Tel:+91-141-238903, +91-141-2389156, E-mail: jaipur@heromotocorp.com

Hero MotoCorp Ltd. Office No. 705-706, 7th Floor, Manglam Fun Square, Durga Nursery Road, Udaipur-313001, Rajasthan, India.
E-mail:udaipur@heromotocorp.com

Hero MotoCorp Ltd., 601-602, 6th floor maloo 01 service road ring road, near by velocity (Miraz) cinema 452010 Indore, India.
E-mail: indore@heromotocorp.com

Hero MotoCorp Ltd. Office No. 55 to 59, 1st Floor, Maple High Street, Opposite Aashima Mall, Hoshangabad Road, Bhopal - 462026, Madhya Pradesh, India. Tel:+91-755-2994398, E-mail: bhopal@heromotocorp.com

Hero MotoCorp Ltd., Office No. 401, 4th Floor, Offizo, Magneto Mall, Labhandi, G. E. Road, Raipur - 492001 Chhattisgarh, India.
Tel:+91-0771-4034749, E-mail: raipur@heromotocorp.com

EAST ZONE

Hero MotoCorp Ltd., Flat No: 1002. 10th Floor, Martin Burn Business Park, BP3, Salt Lake, Sector-V, Kolkata - 700091, India.
Tel: +91-33-44026841+91-33-32580052, E-mail: kolkata@heromotocorp.com

Hero MotoCorp Ltd., Business Centre, Plot No.30, 30/982,172/1030, 4th Floor, Cuttack-Bhubaneswar Highway Road (Main Road towards Cuttack adjacent to Marble Emporium & In front of SBI Industrial Branch), Rasulgarh, Bhubaneswar-751010 India.
Tel: +91-0674-2581161, +91-0674-2581162, +91-0674-2581163, +91-0674-2581164, E-mail: bhubaneshwar@heromotocorp.com

Hero MotoCorp Ltd., Yash Heights, 1st Floor, Bariatu Road, Ranchi- 834009 (Jharkhand) India
Tel: +91-0651-2542222, +91-0651-2542224, +91-0651-2542225, E-mail: ranchi@heromotocorp.com

Hero MotoCorp Ltd., Sai Corporate Park, 'A' Block, 6th Floor, Rukanpura, Bailey Road, Patna - 800014 (Bihar) India
Tel: +91-0612-2590587, +91-0612-2590588, +91-0612-2590589, E-mail: patna@heromotocorp.com

Hero MotoCorp Ltd., 158, Christian Basti, Golden Heights - 3rd Floor, Reliance Trend Buildings, Adjacent Central Mall, G.S. Road, Guwahati-781005 (Assam) India. Tel: 0361-2340058.

NORTH ZONE

Hero MotoCorp Ltd., 3rd Floor, DLF Centre Court, Golf Course Road, DLF Phase 5, Sector 42, Gurugram, Haryana - 122002.
Tel:+91-0124-4754800, E-mail: delhi@heromotocorp.com

Hero MotoCorp Ltd., S.C.O 367 - 368 , First Floor, Sector-34A, Chandigarh - 160022, India.
Tel: +91-172-2623773, +91-172-2623774, 91-172-2623775, E-mail: chandigarh@heromotocorp.com

Hero MotoCorp Ltd., Hero MotoCorp Ltd. Hotel Mandakini Compound, 01, Haridwar Road, Dehradun - 248 001, India.
Tel: +91-135-2724661+91-135-2724662, E-mail: Dehradun@heromotocorp.com

NORTH ZONE

Hero MotoCorp Ltd., Summit Building (10th Floor) Plot No:TCG 3/3 Vibhuti Khand, Gomti Nagar, Lucknow - 226010
Tel: 0522-4006594, E-mail: lucknow@heromotocorp.com

Hero MotoCorp Ltd., IP Grand, 3rd floor, C-19/134-B, Lallapura, Sigra, Varanasi, Uttar Pradesh - 221010, India.
+91-0542-2508440, +91-0542-2508441, E-mail: varanasi@heromotocorp.com

SOUTH ZONE

Hero MotoCorp Ltd., No - Skav 909 Lavelle Building, Richmond Road, Shanthala Nagar, Ashok Nagar, Bengaluru, Karnataka 560025, India.
Tel: +91-80-46881000, E-mail: bangalore@heromotocorp.com

Hero MotoCorp Ltd., 9th Floor Seshachalam Centre no.636/1. Anna Salai, Nandanam. Chennai 600035, India.
Tel: 044-24340974, 044-24340977, 044-24340978, E-mail: chennai@heromotocorp.com

Hero MotoCorp Ltd., 6-A, DD Trade Tower (6th Floor), Kaloor - Kadavanthra Road, Kaloor, Kochi - 682 017, India.
Tel: +91-0484-4039646, +91-0484-4039647, E-mail: cochin@heromotocorp.com

Hero MotoCorp Ltd., Door No: 1547, Classic Towers, 2nd floor, Trichy Road, Coimbatore - 641018 India
Tel: +91-422-2200058, +91-422-2200061, E-mail: coimbatore@heromotocorp.com

Hero MotoCorp Ltd., First Floor, V A Kalburgi Mahalakshmi Mansion, Mandakini Hospital Road, New Cotton Market, Hubli - 580029, India.
Tel: 0836-2269717, 0836-2361038, E-mail: hubli@heromotocorp.com

Hero MotoCorp Ltd., Gowra Fountain Head, Unit - 1402 & 1403, 14th Floor, Sl No- 80,83,84, Partiknagar, Madhapur, Hitech City, Hyderabad - 500081, Telangana, India. E-mail: hyderabad@heromotocorp.com

Hero MotoCorp Ltd., D.No. 54-11-18E, 2nd Floor, Sai Odyssey Building, Opp Executive Club, Near NH-5, Andhra Pradesh, Vijayawada - 520 008, India. Tel: +91-866-2546859, E-mail: vijaywada@heromotocorp.com

WEST ZONE

Hero MotoCorp Ltd., Sr. No. 33, Hissa-A-1/1/2, Plot - 2, Chrome Building, Viman Nagar, Nagar Road, Next to Hotel Hindustan International, (HHI), Pune - 411 014 India. Tel: +91-020-71903500, E-mail: pune@heromotocorp.com

Hero MotoCorp Ltd., 604, Gunjan Towers, Off Alembic-Gorwa Road, Baroda - 390 023, India.
Tel: +91-265-2286569 +91-265-2286570, E-mail: baroda@heromotocorp.com

Hero MotoCorp Ltd., Astarc House, Third Floor, 76/79, Makwana Lane, Off. Andheri Kurla Road, Andheri (East), Mumbai - 400 059, India.
Tel: +91-2269830000, E-mail: mumbai@heromotocorp.com

Hero MotoCorp Ltd., Ground Floor, Block No.2, Vishnu Vaibhav Complex, 222, Palm Road, Civil Lines, Nagpur - 440 001, India.
Tel: +91-712-2545990, +91-712-2545991, E-mail: nagpur@heromotocorp.com

Hero MotoCorp Ltd., 2nd Floor, B-201, Pride Corporate, Royal Park, Kalavad Road, Rajkot, Gujarat - 360001 India.
Tel: +91-0281-2460622, +91-0281-2930530, E-mail: rajkot@heromotocorp.com