PREFACE No: IBUD

Thank you for selecting a HMCL Niloy Bangladesh Ltd. **PLEASURE.** We wish you many miles of continued riding pleasure in the years ahead.

We, at HMCL Niloy Bangladesh Ltd., are committed to demonstrate excellence in our environmentperformance 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 and strengthen the green supply chain. We are also using non asbestos brake shoes and engine gaskets which are environment friendly in nature.

This booklet is your guide to the basic operation and maintenance of your new HMCL Niloy Bangladesh Ltd. **PLEASURE.** Please take time to read it carefully. As with any fine machine, proper care and maintenance is essential for trouble-free operation and optimum performance.

Your Authorised Distributor and Dealer(s) of the Distributor **("Dealer")** will be glad to provide further information or assistance and is equipped to handle your future service needs.

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

NOTE

ALL INFORMATION, ILLUSTRATION, PHOTOGRAPH, DIRECTIONS, SPECIFICATIONS AND OTHER CONTENTS COVERED IN THIS OWNER'S MANUAL ARE BASED ON THE LATEST PRODUCT INFORMATION AVAILABLE AT THE TIME OF ITS PRINTING APPROVAL, AND THE ACCURACY OR CORRECTNESS OF THE SAME IS NOT UNDERTAKEN OR GUARANTEED.

HMCL Niloy Bangladesh Ltd. ***RESERVES THE RIGHT TO MAKE CHANGES IN ITS CONTENTS AT ANY TIME WITHOUT NOTICE AND/OR INCURRING ANY OBLIGATION, WHATSOEVER. NO ONE IS ALLOWED TO REPRODUCE ANY PART OF THIS PUBLICATION WITHOUT OBTAINING PRIOR WRITTEN PERMISSION FROM*** HMCL Niloy Bangladesh Ltd.

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VEHICLE IDENTIFICATION



VIN

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



Engine No.

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

VIN: PS1XXW02XYZXYYYYY

PS1	XXW02	X	Y	Z	X	YYYYY
Manufacturer code	Vehicle Description	Check Digit	Model Year	Plant Code	Month of Manufacturing	Production Serial Number

Engine No.: XXXXEGYZXYYYYY

XXXXEG	Y	Z	X	YYYYY
Engine Description	Year of Manufacturing	Assembly Plant	Month of Manufacturing	Serial Number

Model: Pleasure

Variants	VIN	Engine
Sheet metal wheel/Integrated braking	N03	EG
Cast wheel/Integrated braking	W02	EG

VIN and Engine No. may be required:

1. During registration of the vehicle.
2. For dealing with Legal & Insurance Departments.

PRODUCT SPECIFICATION

ITEM		SPECIFICATIONS
Dimensions		
Overall length		1750 mm
Overall width		705 mm
Overall height		1115 mm
Wheelbase		1240 mm
Saddle height		760 mm
Ground clearance		125 mm
Weight		
Kerb weight		101 kg
Capacities		
Engine oil		0.80 litre at disassembly and 0.70 litre at draining
Transmission oil		0.12 litre at disassembly 0.10 litre at draining
Fuel tank		5.0 litres (Min)
Engine		
Maximum power		5.15 kW @ 7000 rpm
Maximum torque		8.10 N-m @ 5000 rpm
Bore and stroke		50.0x52.0 mm
Compression ratio		9.9:1
Displacement		102 cc
Spark plug		Champion-PRZ 9 HC (Federal Mogul)
Spark plug gap		0.7-0.8 mm
Valve clearance	Intake (cold)	0.14 mm
	Exhaust (cold)	0.14 mm
Idle speed		1700±100 rpm
Chassis and suspension		
Chassis Type		High rigidity under bone
Front Suspension		Bottom link with spring loaded hydraulic damper
Rear Suspension		Unit swing with spring loaded hydraulic damper
Caster angle		27° 30′
Tyre size	Front	90/100x10-53 J (Tubeless Tyre)
	Rear	90/100x10-53 J (Tubeless Tyre)

PRODUCT SPECIFICATION

ITEM	SPECIFICATIONS
Front/Rear brake Drum type	Internal expanding shoe type (Dia. 130 mm) **(Integrated braking)**
Transmission	
Primary reduction	Variomatic (2.51-0.85)
Final reduction	50/20x49/13 (9.423)
Clutch system	Dry, Automatic Centrifugal Clutch
Electricals	
Battery	12V - 4Ah (ETZ-5) *MF Battery
Alternator	110 W
Starting System	Kick/Electric Start
Headlamp (High/Low)	12V-35/35W Halogen Bulb-**MFR
Tail/Stop lamp	12V 5/21W **MFR
Turn signal lamp	12V 10W x 4 nos.(**MFR-Clear Lens-Amber bulb)
Meter Illumination	12V-1.7Wx2 nos.
Turn signal indicator	12V-3.0Wx2 nos.
Hi Beam indicator	12V-1.7W
Side stand indicator	12V-1.7W
Fuse	2A, 10A

* **MF stands for Maintenance Free**

** **MFR stands for Multi-Focal Reflector**

VEHICLE SAFETY

IMPORTANT SAFETY INFORMATION

Your vehicle can provide many years of service and pleasure if you take responsibility for your own safety and understand the challenges you can meet on the road. There is much that you can do to protect yourself when you ride. You will find many helpful recommendations through out this manual. Following are a few that we consider most important.

Always wear a helmet

It is a proven fact, Helmets significantly reduces the number and severity of head injuries. So always wear a helmet and make sure your pillion rider does the same. We also recommend that you wear eye protection, sturdy boots, gloves and other protective gear **(page 5)**.

Make yourself easily visible

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

Ride within your limits

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

Keep your vehicle in safe condition

For safe riding, its important to inspect your vehicle before every ride and perform all recommended maintenance. Never exceed load limits, and only use accessories that have been approved by HMCL Niloy Bangladesh Ltd. for this vehicle. See **(pages 7)** for more details.

NOTE

To make yourself more visible, wear bright reflective clothing that fits well.

PROTECTIVE APPAREL

For your safety, we strongly recommend that you always wear a helmet which should conform as per your country standards, in addition to eye protection, boots, gloves, long pants and a long sleeve shirt or jacket whenever 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.

⚠ WARNING

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

Helmets and eye protection

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

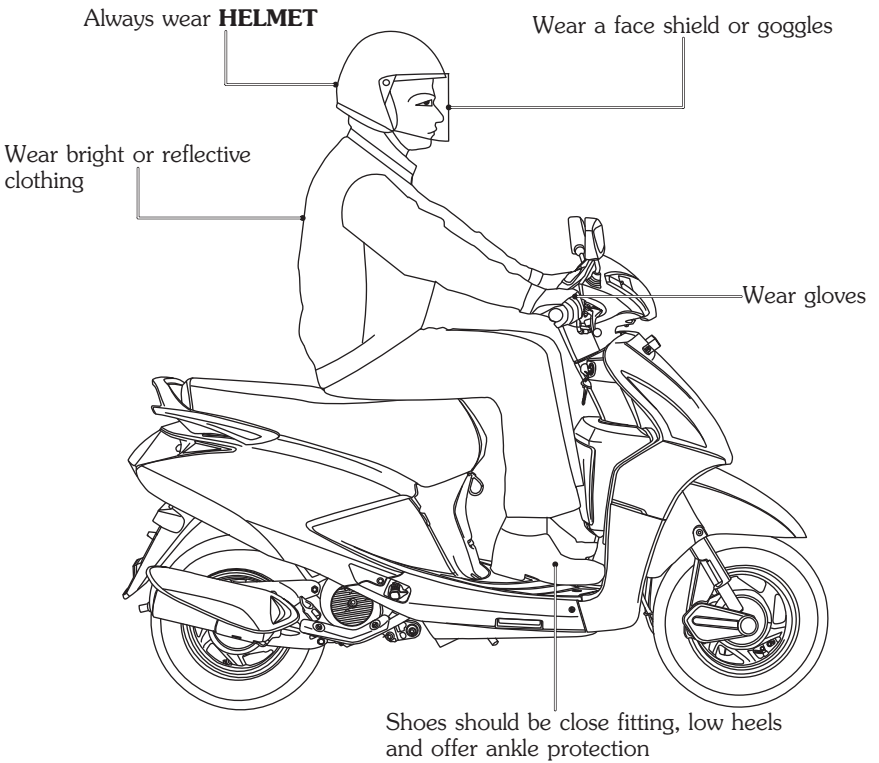
An open-face helmet offers some protection, but a full-face helmet offers more. Always were face shield or goggles to protect your eyes and help your vision.

Additional riding gear

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

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

PROTECTIVE APPAREL



LOAD LIMITS AND GUIDELINES

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

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

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

Loading

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

⚠ WARNING

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

Load limits

Following are the load limits for your vehicle:

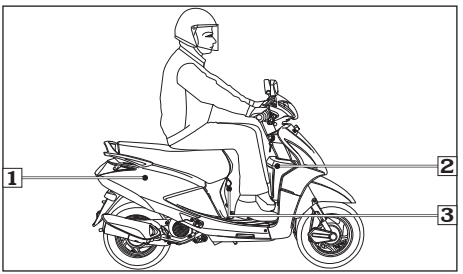
Maximum weight capacity: 130 kg

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

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

Maximum weight:

Center compartment	: 10 kg
Front inner box	: 1.5 kg
Luggage hook	: 1.5 kg



(1) Center compartment (2) Front inner box (3) Luggage Hook

Loading guidelines

Your vehicle is primarily intended for transporting you and a pillion. If you wish to carry more cargo, check with your Authorised Distributor/Dealer for advice and be sure to read the information regarding accessories on **(page 8)**.

Improperly loading your vehicle can affect its stability and handling. Even if your vehicle is properly loaded, you should ride at reduced speeds whenever carrying cargo.

Follow these guidelines whenever you carry a pillion or cargo:

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

ACCESSORIES & MODIFICATIONS

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

⚠ WARNING

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

Accessories

We strongly recommend that you use only genuine accessories that have been specifically designed and tested for your vehicle. HMCL Niloy Bangladesh Ltd. cannot test all other accessories, you must be personally responsible for proper selection, installation and use of non-genuine accessories. Check with your dealer for assistance and always follow these guidelines:

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

Modifications

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

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

TIPS FOR HEALTHY ENVIRONMENT

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

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

- Regular Servicing: Get your vehicle serviced at an Authorised service station, as per the service schedule, for an optimum performance and keep the emission level under check.

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

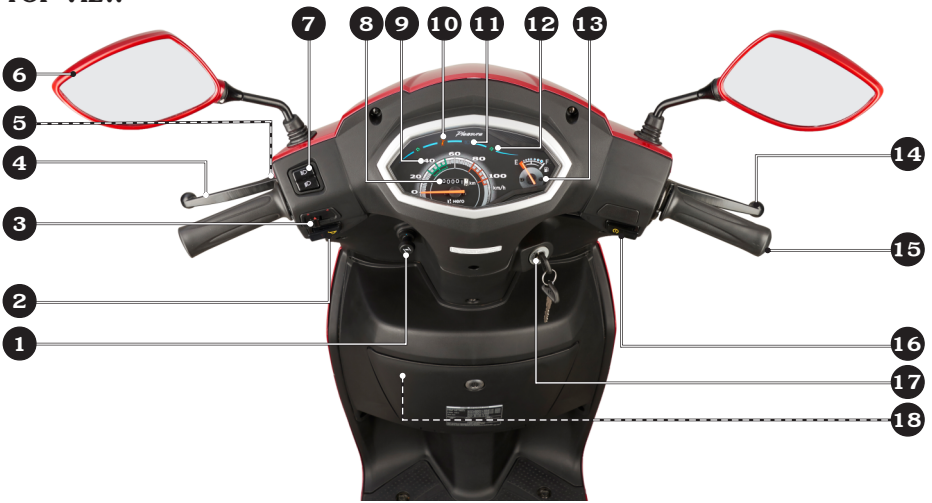
- Genuine engine oil: Hero 4T Plus SAE 10W 30 SJ grade (JASO MA) engine oil recommended by HMCL Niloy Bangladesh Ltd. and make sure you change it every 6000 kms. (with top up every 3000 kilometres) to keep the engine fit and environment healthy.

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

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

TOP VIEW

VEHICLE VIEWS



(1) Choke knob
(2) Horn switch
(3) Turn signal switch
(4) Integrated brake lever
(5) Parking lever
(6) Rear view mirror
(7) Dimmer switch
(8) Odometer
(9) Speedometer
(10) Side stand indicator
(11) Hi-beam indicator
(12) Turn signal indicator
(13) Fuel gauge
(14) Front brake lever
(15) Throttle grip
(16) Starter switch
(17) Ignition switch with steering lock
(18) Mobile charging socket

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

VEHICLE VIEWS

LEFT SIDE VIEW



(1) Side stand switch
(2) Side stand
(3) Main stand
(4) Pillion step
(5) Kick starter pedal
(6) Rear turn signal lamp
(7) Tail/stop lamp
(8) Rear grip
(9) Boot lamp
(10) Luggage hook
(11) Headlamp

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

RIGHT SIDE VIEW



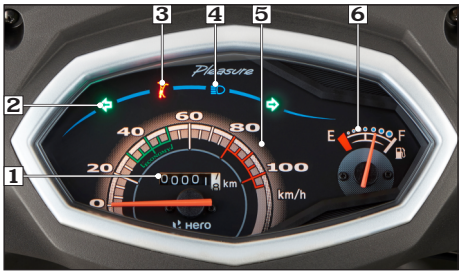
(1) Exhaust muffler
(2) Oil level dipstick
(3) Pillion step
(4) Front inner box
(5) Front turn signal lamp
(6) Position lamp
(7) Center compartment (Inside)

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

PARTS FUNCTION

Instruments and indicators

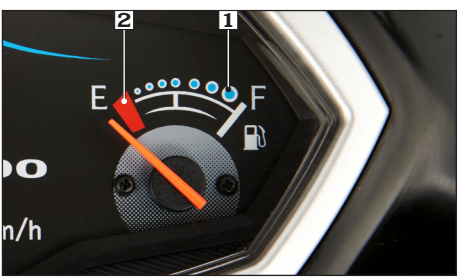
The indicators are in the speedometer panel above the headlamp. The functions are as below :



Sl. No.	Description	Function
1	Odometer	Shows accumulated mileage
2	Turn signal indicator	Flashes when turn signal switch is operated
3	Side stand indicator	Light glows when the side stand is down
4	Hi beam indicator	Light glows when headlamp is in Hi beam
5	Speedometer	Indicates driving speed
6	Fuel gauge	Indicates approximate fuel quantity

(a) Fuel gauge

When the fuel gauge (1) needle enters the red band (2), fuel will be low and you should refill the tank as soon as possible. The amount of fuel left in the tank when the needle enters the red band is approximately 1.2 Litres.



(1) Fuel gauge (2) Red band

MAJOR COMPONENTS

(Information you need to operate this vehicle)

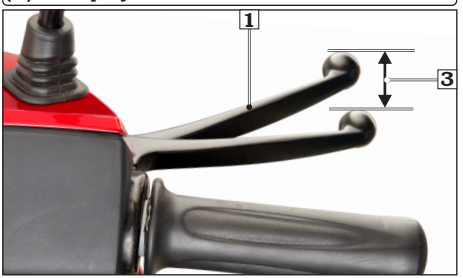
Brakes (Integrated braking)

Brakes are items of personal safety and should always be maintained with proper adjustments. When one applies the left lever, front & rear brakes activate jointly.

The distance, the front brake lever (1) and integrated brake lever (2) moves before each brake starts to engage is called free play (3).



(2) Integrated brake lever
(3) Free play: 10-20 mm



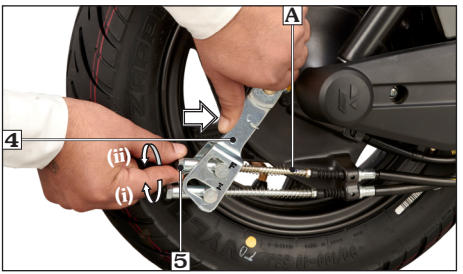
(1) Front brake lever (3) Free play : 10-20mm

Measured at the tip of brake levers, free play should be maintained at 10-20 mm.

Adjustment:

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

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



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

NOTE

"F" & "I" is marked on integrated brake arm.

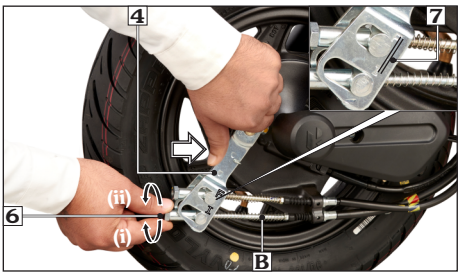
FREE PLAY: 10-20 mm

- If the free play is more than 20 mm further turn the adjuster nut to obtain desired free play.

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

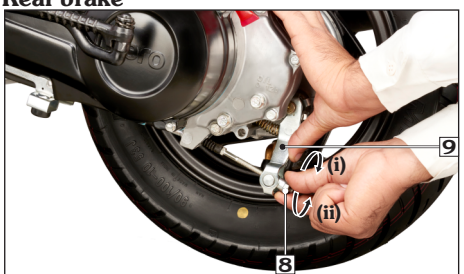
- Push the integrated brake arm (4) by hand in the direction as shown.

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



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

Rear brake

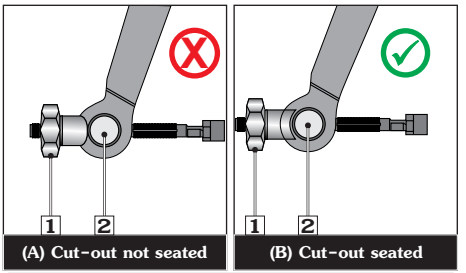


(8) Adjuster nut (9) Brake arm
(i) Decrease free play (ii) Increase free play

- Make free play adjustment by turning the adjuster nut (8) in the brake arm (9).
- Check the free play of integrated brake lever.

FREE PLAY: 10-20 mm

- If the free play is more than 20 mm further turn the adjuster nut to obtain desired free play.
- Make sure the cut-out on the adjusting nut (1) is seated on the brake joint pin (2) after making final free play adjustment.



(1) Adjusting nut (2) Brake joint pin

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

Other checks:

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

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

NOTE

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

Fuel

(a) Fuel tank

The fuel tank is located under the seat.

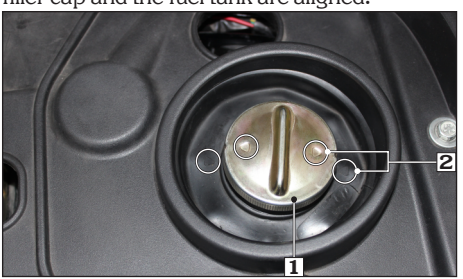
The fuel tank capacity is **5.0 litres (Minimum).**

To open the fuel filler cap (1), unlock and lift up the seat **(page 22)**, then remove the fuel filler cap by turning it counterclockwise.

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

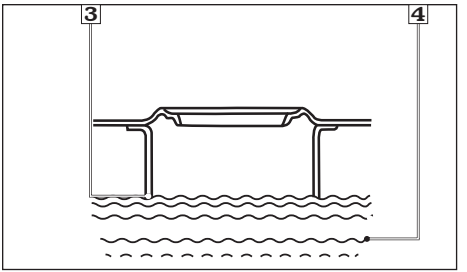
After refueling, be sure to tighten the fuel filler cap firmly by turning it clockwise.

Make sure the arrow marks (2) on the fuel filler cap and the fuel tank are aligned.



(1) Fuel filler cap (2) Arrow marks

We recommend that you use unleaded petrol because the muffler in the vehicle is fitted with a catalytic convertor, it also produces lesser



(3) Filler neck (4) Fuel

deposits in engine and on spark plug, which extends the life of exhaust system and other components.

NOTE

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

(b) Petrol containing alcohol

If you decide to use a petrol containing alcohol (gasohol), be sure its octane rating is at least as high as that recommended by Authorised Distributor/Dealer.

There are two types of "gasohol", one containing ethanol, and the other containing methanol.

Do not use petrol that contains more than 10% of ethanol.

• Do not use petrol containing methanol

(methyl or wood alcohol) that does not contain cosolvents and corrosion inhibitors for methanol.

Never use petrol containing more than 5% methanol, even if it has cosolvents and corrosion inhibitors.

- When certain type of petrol containing alcohols are used, problems such as hard starting, poor performance, etc. may occur.
- If you notice any undesirable operating symptoms while using the petrol that contains alcohol, try another station or switch to another brand of petrol.
- When a problem resulting from the use of petrol containing alcohol occurs, contact your Authorised Distributor/Dealer.

! CAUTION

- ***Please note that the approximate quantity of petrol is 1.2 litres in the fuel tank, once the fuel level indicator reaches the red band in the fuel gauge.***
- ***Please fill petrol once the fuel level indicator reaches the red band.***

⚠ 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.***

Tyres (Tubeless)

The tyres fitted on your vehicle 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.***

(a) Air pressure

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

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

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

Tubeless tyres have some self-sealing ability if they are punctured. However, because leakage is often very slow, you should look closely for

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

The recommended "cold" tyre pressures are:

	Rider only	Rider and Pillion
Front	1.50 kgf/cm^2 (22 psi)	1.50 kgf/cm^2 (22 psi)
Rear	2.00 kgf/cm^2 (29 psi)	2.50 kgf/cm^2 (36 psi)



(1) Air pressure gauge

! CAUTION

Over inflation/Under inflation will affect the performance.

Inspection

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

- Bumps or bulges in the side of the tyre or the tread. Replace the tyre if you find any bumps or bulges.
- Cuts, splits or cracks in the tyre. Replace the tyre if you can see fabric or cord.
- Excessive tread wear.
- Carefully inspect the tyres for any damage, if the vehicle hits a pothole or hard object.

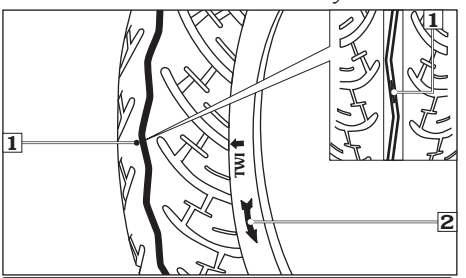
(b) Tread wear

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

Minimum tread depth:

Front: 1.5 mm **Rear:** 1.5 mm

Check the tread wear indicator for tyre wear.



(1) Tread wear indicator (2) Arrow mark

(c) Unidirectional tyres

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

(d) Tyre repair

If a tyre is punctured or damaged, you should replace it, not repair it. As mentioned below, a tyre that is repaired either temporarily or permanently, will have lower speed and performance limits than a new tyre. A temporarily repaired, such as an external tubeless tyre plug, may not be safe for normal speeds and riding conditions. If a temporary or emergency repair is made to a tyre, you should ride slowly cautiously to your Authorised Distributor/Dealer and have the tyre replaced. If possible you should not carry a pillion or load until a new tyre is installed. Even if a tyre is professionally repaired with a permanent internal patch plug, it will not be as good as a new tyre.

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. Therefore, we strongly recommend that you replace a damaged tyre. If you decide to have a tyre replaced be sure the wheel is balanced before you ride.

Tyre replacement

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

WARNING

- ***Using tyres that are excessively worn or improperly inflated can cause a crash in which you can be seriously hurt and killed.***
- ***Operation with excessively worn tyres is hazardous and will adversely affect traction and handling.***
- ***Follow all instruction in this owner's manual regarding tyre inflation and maintenance.***
- ***Under-inflation may result in the tyre slipping on or tyre coming off the rim.***
- ***Always use the size and type of tyres recommended in this owner's manual.***

The recommended tyre for your vehicle are:
Front: 90/100x10-53J (Tubeless Tyre)
Rear : 90/100x10-53J (Tubeless Tyre)

NOTE

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

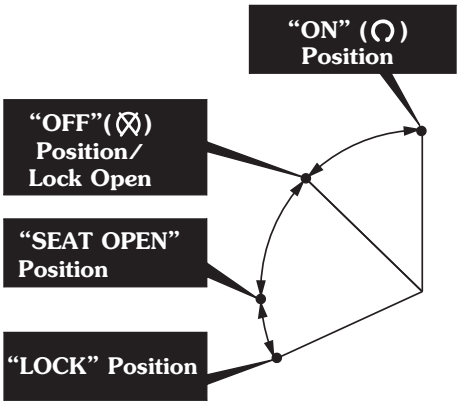
Important safety reminders

- 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.

ESSENTIAL INDIVIDUAL COMPONENTS

Ignition Switch

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





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

Key Position	Function	Key removal
"ON"(⏻)	The engine can be started, winkers, horn, stop lamp and fuel gauge can be operated	Key cannot be removed
"OFF"(⊗)	Engine cannot be started and cannot be operated	Key can be removed
"SEAT OPEN"	Seat can be opened by rotating the key anticlockwise.	Key can be removed
"LOCK"	Steering can be locked	Key can be removed

HANDLEBAR SWITCHES CONTROL

(a) Right handlebar controls

(1) Starter switch

The starter switch (1) is next to the throttle grip.

When the starter switch is pressed, the starter motor cranks the engine with the front or integrated brake lever applied.



(1) Starter switch

(b) Left handlebar controls

(1) Dimmer switch

Press the dimmer switch (1) upwards for '' 'High Beam and downwards for'' Low Beam.

(2) Turn signal switch

Shift the turn signal switch (2) sideways for Right/Left indications and leave it to come back to its normal position on its own.

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

(3) Horn switch

Press the horn switch (3) to operate the horn.



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

FEATURES

Steering lock

To lock the steering, turn the handle bar all the way to the left, insert the key in "OFF" positon and turn it anti clockwise direction to "LOCK" position while pushing in and then remove the key.



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

! CAUTION

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

Seat Lock

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

To unlock the seat, insert the ignition key (2) and turn in anti-clockwise direction. The seat will release from its latch.

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



(1) Ignition switch (2) Ignition key

! CAUTION

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

Center Compartment

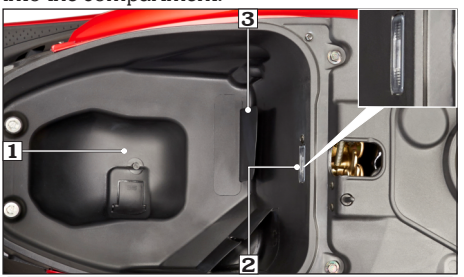
The center compartment (1) is below the seat. A boot lamp (2) is provided in the center compartment. This boot lamp will be functional only when the seat is opened.

Opening and closing the seat lock, see **(page 22)**.

MAXIMUM WEIGHT LIMIT: 10 kg

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

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



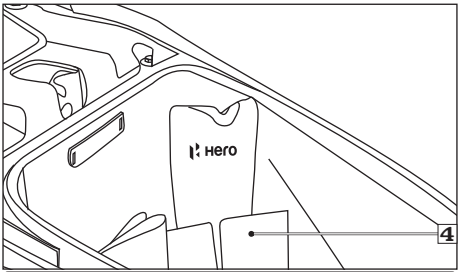
(1) Center compartment (2) Boot lamp
(3) Document compartment

The document compartment (3) and first aid kit/tool kit holder (4) is located in the center compartment below the seat.

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

NOTE

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



(4) Tool kit holder

CAUTION

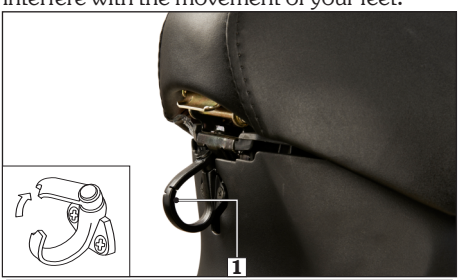
Before the vehicle is pressure washed the items kept inside the center compartment should be removed to prevent consequential damage.

Luggage Hook

The luggage hook (1) is provided at the front of the rider.

MAXIMUM WEIGHT LIMIT: 1.5 kg

Do not hang large luggage to the hook, that would hang out from the vehicle and or interfere with the movement of your feet.



(1) Luggage hook

Front Inner Box

The front inner box (2) is provided on the inner cover to carry some valuable items, documents, etc.



(2) Front inner box

MAXIMUM WEIGHT LIMIT: 1.5 kg

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

Mobile Charging Socket

A mobile charging socket (1) with a socket cap (2) located inside the lockable front inner box (3) is provided in your vehicle to charge your mobile phone safely while riding. To connect a mobile phone charger, first remove the socket cap from the mobile charging socket and then plug in the charger to it. Use of non-standard adaptor may cause damage to the mobile phones. HMCL Niloy Bangladesh Ltd. will not be responsible for damages caused due to use of non-standard adaptor.



(1) Mobile charging socket (2) Socket cap
(3) Front inner box.

! CAUTION

- ***Always place the mobile phone in a soft clean cloth/towel to avoid any damage due to road shocks while riding.***
- ***This socket is only for charging a mobile phone. Charging/connecting any other device like cigarette lighter, torch etc., may lead to damage of the socket/blown fuse.***
- ***Multiple charging of mobile phones has to be avoided, simultaneous charging may lead to slow or no charging.***
- ***Do not leave the mobile phone and charger in the inner box when the vehicle is parked.***
- ***Charge your mobile phone only when the engine is operational/while riding. Charging the mobile phone when the engine is "OFF" would lead to early discharge of battery.***

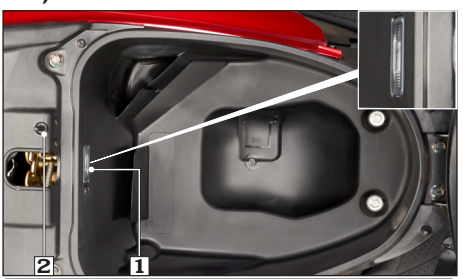
NOTE

- ***Do not apply any soap solution, oil or grease inside the mobile charging socket.***
- ***Any personal belongings have to be removed before water washing to avoid damage.***
- ***Always keep the mobile charging socket cap closed after use to prevent dust or water entry during rains/water wash.***
- ***Do not direct water jet towards the socket even with cap closed to avoid any short circuit, always dry the area using a dry cloth or moisture free compressed air before use.***

Boot Lamp/Boot Lamp Switch

A boot lamp (1) is provided in the center compartment. This boot lamp will be functional only when the seat is open.

Opening and closing the seat lock, see **(page 22)**.



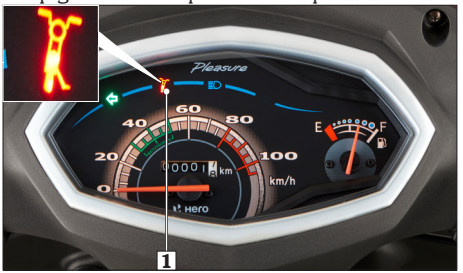
(1) Boot lamp (2) Switch

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

Side Stand Indicator/Side Stand Switch

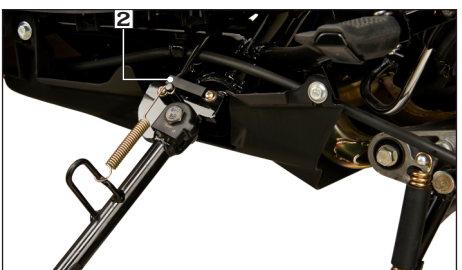
For the safety of the customer a side stand indicator (1) is provided. If the side stand is

down (Ignition switch "ON"), an indicator lamp glows in the speedometer panel.



(1) Side stand indicator

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

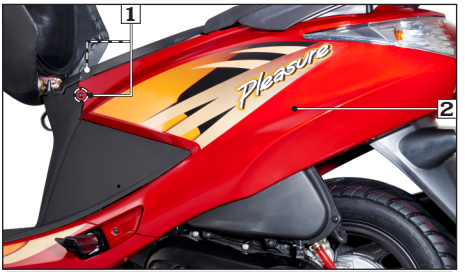


(2) Side stand switch

BODY PARTS REMOVAL

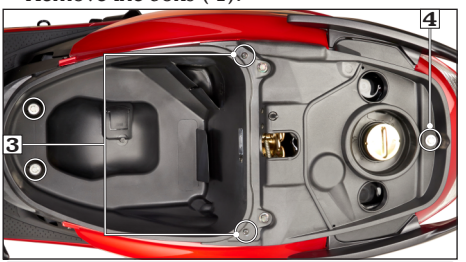
Center compartment (Removal)

- Open the seat **(page 22)**.



(1) Screws **(2) Body cover**

- Remove screws/washers (3) from the center compartment.
- Remove the bolts (4).



(3) Screws **(4) Bolts**

- Slightly lift up the center compartment from the rear and disconnect the boot lamp connector (5).
- Remove the center compartment (6).



(5) Boot lamp connector (6) Center compartment

Installation

Installation can be done in the reverse order of removal.

NOTE

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

Body cover (Removal)

- Open the seat **(page 22)**.
- Remove the screws/washers (1) from rear center cover and remove the cover (2).



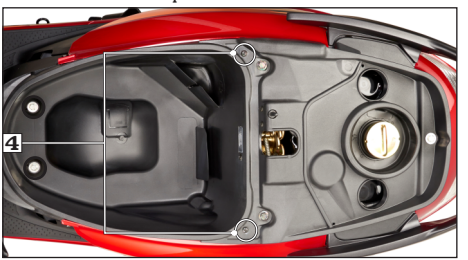
(1) Screws/washers (2) Rear center cover

- Remove the screws/washers (3) from the rear side of the body cover.



(3) Screws

- Remove the screws/washers (4) from the center compartment.



(4) Screws/washers

- Remove the screws/washers (5) from both the side of the body cover (6).
- Remove the clip (7) from both the side of the vehicle.
- Remove the body covers.

NOTE

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



(5) Screws/washers (6) Body cover (7)Clip

Installation

Installation can be done in the reverse order of removal.

Center cover (Removal)

- Open the seat **(page 22)**.



(1) Body cover screws/washers
(2) Center cover screws

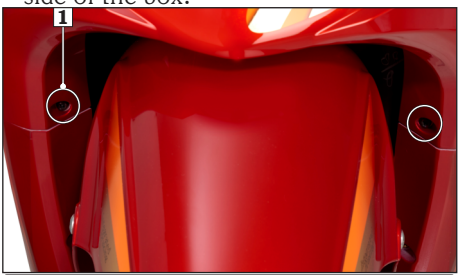
- Remove screws/washers (1) from left and right side body cover.
- Remove screws (2) from center cover.
- Remove the center cover (3).

Installation

Installation is in the reverse order of removal.

Front upper cover (Removal)

- Remove screws/washers (1) from the front end of the vehicle.
- Remove screws/washers (2) from the front inner box side and from the inner side of the box.



(1) Screws/washers



(2) Screws/washers

• Disconnect the left and right turn signal lamp wiring connector(3) from the front upper cover (4).

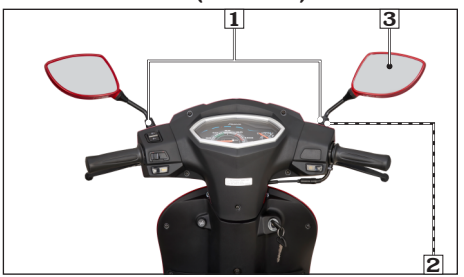


(3) Connector (4) Front upper cover

Installation

Installation can be done in the reverse order of removal.

Rear view mirror (Removal)



(1) Dust cover (2) Lock nut
(3) Rear view mirror

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

Installation

• Install the rear view mirror until it will no longer turn.
• Loosen the rear view mirror approximately 2 turns.
• Adjust the rear view mirror.
• Tighten the lock nut.
• Slide the dust cover back to its position.

NOTE

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

Headlamp case (Removal)

• Remove the rear view mirror.
• Remove screw (1).



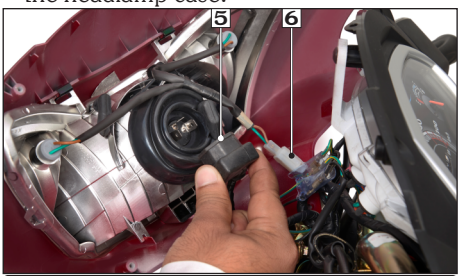
(1) Screw (3) Headlamp case (4) Tabs

• Remove the screws (2).
• Pull the headlamp case (3) slightly up, carefully release the tabs (4) from the slots.



(2) Screws

- Disconnect the headlamp connector (5), position lamp connector (6) and remove the headlamp case.



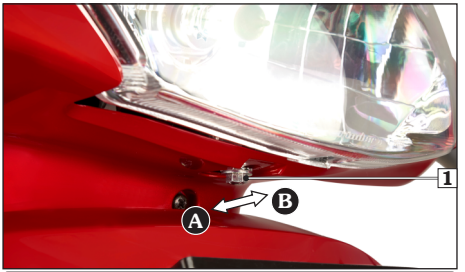
(5) Headlamp connector
(6) Position lamp connector

Installation

Installation can be done in the reverse order of removal.

Headlamp focus (Vertical adjustment)

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



(1) Bolt **(A) Up** **(B) Down**

- Park the vehicle on main stand on a level ground in front of a wall.
- Loosen the bolt (1) and move the headlamp up (A) or down (B) for correct focus.

⚠ WARNING

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

PRE-RIDE INSPECTION

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

⚠ WARNING

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

- **Engine oil level**–Add engine oil if required **(page 46)**. Check for leaks.
- **Fuel level**–Fill fuel tank when necessary **(page 16)**. Check for leaks.
- **Front and Integrated brakes**–Check operation and if necessary, adjust free play **(pages 14)**.
- **Tyres**–Check condition and pressure **(pages 17)**.
- **Throttle**–Check for smooth opening and full closing in all steering positions.
- **Lamps and horn**–Check that headlamp, 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.
- **Fitting & fasteners**–Check & tighten if necessary.
- **Steering**–Check for smooth action for easy maneuverability.
- **Side stand indicator**–Make sure that the side stand is up. If it is in down position the side stand indicator **(page 24)** will glow on the speedometer panel.

ANTI-THEFT TIPS

- Always lock the steering and never leave the key in the ignition switch. This sounds simple but people do forget.
- Be sure the registration information for your vehicle is accurate and current.
- Park your vehicle in a locked garage whenever possible.
- Use an additional anti-theft device of good quality.
- Never park your vehicle in an isolated area. Park as far as possible in a designated parking area.
- Enter your name, address, and phone number in this Owner's Manual and keep it in your vehicle at all times. Many times stolen vehicles are identified by information in the Owner's Manuals that are still with them.

NAME : _____

ADDRESS : _____

_____

_____

_____

_____

PHONE NO : _____

STARTING THE ENGINE

Always follow the proper starting procedure described below. This vehicle has an automatic fuel valve.

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

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

Do not use the electric starter for more than 5 seconds at a time. Release the starter switch for approximately 10 seconds before pressing it again.

CAUTION

Do not attempt to start the engine and run the vehicle without a battery. This may lead to electrical and electronic components failure.

- Park the vehicle on its main stand.
- Lock the rear wheel by pressing the integrated brake lever (1) and locking the parking lever (2).



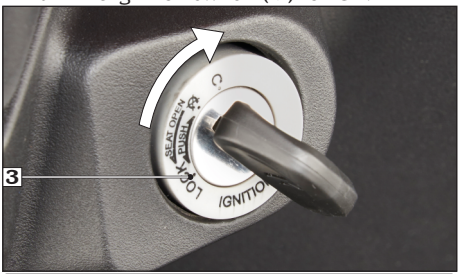
(1) Integrated brake lever
(2) Parking lever

The electric starter will only work when the integrated or front brake lever is operated.

WARNING

- ***Contact with the rotating rear wheel can injure you.***
- ***Set the parking lever when the vehicle is on its main stand.***

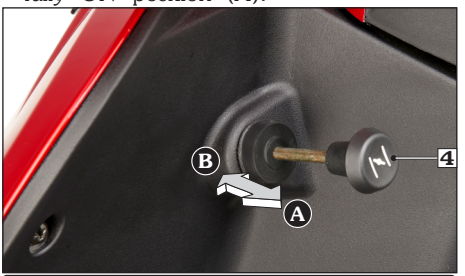
- Turn the ignition switch (3) to ″ON″.



(3) Ignition Switch

Cold engine

- Pull the choke knob (4) out all the way to fully “ON” position (A).



(4) Choke knob
(A) Fully “ON” (B) Fully “OFF”

- Use starter switch:
  With the throttle closed, press the starter switch.
  Use kick starter:
  With the throttle closed, operate the kick starter with a rapid and continuous motion.

- Continue warming up the engine until it runs smoothly and responds to the throttle, when the choke knob is at "OFF" position (B).

Warm engine

- Do not use the choke.
- Rotate the throttle 1/8-1/4 turn.
- Start the engine.

RUNNING-IN

Ensure your vehicle's future reliability and performance by paying extra attention to how you ride during the first 500 kms.
During this period, avoid full-throttle starts and rapid acceleration.

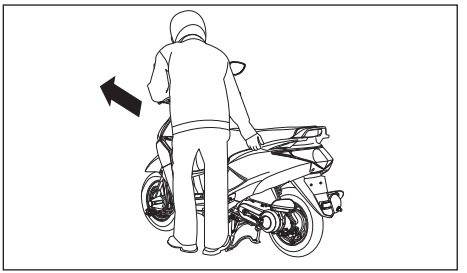
RIDING

Review vehicle Safety **(page 4)** before you ride.

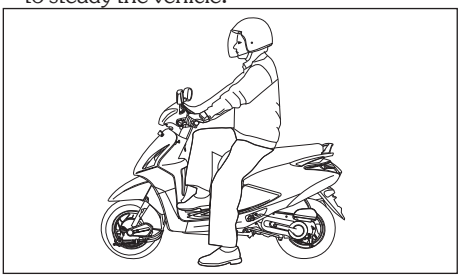


(1) Integrated brake lever (2) Parking lever

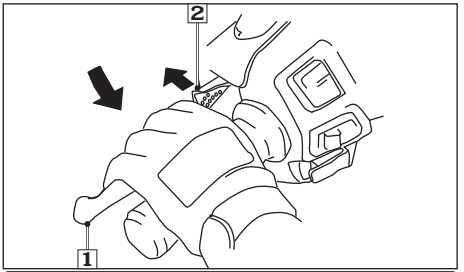
- **Make sure the throttle is closed and the Int-tegrated brake lever is locked** with the parking lever before moving the vehicle off the main stand.
  The rear wheel must be locked when moving the vehicle off the main stand or it may result in loss of control.
- **Stand on the left side of the vehicle**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



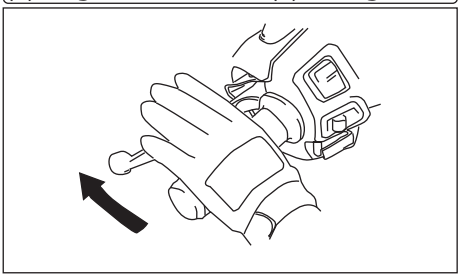
- **Mount the vehicle from the left side** keeping at least one foot on the ground to steady the vehicle.



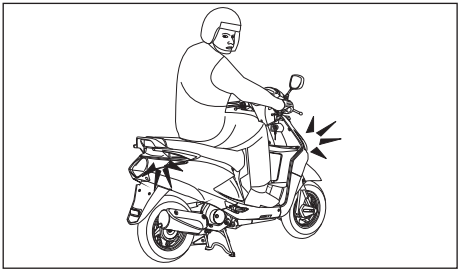
- **Unlock the integrated brake** by further pressing the integrated brake lever (1) so as to release the parking lever (2) from the lock. Then release the brake lever.



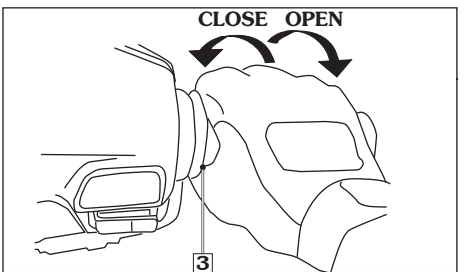
(1) Integrated brake lever (2) Parking lever



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

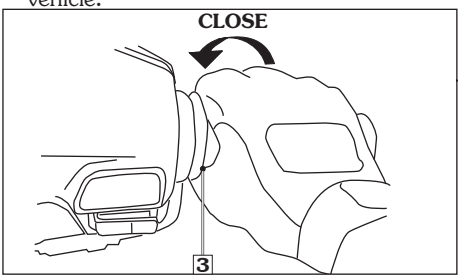


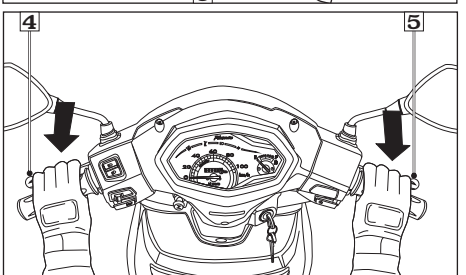
- **To accelerate,** open the throttle (3) gradually, the vehicle will move forward. Do not "BLIP" the throttle (open and close rapidly) as the vehicle will move forward suddenly, causing possible loss of control and loss of fuel economy.
  Do not accelerate with the brakes applied, this may lead to premature wear of brakes and transmission parts.
- **To decelerate**, close the throttle (3).



(3) Throttle

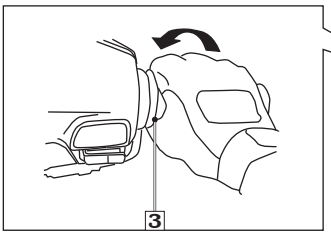
- **When slowing down the vehicle**, coordination of the throttle (3), integrated brake (4) and front brake (5) is most important. Since the vehicle is equipped with an integrated braking, by pressing the brake lever provided on the left side of the handlebar would ensure both front and rear brakes applied simultaneously.
  Excessive brake application may cause the wheels to lock, reducing control over the vehicle.



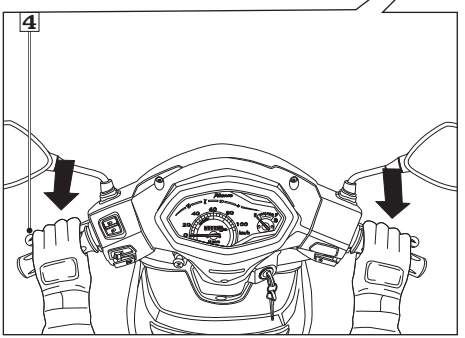


(4) Integrated brake (5) Front brake

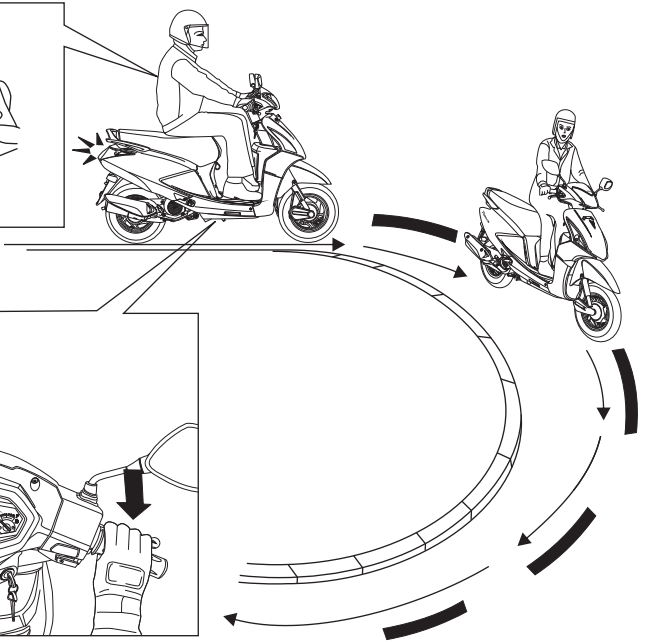
- **When approaching a corner or turn**, close the throttle (3) fully, and slow down the vehicle by applying integrated brake (4).
- **After completing the turn**, open the throttle gradually to accelerate the vehicle.



(3) Throttle

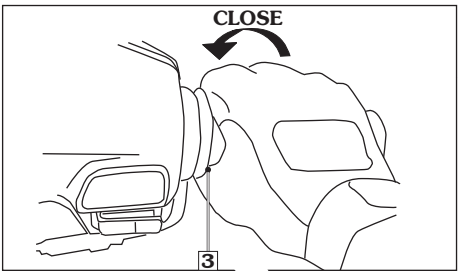


(4) Integrated brake

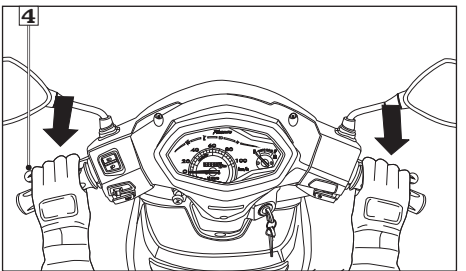


• **When descending a steep gradient**, close throttle (3) fully and apply integrated brake (4) to slow down the vehicle.

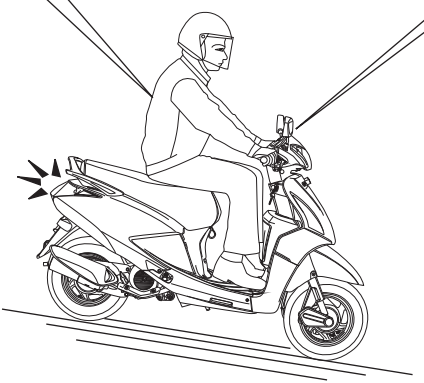
Avoid continuous use of the brakes, which may result in overheating and reduction of braking efficiency.



(3) Throttle



(4) Integrated brake



- **When riding on wet or loose surfaces, be cautious.**

When riding in wet or rainy conditions or on loose surfaces, the ability to manoeuver and stop will be reduced.

- For your safety:
- Exercise extreme caution when braking, accelerating or turning.
- Ride at slower speeds and allow for extra stopping distance.
- Keep the vehicle as upright as possible.
- Be cautious when riding over slippery surfaces such as railway tracks, iron plates, manhole covers, painted lines, etc.

PARKING

- After stopping the vehicle turn the ignition switch to "OFF" position.
- Use the main stand to support the vehicle while parked, lock and remove the key.

NOTE

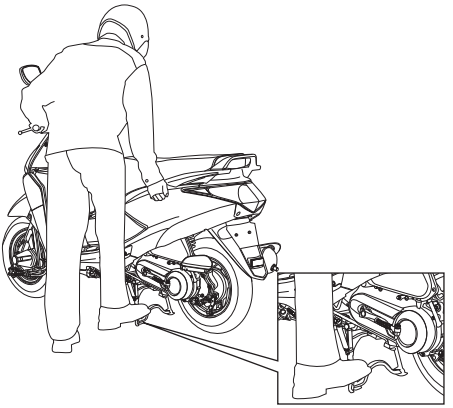
- ***Park the vehicle on firm, level ground to prevent it from falling over.***
- ***If you must park on a slight incline, aim the front of the vehicle uphill to reduce the possibility of rolling off the main stand or overturning.***

- Lock the steering to prevent theft **(page 37)**.

CAUTION

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

HOW TO USE MAIN STAND



STEERING LOCK



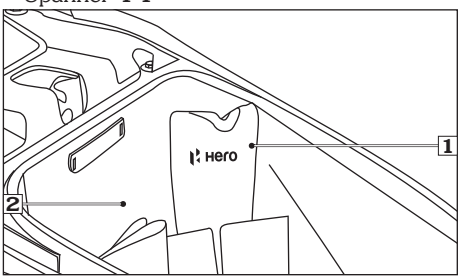
(1) Ignition key (A) Push in (B) Turn to lock

TOOL KIT

The tool kit (1) is located in the center compartment (2).

Some roadside repairs, minor adjustments and parts replacement can be performed with the tools available in the kit.

- +–No. 2 driver
- Grip
- Tool bag
- Wrench plug 16
- Spanner 14



(1) Tool kit **(2) Center compartment**

CLEANING OF VEHICLE

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

Avoid cleaning products that are not specifically designed for vehicle or automobile surfaces.

They may contain harsh detergents or chemical solvents that could damage the metal, paint and plastic parts on your vehicle.

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

We recommend avoiding the use of high pressure water spray.

! CAUTION

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

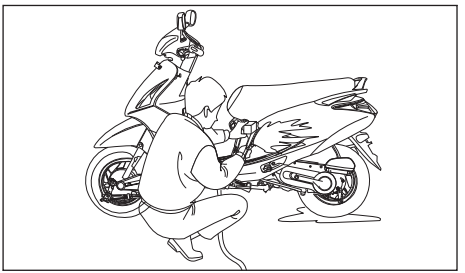
WASHING OF VEHICLE

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

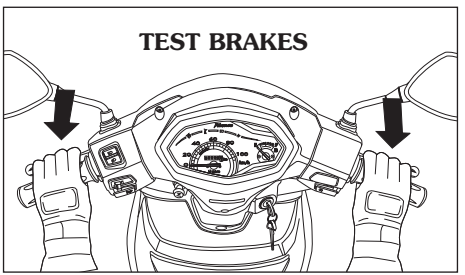
NOTE

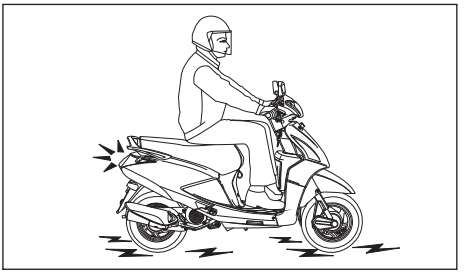
- ***Take care to keep brake fluid or chemical solvents off the vehicle. They will damage the plastic and painted surfaces.***
- ***The inside of the headlamp lens may be clouded immediately after washing the vehicle. Moisture condensation inside the headlamp lens will disappear gradually by lighting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

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



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





- Braking efficiency may be temporarily impaired immediately after washing the vehicle.

Anticipate longer stopping distance to avoid a possible accident.

MAINTENANCE

Importance of maintenance

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

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

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

Sustained high speed operation or operation in unusually wet or dusty conditions will require more frequent service than specified in the Maintenance Schedule. Consult your Authorised Distributor/Dealer for

recommendations applicable to your individual needs and use.

If your vehicle overturns or gets involved in a accident, be sure your Authorised Distributor/ Dealer inspects all major parts, even if you are able to make some repairs.

⚠ WARNING

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

Maintenance safety

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

Other tasks that are more difficult and require special tools are best performed by professionals. Wheel removal should normally be handled only by a HMCL Niloy Bangladesh Ltd. skilled technician or other qualified mechanic; instructions are included in this manual only to assist in emergency service.

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

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

⚠ WARNING

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

SAFETY PRECAUTIONS

- Make sure the engine is turned "OFF" before you begin any maintenance or repair. This will help eliminate several potential hazards:
  - **Carbon monoxide poisoning from engine exhaust.**
    Be sure there is adequate ventilation whenever you start 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 instructions before you begin and make sure you have the tools and skills required.
- To prevent the vehicle from falling over, park it on a firm, level surface, on the main stand.
- Be sure that the rear brake is locked by parking lever before running the engine, while the vehicle is parked on the main stand. This will prevent the rear wheel from rotating and avoid the possibility of

someone being injured from contacting the wheel.

- To reduce the possibility of a fire or explosion, be careful when working around petrol or batteries. Use only nonflammable solvent, not petrol, to clean parts. Keep cigarettes, sparks and flames away from the battery and all fuel–related parts.

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

To ensure the best quality and reliability, use only genuine parts for repair and replacement.

MAINTENANCE SCHEDULE

Perform the Pre-ride Inspection **(page 29)** at each scheduled maintenance period.

I: INSPECT C: CLEAN R: REPLACE A: ADJUST L:LUBRICATE
T: TOP UP

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 HMCL Niloy Bangladesh Ltd. by properly trained and equipped technicians. Your Authorised Distributor/Dealer meets all of these requirements.

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

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

Note-2: Should be serviced by a "Skilled Technician" of your Authorised Distributor/Dealer.

Note-3: Clean carburetor if required after inspection during service.

Note-4: Service more frequently if the vehicle is ridden in unusually wet or dusty areas.

Note-5: Service more frequently when riding in rain or at full throttle.

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

Note-7: Replace drive belt once in every 24000 km.

Note-8: Replace once in a year. Replacement requires mechanical skill.

Note-9: In the interest of safety, we recommend these items to be serviced only by your Authorised Distributor/Dealer.

Note: Always wipe the water from the vehicle after washing. Use clean soft cloth or pressurized air for completely drying the water.

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	SERVICE	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
		DAYS	1st 60	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90
		KMS. Note-1	500-750	3000-3500	6000-6500	9000-9500	12000-12500	15000-15500	18000-18500	21000-21500	24000-24500	27000-27500	30000-30500
	Fuel Line		I	I	I	I	I	I	I	I	I	I	I
	Throttle Operation	Note-2	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A
	Carburetor	Note-3	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A
	Air Cleaner	Note-4	C	C	C	C	R	C	C	C	R	C	C
	Drain Tube	Note-5	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C
	Spark Plug		I,C,A	I,C,A	I,C,A	I,C,A	R	I,C,A	I,C,A	I,C,A	R	I,C,A	I,C,A
	Valve Clearance	Note-2	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A	I,A
	Engine Oil	Note-6	R	T	R	T	R	T	R	T	R	T	R
	Engine Oil Strainer Screen	Note-2	C		C		C		C		C		C
	Belt Case/Kick Starter Driven Gear	Note-2	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L	C,L
	Drive Belt	Note-2 & 7			I		I		I		I		I
	Final Drive Oil	Note-2 & 8				R			Replace once in every 10000 kms.				
	Battery Voltage		I	I	I	I	I	I	I	I	I	I	I
	Brake Shoe Wear		I	I	I	I	I	I	I	I	I	I	I
	Pivot Arm		L	L	L	L	L	L	L	L	L	L	L

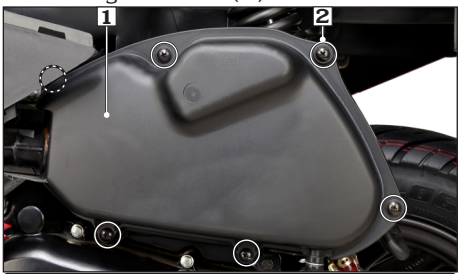
ITEMS	SERVICE	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th
	DAYS	1st 60	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90	Next 90
	KMS. Note-1	500-750	3000-3500	6000-6500	9000-9500	12000-12500	15000-15500	18000-18500	21000-21500	24000-24500	27000-27500	30000-30500
Brake System			L	L	L	L	L	L	L	L	L	L
Stop Lamp Switch		I	I	I	I	I	I	I	I	I	I	I
Headlamp Focus		I	I	I	I	I	I	I	I	I	I	I
Clutch Shoe Wear	Note-9			I		I		I		I		I
Suspension		I	I	I	I	I	I	I	I	I	I	I
Main Stand/Side Stand		L	L	L	L	L	L	L	L	L	L	L
Side Stand Switch		I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C	I,C
Fasteners	Note-2	I	I	I	I	I	I	I	I	I	I	I
Wheels/Tyres	Note-9	I	I	I	I	I	I	I	I	I	I	I
Steering Head Bearing	Note-9	I,A	I,A	I,A	I,A	I,L,A	I,A	I,A	I,A	I,L,A	I,A	I,A

Air cleaner element

Refer to the safety precautions **(page 40)**.

The air cleaner element is of Dry Paper Pleated type, it should be serviced at regular intervals **(page 42)**. Service more frequently when riding in unusually wet or dusty areas.

- Remove the body cover **(page 25)**.
- Remove the air cleaner cover (1) by removing the screws (2).



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

- Remove the air cleaner element screws (3).



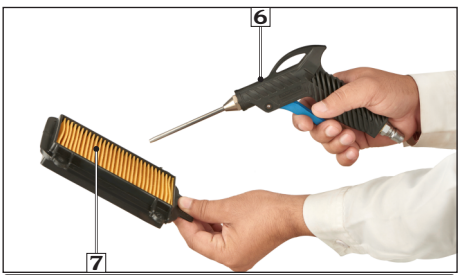
(3) Screws

- Remove the air cleaner element (4) from housing (5).



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

- Clean the element by tapping it gently to loosen dust.
- Blow away the remaining dust by forcing compressed 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.



(6) Air nozzle **(7) Housing side**

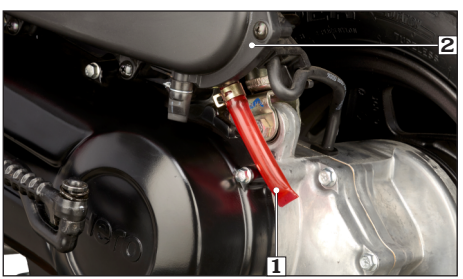
- Install the air cleaner element.
- Install the removed parts in the reverse order of removal.

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 kms.***
- ***Replace it earlier if it becomes very dirty, damaged on surface or on the sealing area.***

Drain tube

- Refer to the safety precautions **(page 40)**.
- Remove the drain tube (1) from the air cleaner assembly (2) and drain deposits in to a suitable container.
- Reinstall the drain tube.
- Service more frequently when riding in rain, at full throttle or after the vehicle is washed or overturned. Service if the deposit level can be seen in the transparent section of the drain tube.



(1) Drain tube (2) Air cleaner assembly

Engine oil

Use only Genuine Engine Oil.

BRAND : Hero 4T plus

GRADE : SAE 10W 30 SJ Grade (JASO MA).

Manufactured by:

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

Oil Capacity: 0.80 Litre

Engine oil level check

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

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

- Start the engine and let it idle for few minutes.
- Stop the engine and park the vehicle on the main stand on a level ground.
- After a few minutes, remove the oil level dipstick, wipe it clean and reinsert the oil level dipstick without screwing it in. Remove the oil level dipstick and check if the oil level is between the upper and lower marks.
- If required, add recommended oil up to the upper level mark. Do not overfill.
- Reinstall the oil level dipstick. Check for oil leaks.

NOTE

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

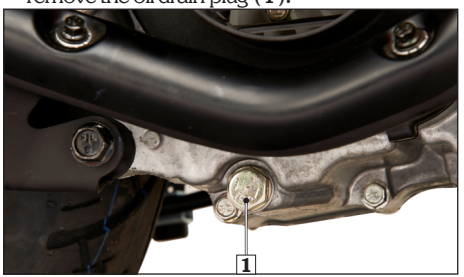


(1) UPPER level mark (2) LOWER level mark (3) Oil level dipstick

Engine oil replacement/Oil strainer cleaning

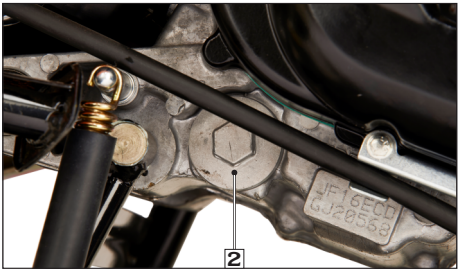
Change the engine oil with the engine at normal operating temperature and the vehicle on its main stand to assure complete and rapid draining.

- Remove the oil level dipstick.
- Place an oil drain pan under the crankcase and remove the oil drain plug (1).



(1) Drain Plug

- Remove the oil strainer screen cap (2).



(2) Oil strainer screen cap

- The spring (3) and oil strainer screen (4) will come out when the oil strainer screen cap is removed.
- Clean the oil strainer screen.
- Check that the oil strainer screen, sealing rubber and cap O-ring (5) are in good condition.



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

- Install the oil strainer screen, spring and oil strainer screen cap. Install the drain plug.
- Fill crankcase with the recommended grade of oil:

At draining: 0.70 litre

At engine disassembly: 0.80 litre

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

! CAUTION

- ***Engine oil quality is the chief factor affecting engine service life. Replace and top-up the engine oil as specified in the maintenance schedule (pages 41 to 43).***
- ***When running in very dusty conditions, oil changes should be performed more frequently than specified in the maintenance schedule.***

! WARNING

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

Spark plug

Refer to the safety precautions **(page 40)**.

Recommended spark plug:

Champion-PRZ 9 HC (Federal Mogul)

! WARNING

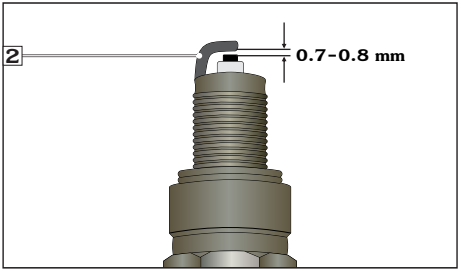
Never use a spark plug with an improper heat range. Severe engine damage could result.

- Remove the center cover **(page 27)**.



(1) Noise suppressor cap

- Disconnect the noise suppressor cap (1) from the spark plug.
- Clean any dirt around the spark plug base.
- Remove the spark plug using the wrench plug provided in the tool kit.
- Inspect the electrodes and center porcelain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug. Clean carbon or wet fouled plug with a plug cleaner.
- Check the spark plug gap using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode (2) carefully.



(2) Side electrode

- With the plug washer attached, thread the spark plug in by hand to prevent cross-threading.
- Tighten a new spark plug 1/2 turn with a wrench plug to compress the washer. If you are reusing a plug, it should only take 1/8-1/4 turn after the plug seats.
- Reinstall the noise suppressor cap.

⚠ WARNING

The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the engine.

Idle speed

Refer to the safety precautions **(page 40)**.

The engine must be at normal operating temperature for accurate idle speed adjustment. Ten minutes of stop-and-go riding is sufficient.

- Warm up the engine and park the vehicle on its main stand.
- Open the seat **(page 22)**.
- Adjust idle speed by adjusting the throttle stop screw by inserting a suitable screw driver (1) from the opening provided in the floor panel as shown.
- Idle stop screw is visible from the carburetor maintenance window (2) provided in the center compartment (3).

Idle speed: 1700±100 rpm



(1) Screw driver (2) Carburetor maintenance window (3) Center compartment

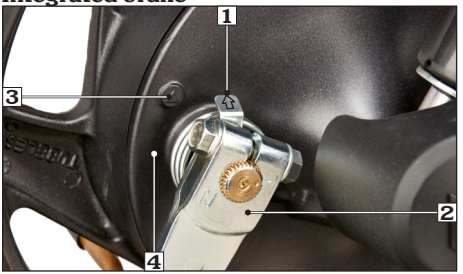
Brake shoe wear

Refer to the safety precautions **(page 40)**.

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

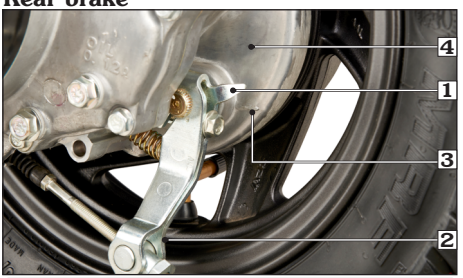
When the brake is applied, an arrow mark (1) on the brake arm (2) moves towards a reference mark (3) on the brake panel (4). If the arrow aligns with the reference mark on full application of the brake, the brake shoes must be replaced. Visit your Authorised Distributor/Dealer for this service.

Integrated brake



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

Rear brake



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

Battery

Refer to the safety precautions **(page 40)**.
Battery is located behind the front upper cover.

Specification

12V-4Ah (ETZ-5), MF Battery

It is not necessary to check the battery electrolyte level or add distilled water as the battery is 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 Distributor/Dealer.

NOTE

This symbol on the battery means that this product must not be treated as household waste.
This symbol on the battery means the old battery must be returned to your Authorised Distributor/Dealer as it must be treated as recyclable material.

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

WARNING

- ***The battery gives off explosive hydrogen gas during normal operation.***
- ***A spark or flame can cause the battery to explode with enough force to seriously hurt you.***
- ***Wear protective clothing and a face shield, or have skilled technician to do the battery maintenance.***

Battery charging

Always visit your Authorised Distributor/Dealer if you see any symptom of battery discharge as earliest as possible to get the battery charged. The battery has a

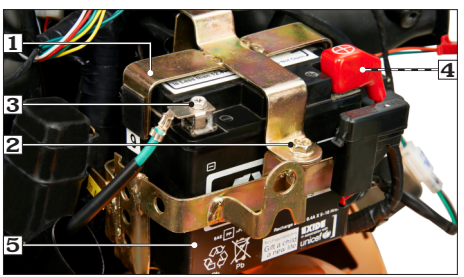
tendency to discharge rapidly if any additional electrical accessories are fitted on your vehicle.

Battery storage

- If in case your vehicle is not used for more then 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 then two months, ensure to fully charge the battery once in a month.
- Always ensure the battery is fully charged before installation.
- Ensure the battery leads are properly connected to the battery terminals during installation.

Battery removal

- Remove the front upper cover **(page 27)**.
- Remove the battery clamp (1) by removing the bolt (2).
- Disconnect the negative (–)ve terminal lead (3) from the battery first, then disconnect the positive (+)ve terminal lead (4).



(1) Battery clamp (2) Bolt (3) Negative (–)ve terminal (4) Positive (+)ve terminal (5) Battery

- Remove the battery (5).

Battery installation

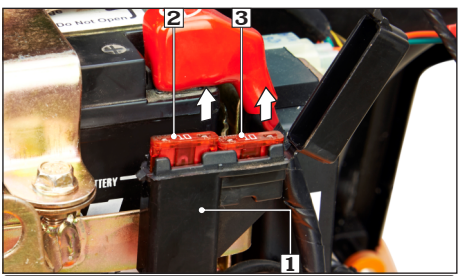
- Reinstall in the reverse order of removal. Be sure to connect the positive (+)ve terminal first, then the negative (–)ve terminal.
- Check the bolts and other fasteners are secured.

Fuse replacement

Fuse Type : Blade fuse

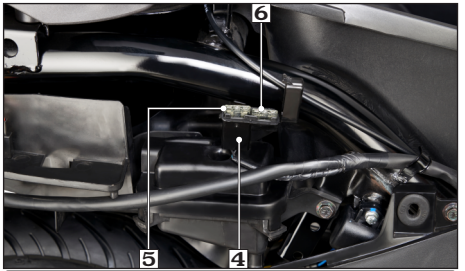
Main Fuse Box (1)**:** Location: Mounted on the battery tray.

In circuit main fuse (2): 10A, Spare main fuse (3): 10A



(1) Main Fuse box (2) In circuit main fuse (3) Spare main fuse

Mobile Charging Fuse Box (4)**:** Location: Mounted on the frame Mobile charging socket incircuit fuse (5): 2A, Mobile charging socket spare fuse(6): 2A



(4) Mobile charging fuse box
(5) Mobile charging socket incircuit fuse
(6) Mobile charging socket spare fuse

WARNING

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

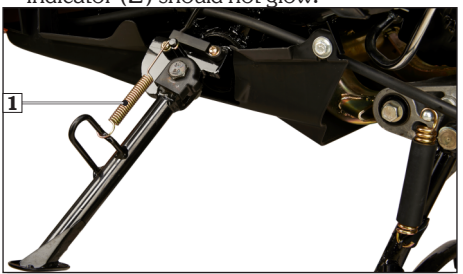
CAUTION

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

Side stand

Check the side stand for proper function.

- Check the spring (1) for damage or loss of tension and the side stand assembly for free movement.
- Check whether the side stand indicator (2) glows when the side stand is down.
- If the side stand is up, the side stand indicator (2) should not glow.



(1) Side stand spring

- If the side stand indicator (2) does not



(2) Side stand indicator

operate as described in steps 2 or 3, please visit your Authorised Distributor/Dealer.

! CAUTION

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

Bulb replacement

Refer to the Safety Precautions **(page 40)**.

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

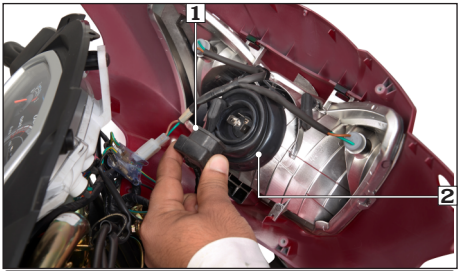
Do not put finger prints on the headlamp bulb, as they may create hot spots on the bulb and cause it to break.

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

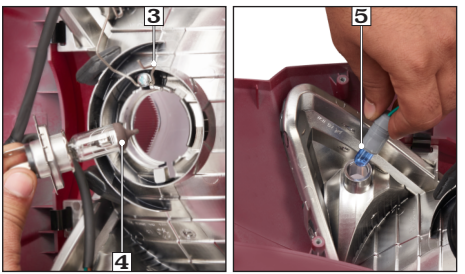
- Be sure to turn the ignition switch "OFF" when replacing the bulb.
- Do not use bulbs other than that specified.
- After installing a new bulb, check that the lamp operates properly.

Headlamp/Position lamp bulb

- Remove the headlamp case **(page 28)**.
- Disconnect the headlamp connector (1).
- Remove the dust cover (2).
- Loosen the screw and release the clip (3) from its position.
- Remove the headlamp bulb (4) without turning.
- Remove the position lamp bulb (5) from both sides of the headlamp case.



(1) Headlamp connector (2) Dust cover

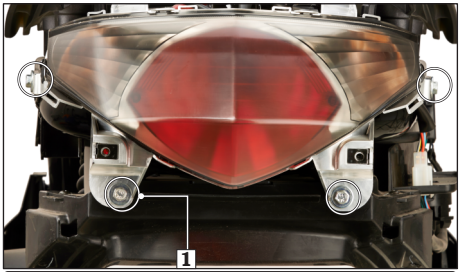


(3) Clip (4) Headlamp bulb (5) Position lamp bulb

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

Tail/Stop lamp bulb

- Open the seat **(page 22)**.
- Remove body covers **(page 25).**
- Dismount the tail/stop lamp unit from the vehicle by removing the bolts (1).



(1) Bolts

- Remove the bulb (2) by turning it to counter-clockwise direction.

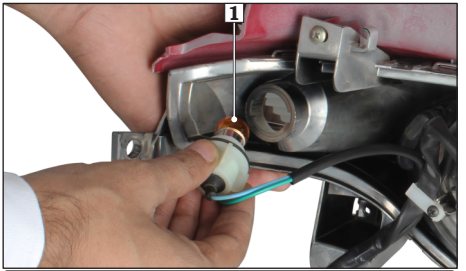


(2) Tail/stop lamp bulb

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

Rear turn signal bulb

- Follow the steps 1,2 & 3 of "Tail/stop lamp bulb".
- Remove the bulb (1) by turning it to counterclockwise direction.



(1) Rear turn signal lamp bulb

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

Front turn signal bulb

- Remove the front upper cover **(page 27)**.
- Remove the bulb (1) by turning it to counterclockwise direction.



(1) Front turn signal lamp bulb

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

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.

REMOVING ROAD SALT

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

Wash your vehicle when run on such conditions by the following the point mentioned below, Clean the vehicle using cold water **(page 38)**. Do not use warm water. This worsens the effect of the salt.

STORAGE GUIDE

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

Storage

- Change the engine oil.
- Empty the fuel tank into an approved petrol container using a commercially available , hand siphon or an equivalent method. Spray the inside of the tank with an aerosol rust-inhibiting oil.
- Reinstall the fuel filler cap on the tank.
- If storage lasts more than a month carburetor draining is very important, to assure proper performance after storage.

⚠ WARNING

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

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

To prevent rusting in the cylinder, perform the following:

- Remove the noise suppressor cap from the spark plug. Using tape or string, secure the cap to any convenient plastic body part so that it is positioned away from the spark plug.
- Remove the spark plug from the engine and store it in a safe place. Do not connect the spark plug to the noise suppressor cap.
- Pour a tablespoon (15-20 ml) of clean engine oil into the cylinder and cover the spark plug hole with a piece of cloth.
- Crank the engine several times to distribute the oil.
- Reinstall the spark plug and noise suppressor cap.

- Remove the battery. Store in an area protected from freezing temperatures and direct sunlight. Charge the battery once a month.
- Wash and dry the vehicle. Wax all painted surfaces. Coat chrome plated parts with rust inhibiting oil.
- Inflate the tyres to their recommended pressures. Park the vehicle on blocks to raise both tyres off the ground.
- Cover the vehicle (don't use plastic or other coated materials) and store in an unheated area, free of dampness with a minimum of daily temperature variation. Do not store the vehicle in direct sunlight.

Removal from storage

- Uncover and clean the vehicle. Change the engine oil if the vehicle has been stored for more than **4** months.
- Check the battery voltage and charge the battery as required. Install the battery.
- Drain any excess aerosol rust-inhibiting oil from the fuel tank. Fill the fuel tank with fresh petrol.
- Perform all Pre-ride Inspection checks **(page 29)**. Test ride the vehicle at low speeds in a safe riding area away from traffic.

1. STARTING TROUBLE – ENGINE DOES NOT START

A. Fuel System

- Check fuel in fuel tank → (No fuel) → Refill
- Ok
- Check fuel lines → (Leakage/air lock) → Rectify
- Ok
- **Consult Authorised Distributor/Dealer**

B. Electric Starter Not Working

- Check fuse → (Fused) → Replace fuse **(ref. Page 51)**
- Ok
- Inspect battery → (Weak) → **Consult Authorised Distributor/Dealer**
- Ok
- Check connections, ignition switch/ starter switch/Stop lamp switch → (Loose) → Secure connections
- Ok
- **Consult Authorised Distributor/Dealer**

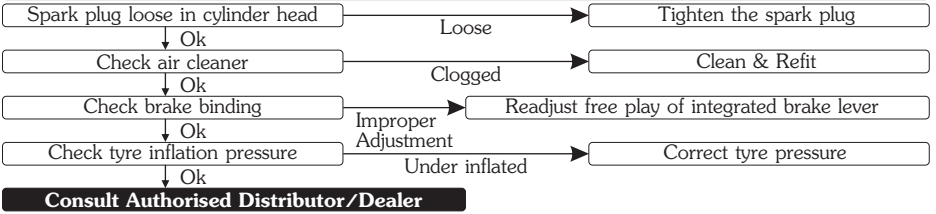
C. No Spark At Spark Plug

- Check ignition switch → ("OFF") → Turn ignition switch "ON"
- Ok
- Check spark plug for fouling/ Improper electrode gap → (No spark) → Replace spark plug/adjust Spark plug gap (0.7–0.8 mm)
- Ok
- Check for poorly connected Or loose spark plug wire → (Loose contact) → Secure properly
- Ok
- **Consult Authorised Distributor/Dealer**

2. ENGINE STARTS BUT STALLS

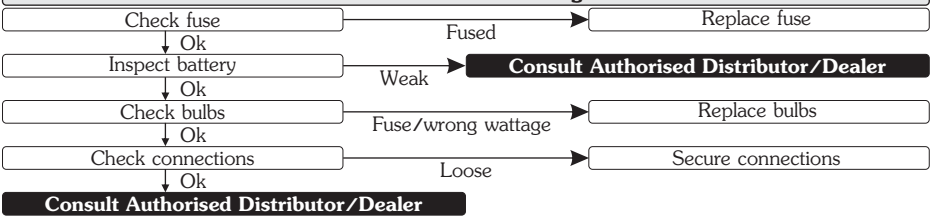
- Check choke lever position → ("ON") → Turn to "OFF" position
- "OFF" position
- Check air cleaner → (Dirty/Clogged) → Clean & Refit
- Ok
- **Consult Authorised Distributor/Dealer**

3. POOR PICK UP



4. ELECTRICAL SYSTEM

Feeble horn sound or no light



CUSTOMER'S COPY

Pleasure

HMCL Niloy Bangladesh Ltd.

DELIVERY CERTIFICATE

No.: IBUC

DEALER CODE

I certify having taken delivery of one HMCL Niloy Bangladesh Ltd. **PLEASURE** vehicle bearing the following particulars:-

Engine No. _____

VIN No. _____

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

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

Customer's Name _____

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

Customer's Copy

Pleasure

HMCL Niloy Bangladesh Ltd.

Alongwith the scooter I have also received the following:-

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

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

Customer's Name _____

Customer's Address _____

Customer's Signature _____

Authorised Distributor/Dealer Name _____

Authorised Distributor/Dealer Address _____

Details of Tool kit -

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

AUTHORISED DISTRIBUTOR/DEALER COPY

Pleasure

HMCL Niloy Bangladesh Ltd.

DELIVERY CERTIFICATE

No.: IBUD

DEALER CODE

I certify having taken delivery of one HMCL Niloy Bangladesh Ltd. **PLEASURE** vehicle bearing the following particulars:–

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VIN No. _____

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Customer's Signature _____

Authorised Distributor/Dealer Name _____

Authorised Distributor/Dealer Address _____

Details of Tool kit -

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

GENUINE PARTS

WHAT ARE THE BENEFITS OF GENUINE SPARE PARTS ?

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

CONSEQUENTIAL DAMAGES ON USING NON-GENUINE PARTS

Cam Chain Kit	• Poor performance • Reduced life • Material used is inferior • Damages other parts of clutch like, clutch center and outer clutch
Gasket Cylinder Head	• Improper sealing • Engine knocking • Leads to leakage and smoky exhaust • Higher emission level
Element Air Cleaner	• Improper air filtration resulting in premature engine failure • Affects fuel efficiency • Poor engine performance
Spark Plug	• Frequent stalling of engine • Higher emission level • Poor engine performance • Affects fuel efficiency

GENUINE PARTS

CONSEQUENTIAL DAMAGES ON USING NON-GENUINE PARTS

Spark Plug	• Frequent stalling of engine • Higher emission level • Poor engine performance • Affects fuel efficiency
Brake Pads/Shoes	• Poor b raking effeciency • 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

JOBS APPLICABLE TO PERIODIC SERVICES

- Wash the vehicle, blow dry with air at every service.
- Inspect fuel line at every service.
- Inspect throttle free play and operation at every service, adjust if necessary.
- Inspect and adjust carburetor if necessary in every service.
- Clean air cleaner element at every service, (replace at every 12000 km).
- Inspect the clean spark plug at every service, adjust if necessary (replace at every 12000 km).
- Inspect the valve clearance at every service, adjust if necessary.
- Replace engine oil or top up as per the maintenance schedule.
- Clean engine oil strainer screen at first service then every 6000 km.
- Inspect and clean drain tube, if required.
- Inspect oil circulation at every service.
- Inspect and clean secondary air filter at every service.
- Clean and lubricate the kick starter driven gear in the belt case.
- Inspect battery voltage at every service and charge if required.
- Lubricate pivot arm at every service.
- Inspect brake shoe wear at every service, adjust if necessary.
- Check stop lamp switch operation at every service.
- Inspect all lamps, horn and switches at every service, adjust if necessary.
- Inspect headlamp focus at every service, adjust if required.
- Check front and rear suspension at every service.
- Lubricate the side stand and main stand at every service.
- Inspect and clean the side stand switch.
- Inspect fasteners and tighten to the specified torque (if required).
- Inspect wheels/tyres. Inflate tyre to specified pressure at every service.
- Inspect steering for smooth operation, adjust in every alternate service and lubricate at every 12000 km.
- Test drive the vehicle for repair of problems reported.
- Clean and polish the vehicle before delivery.

SERVICE RECORD SHEET
To be Filled in by Supervisor

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

NOTE

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

SERVICE RECORD SHEET
To be Filled in by Supervisor

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

REMARKS (IF ANY)

Pleasure

HMCL Niloy Bangladesh Ltd.

OWNERSHIP RECORD AND DATA

NAME_____

ADDRESS_____

MODEL_____ **REGN. NO.** _____

ENGINE NO._____**VIN NO.**_____

DATE OF PURCHASE_____**KM. READING** _____

AUTHORISED DISTRIBUTOR/DEALER NAME_____

ADDRESS_____

_____

BATTERY MAKE_____ **SERIAL NO.**_____

AUTHORISED DISTRIBUTOR/DEALER
STAMP AND SIGNATURE