



MOVE EASY

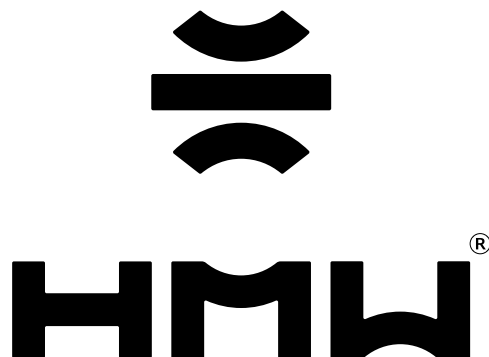
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HMW[®]

MOTORCYCLE OWNER'S MANUAL



125
CLASSIC



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Dear Customer,

Thank you for choosing this motorcycle.

This motorcycle is smart-looking, durable, comfortable to ride, safe and reliable. All of which will bring you great riding enjoyment.

This manual explains how to operate, maintain, and adjust your motorcycle. Please read it carefully and become familiar with its contents. It will help you understand not only how to operate the motorcycle, but also its basic structure and the correct methods of maintenance and adjustment, so that it performs well over a longer service life.

Our company follows the principle of „Do It, and Do It Best,“ and we continuously update our products. For this reason, the actual motorcycle may differ slightly from the one described in this manual. We may not always notify you of such changes in advance. Thank you for your understanding.

We wish you many enjoyable rides on this motorcycle.

PRINCIPAL COMPONENTS AND THEIR NAMES

- 1 Headlight
- 2 Rear-view mirrors
- 3 Handlebar with controls
- 4 Fuel tank
- 5 Seat
- 6 Rear shock absorber assembly
- 7 Exhaust muffler
- 8 Rear brake pedal
- 9 Engine



PRINCIPAL COMPONENTS AND THEIR NAMES

MAIN TECHNICAL SPECIFICATIONS

DIMENSIONS & WEIGHTS	
Length x Height x Width	2020 x 1085 x 825mm
Wheelbase	1330mm
Seat height	790mm
Vehicle weight (incl. Fluids)	135kg
Permissible Maximum Weight	315kg
Fuel Tank Capacity	13L (2L Reserve)
Fuel	Min. Super ROZ-95
Seats	2
ENGINE	
Engine Type	Single Cylinder, 4-stroke, Air/Oil-cooled
Max. Power	8,4kW @9000rpm
Max. Torque	9,9Nm @6500rpm
Displacement	125ccm
Bore x Stroke	57.3 x 48mm
Compression Ratio	9.7:1
Emissions Class	Euro V+
TRANSMISSION	
Transmission	5-speed manual
Drive system	Chain - 428

MAIN TECHNICAL SPECIFICATIONS

CHASSIS	
Brakes front	Disc Brake, Ø276mm
Brakes rear	Disc Brake, Ø220mm
Brake safety system	Dual Channel ABS
Front shock absorber	Telescopic fork
Rear shock absorber	Stereo shocks, preload adjustable
Front Tyre	100/80-17"
Rear Tyre	130/70-17"
DRIVING PERFORMANCE	
Top speed	101 km/h
Fuel Consumption	2,2 L/100km
CO2 Emissions	52 g/km
GENERAL SPECIFICATIONS	
Homologation EU	L3e-A1
Lighting	Full LED
Speedometer	Digital

HMW Mobility GmbH reserves the right to make changes to specifications, design, or equipment at any time without prior notice and without incurring any obligation.

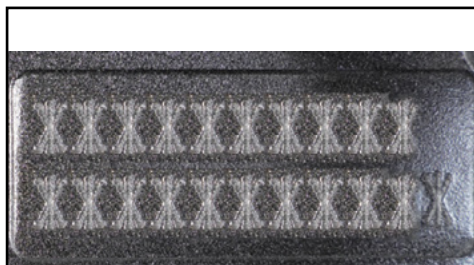
EQUIPMENT AND OPERATION

A) Motorcycle Identification

Nameplate: On the left side of the steering head.

Vehicle identification number (VIN): On the right side of the steering head.

Engine number: Stamped on the lower left side of the engine case.



B) Fuel tank and Fuel cap

Total fuel tank capacity is 13 L, of which 2 L is reserve. Reserve is clearly indicated by an orange Signal on the instrument cluster.

To open the fuel cap, flip open the center part of the cap, insert the ignition key into the tank lid lock and turn it clockwise 45°.

After refueling, press the cap back into place and lock it with the ignition key. When latched properly, the key snaps back in the straight position and can be removed.

Note: Use only Super ROZ-95 or higher fuel.

When refueling, do not fill above the neck of the tank / the upper limit of the filler opening.

After refueling, check the correct latching of the gas cap. Gasoline is highly flammable and can ignite under certain conditions. Before opening the fuel cap, make sure the engine is completely off. Do not smoke or handle any open fire during refueling and near the open gas cap.

B



EQUIPMENT AND OPERATION

C) Instrument cluster

Regular Information:

- Speedometer: Displays current road speed.
- Tachometer: Displays engine RPM.
- Odometer: Displays total distance traveled.
- Turn signal indicator: Flashes when a turn signal is active.
- Neutral indicator light (green): Illuminates when the transmission is in neutral.
- Gear position indicator: Displays the current gear.
- High-beam indicator (blue): Illuminates when the headlight high beam is on.
- Fuel level: Fuel level is indicated with five green bars.

Warning Lights:

- Check Engine Light: Indicates a malfunction within the engine. Contact your dealer for service. Drive with extra caution.
- ABS Warning: Indicates a malfunction within the ABS system. Contact your dealer for service. Drive with extra caution.

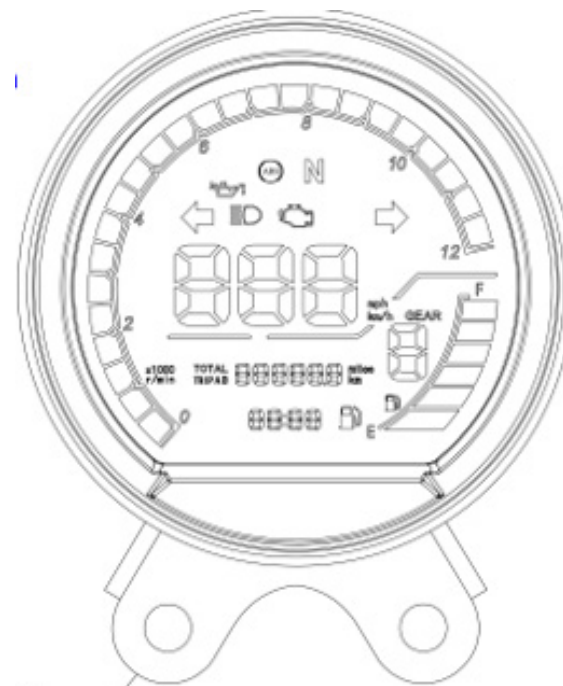


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EQUIPMENT AND OPERATION

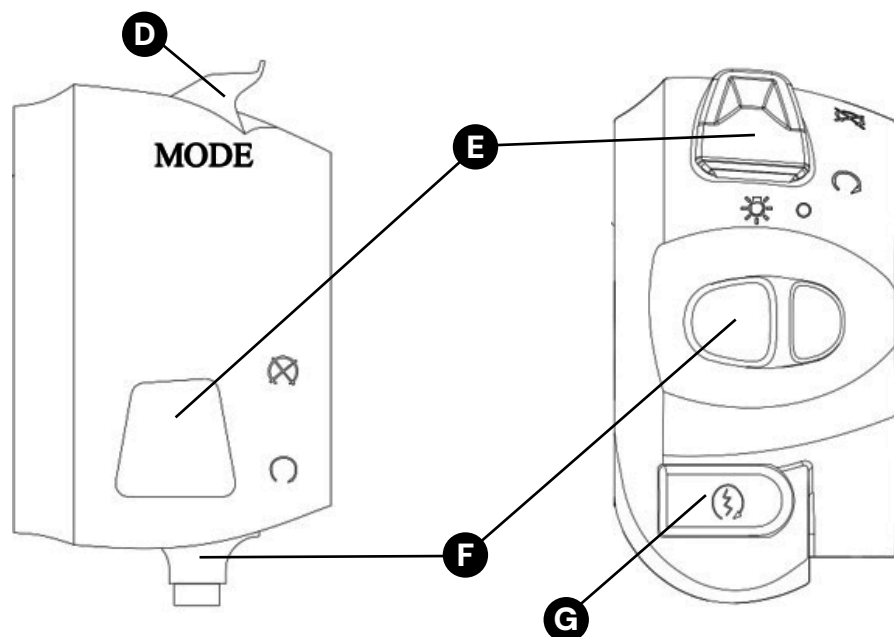
C



Clock adjustment:

- Press and hold the **MODE** button on right handlebar controls (> page 14) until the clock starts to blink
- Press the **MODE** button to adjust minutes
- Press and hold the **MODE** button to switch to hours
- Repeat pressing of the **MODE** button to adjust hours
- Press and hold the **MODE** button to finish
- Clock stops blinking

RIGHT HANDLEBAR CONTROLS



D) MODE Button

The **MODE** button is used to switch between Odometer and Tripmeter on the speedometer. It's also used to adjust the clock on the speedometer (> page 13).

E) Engine Stop Switch

Put this switch in the ON position (☺) before the engine is started. The engine will not start otherwise. Use the switch to immediately turn OFF (☹) the engine in an emergency or when the vehicle needs to be switched off quickly.

RIGHT HANDLEBAR CONTROLS

F) Light Switch

In the OFF position (○) all lights are off. Headlight will always come on with engine running due to regulatory reasons. Brake and Indicator lights operate separately. In the ON Position (☼) Parking light, Low/High Beam and Taillight are on.

G) Start Button

To start the engine, pull the clutch lever and press the start button. Keep it pressed until the engine starts. Do not start longer than 10 seconds at a time to avoid damage to the electric starter.

H) Ignition switch/lock

Put in the ignition key and turn the ignition lock into the ON position (☺) to turn the ignition. Turn the ignition lock into the OFF position (☹) to turn off the engine and motorcycle.



▲ Safety advice: Get familiar with all functions and controls before operating any buttons while riding.

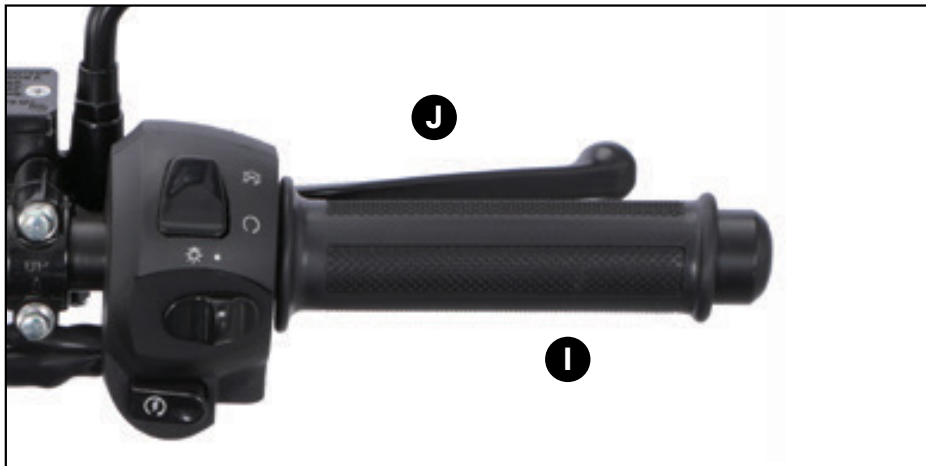
RIGHT HANDLEBAR CONTROLS

I) Throttle

The throttle controls the power output of the engine. Turn the throttle toward you to accelerate and away from you to decelerate. Avoid sudden acceleration and deceleration as it can introduce slip of the rear tire.

J) Front Brake Lever

By pulling the brake lever, it directly operates the front brake. Practice brake engagement in a safe environment, before entering the public roads. Avoid unnecessary sudden and hard braking as it can introduce slip of the front tire.



RIGHT HANDLEBAR CONTROLS

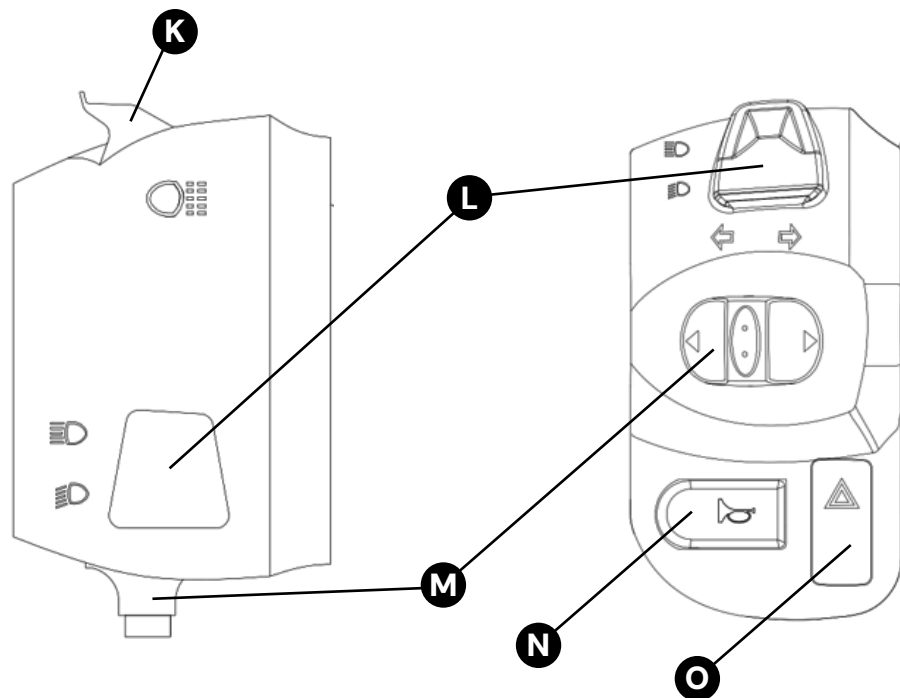
▲ Safety advice: Every rider should attend a professional motorcycle safety training course before riding regularly. Such training helps riders develop safe braking, cornering and evasive maneuvering techniques in a controlled environment.

It also improves awareness of vehicle dynamics and helps riders better understand how the motorcycle reacts in different riding situations.

Especially for riders with limited motorcycle experience, practical training can help build confidence and develop appropriate riding habits.

A safety course complements the rider's legal driving license and responsibility to ride safely and according to road conditions.

LEFT HANDLEBAR CONTROLS



K) Headlight flash

Push the headlight flash button to flash the high beam light.

L) Low/High beam switch

Toggle the Low/High beam switch to switch between low beam (☹) and high beam (☺) headlights. Up position is high beam. Down position is low beam. The corresponding indicator on the instrument panel lights up accordingly.

LEFT HANDLEBAR CONTROLS

M) Turn signal switch

Push left to signal a left turn, push right to signal a right turn. After pushing, the switch returns to the center and the selected turn signal continues flashing until the switch is pressed in the center to cancel.

N) Horn button

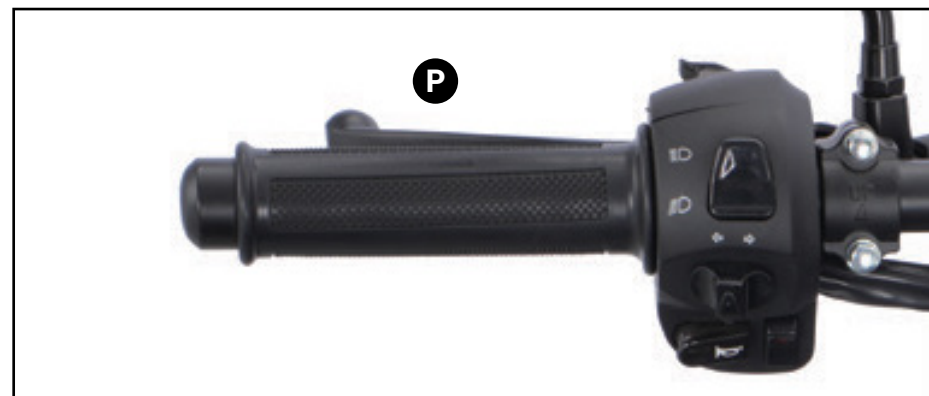
Press to honk the horn.

O) Hazard lights button

Pushing the hazard lights button activates the hazard lights. All indicator lights flash together.

P) Clutch Lever

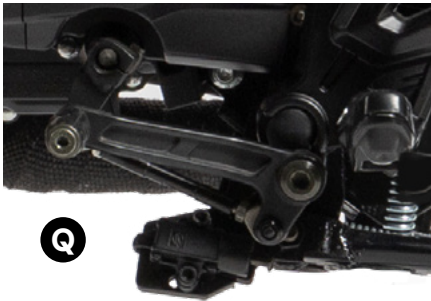
Pull in when starting the engine or shifting gears to disengage the clutch and interrupt power transmission to the rear wheel.



OTHER VEHICLE CONTROLS

Q) Gearshift Lever

The gear lever on the left of the vehicle operates the 5-speed manual gearbox. **The shift pattern is 1 – N – 2 – 3 – 4 – 5**. Press down to engage first gear. The Speedometer indicates Neutral with a green Neutral light.



R) Rear Brake lever

The rear brake lever is on the right side of the vehicle. By pushing down the brake lever, it directly operates the rear brake. Practice brake engagement in a safe environment, before entering the public roads. Avoid unnecessary sudden and hard braking as it can introduce slip of the rear tire.

S) Side Stand

The side stand is located on the left side of the vehicle. To park the vehicle safely using the side stand, rotate it forward until it is fully extended. The side stand is equipped with a safety switch. The safety switch will always turn off the engine with the side stand extended.

OTHER VEHICLE CONTROLS

T) Main Stand

To put the vehicle on the main stand, stand on the left side of the vehicle, hold the vehicle upright with your left hand, push down on the main stand pedestal and pull up on the rear of the vehicle. Not much force is required to put the vehicle safely on the main stand.

U) Toolkit

The vehicle toolkit is located underneath the left side cover in the toolbox compartment. Gently pull off the rubber cap, to access the compartment.

V) Passenger Footpegs

The vehicle is equipped with passenger footrests. When riding alone, the passenger footpegs remain flipped upwards to prevent the driver from touching them or hitting obstacles. When riding with a passenger, the passenger footpegs must be flipped downwards for the passenger to rest their foot on the pegs.

W) Steering lock

The steering lock is located beneath the lower triple clamp/steering head. To lock, turn the handlebars fully to the left, insert the ignition key into the lock, and turn it 180° to the right to engage the lock.

GUIDE FOR SAFE RIDING

- Braking distance increases on wet roads. Avoid sudden braking, which can cause skidding or crash.
- Reduce speed when approaching corners or intersections. Accelerate gradually once you have completed the turn.
- Use caution when passing parked vehicles — a door may open suddenly without warning.
- Railroad tracks and steel plates at construction sites become extremely slippery when wet. Reduce speed and keep the motorcycle upright when crossing these surfaces.
- Washing the motorcycle may wet the brakes. Always test brake performance before riding.
- Always wear an approved helmet and proper motorcycle clothing while riding.
- Do not overload the motorcycle — this affects stability. Secure any cargo tightly with a strong strap or rope; loose loads can affect handling and distract you from road conditions.

MOVE EASY

PRE-RIDE CHECKLIST



- ≡ **Engine oil:** Level above the minimum mark?
- ≡ **Fuel:** Enough fuel for the trip?
- ≡ **Front & Rear brake:** Correct operation?
- ≡ **Tire Pressure:** Front and Rear tire pressure according to vehicle loading?
- ≡ **Handlebar:** Turns freely, without looseness or excessive resistance?
- ≡ **Lights:** Headlight, Taillight, Indicators function?
- ≡ **Overall:** General look of the whole bike?

BREAK-IN GUIDELINES

Proper break-in of a new motorcycle is essential for extending its service life and achieving optimal performance.

The break-in period for this motorcycle is the first 1000 km.

During this period, avoid subjecting the engine to excessive load. It is recommended to carry only the rider, with no additional passenger or cargo — especially during the first 500 km. Also avoid prolonged hill climbing and extended travel on rough roads.

During break-in, all moving components inside a new engine undergo an initial wearing-in process, during which part tolerances gradually settle into their optimal operating state. Running the engine under light load during these initial kilometers significantly improves its long-term durability.

Periodically check for looseness or unusual noises in the motorcycle's mechanical connections. If you notice any irregularity, address it promptly.

BREAK-IN GUIDELINES

The following break-in guidelines are provided:

1. 0–500 km

Avoid holding the throttle at a fixed, half-open position for long periods. Vary your speed while riding, and do not exceed half throttle. After each hour of riding, let the engine rest for 10 minutes.

2. 500–1,000 km

Avoid full throttle and continue to vary your speed throughout this period.

3. Beyond 1,000 km

Once break-in is complete, the engine and other components will have properly run in. At this point, perform all necessary adjustments, tighten all fasteners, and change the oil to remove any metal particles generated during break-in. After completing these steps, the motorcycle may be run at full throttle. Continue to monitor engine performance and listen for unusual noises to confirm normal operation.

INSPECTION AND MAINTENANCE

SERVICE SPECIFICATIONS	
Chain	428-126
Chain Transmission	15T - 45T
Oil Volume (oil change)	1L
Oil Type	10W-40 (API SL or higher)
Brake Fluid	DOT 4
Spark Plug	NGK DR8EA
Valve Clearance	IN: 0,04-0,06mm EX: 0,09-0,11mm
Cold Tire Pressure (normal load)	Front: 2,2-2,3bar (225kPa) Rear: 2,2-2,3bar (225kPa)
Cold Tire Pressure (fully loaded)	Front: 2,2-2,3bar (225kPa) Rear: 2,5-2,6bar (255kPa)

X) Engine oil level

- Put the motorcycle on the main stand, upright on level ground.
- Open the dipstick on the right side of the engine by unscrewing it.
- Clean the dipstick with a towel.
- Rest the dipstick on the filler opening without screwing it in.

INSPECTION AND MAINTENANCE

- Pull it back out and check the oil level. The oil level should be between the maximum and minimum marks on the dipstick.
- If the oil level is around or below minimum, top up with oil meeting the specified grade. Use only engine oil as per specification in the service specification table.

Y) Clutch lever adjustment

The clutch transmits engine power to the rear wheel. Improper adjustment can cause hard gear engagement, clutch slippage and premature failure of the clutch.

Check clutch lever free play by gently pulling on the clutch lever until you feel resistance. Check the distance between the clutch lever and the clutch lever mounting bracket. The distance should be within specification, otherwise it must be adjusted accordingly.

Clutch lever free play: 3-5mm

If clutch lever free play is out of specification, slide the rubber boot on the clutch lever mounting bracket away from the bracket, loosen the locknut on the clutch cable and use the adjuster to correct it. Retighten the lock nut and put the rubber boot back.

INSPECTION AND MAINTENANCE

Z) Drive chain inspection, lubrication and adjustment

Poor chain maintenance leads to premature wear and noise. Inspect and lubricate the chain regularly.

Clean and lubrication procedure:

- Turn off the engine and remove the ignition key to prevent it from starting. Support the motorcycle on its main stand and select neutral gear.
- Clean off excessive dirt and residual chain lube. Use only proper chain cleaning solvent.
- Let the chain cleaning solvent dry completely before applying new chain lube.
- Turn the wheel with one hand and spray the chain lube on the inside of the chain with the other hand. Only use dedicated chain lube and follow the instructions on the product. Avoid spraying chain lube onto the tire. Clean the tire properly as chain lube on the tire surface can cause the tire to slip and a dangerous situation while riding.

Inspection procedure:

- Turn off the engine and remove the ignition key to prevent it from starting. Support the motorcycle on its main stand and select neutral gear.
- Push the chain up and down by hand in the middle between the engine and the rear wheel. Permissible vertical movement is 15–25 mm.

INSPECTION AND MAINTENANCE

- Rotate the rear wheel and check that chain tension stays consistent throughout the rotation. Permissible deviation throughout a full revolution is 20mm.
- If the chain is out of adjustment, adjust according to specification. If it shows excessive wear, rust or damage or makes loud rattling noise, replace it as soon as possible.

Adjustment procedure:

- Turn off the engine. Support the motorcycle on its main stand and select neutral gear.
- Loosen the rear axle nut.
- Use the adjustment screws (Inverted Hex) on both swingarms to adjust the chain tension according to specification. Always adjust equally and check that the wheel is still aligned straight.
- Torque the rear axle nut. (80Nm)
- Check if the chain tension is still within spec. Readjust if necessary.
- Check the adjustment screws (Inverted Hex) on both swingarm and retighten if necessary.

▲ Safety advice: Perform inspection and maintenance work only if you possess the necessary technical knowledge, practical experience, and appropriate tools.

INSPECTION AND MAINTENANCE

Tire Maintenance:

Check tire pressure and tread condition regularly for maximum safety and tire life. Check the wear marks on the tire to judge if a tire replacement is due.

Low tire pressure increases wear, makes steering heavier, and reduces stability. High tire pressure reduces the tire's contact patch with the road, which can cause slipping or loss of control. Always keep pressures within the specified range, and check pressure when the tires are cold.

Check the Service Specification table for tire pressure recommendations.

Never ride on worn-out tires. This affects traction, stability, handling and safety!

Battery Maintenance:

The vehicle uses a sealed lead-acid battery which is maintenance free. Inspect battery condition and terminals and keep connections clean and tight.

If the motorcycle is not used for extended periods, disconnect and recharge the battery with a suitable 12V lead-acid battery charger at least every 2 months.

HMW CLASSICS MAINTENANCE SCHEDULE	Every 300km	after first 1000km or 1 year	Every 3000km or 1 year	Every 6000km or 2 years
To be checked by	Owner	Dealer		
Engine Oil / Strainer	I	I / R	I / C / R	I / C / R
Brakes Front / Rear	I	I	I / C	I
Brake Fluid	I	I	I	I / R
Clutch / Throttle	I	I / A	I / A	I / A
Lights	I	I	I	I
Air Cleaner	I	I	I / C	I / C / R
Spark Plug	I	I	I	I / R
Chain	I / L	I / L / A	I / L / A	I / R
Tires	I	I	I	I
Tire pressure	I / A	I / A	I / A	I / A
Suspension Front / Rear	I / C	I / C	I / C	I / C
Suspension Front Oil	-	I	I	I / R
Side- and Mainstand	I	I	I	I
Steering head bearing	-	I	I	I / L
Valve Clearance	-	I / A	I	I / A
Emissions Systems	I	I	I	I
General Inspection	I	I	I	I
A—ADJUST C—CLEAN I—INSPECT R—REPLACE L—LUBE				

Note: The maintenance schedule is based on a vehicle which is run in standard conditions. Consult your dealer, if you have specific needs or loads, the vehicle is subject to. Under extreme conditions, such as high heat, sand, rough roads, the suggested maintenance intervals are reduced to half the mileage and time.