USER MANUAL

GP 1 - GP 2

Welcome to Wottan Motor

Dear owner: Congratulations on your choice of a GP 1 e GP 2 model and thank you for your trust in us.

In order to operate your vehicle safely and to keep it in perfect condition at all times, we recommend that you carefully read the instructions in this manual and follow the stipulated maintenance procedures. We are confident that WOTTAN MOTOR will repay the trust you have placed in us.

We would like to remind you that only WOTTAN service technicians are trained and have all the up-to-date information and tools to provide you with excellent service according to the specific needs of your new vehicle.

The entire Wottan motor team is constantly working to update and improve the product. Therefore, some of the information in this manual may be altered and modified without prior notice.

The manufacturer declines responsibility for any damage to the unit as a result of accessories not approved by the manufacturer.

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Wottan Motor

INTRODUCTION

WOTTAN MOTOR has designed, tested and produced this motorbike using the most advanced technology in order to offer you a safe and enjoyable ride. to provide you with a pleasant and safe ride.

Your WOTTAN will provide you great moments of fun while being a practical, safe and economical means of transport. However, before using it, especially for the first time, please familiarise yourself with the information on this manual. Also, all the care and maintenance your WOTTAN requires is described in this manual. If you follow all instructions carefully, you will ensure a long service life for your motorbike. The WOTTAN Authorised Dealer and Service Network has experienced technicians capable of giving your motorbike the best possible service with the necessary tools and knowledge.

All information, illustrations, photographs and specifications contained in this manual are based on the latest production information. Due to WOTTAN's policy of continuous product improvement there may be some differences between this manual and your motorbike. WOTTAN reserves the right to make changes to its products at any time. Please also note that this Manual refers to all specifications of a particular motorbike model for any given country. Some details may vary from one country to another. Therefore, your model may differ from what is shown in this manual.

February Edition 2023

WARNING
This owner's manual contains important instructions for your safety and the operation of your scooter.

Please read it carefully, as careful driving in combination with regular care and maintenance helps to maintain the value of the scooter and is one of the prerequisites for claiming warranty care.

Please be advised, of course, that it is neither practical nor possible to warn you of all the dangers associated with the operation, handling or maintenance of your vehicle. You must use your common sense.

SAFETY > SECURITY CHECK

Checklist

Before driving, perform a safety check using the enclosed checklist.

Take the safety check seriously. Perform proper maintenance before you start your journey. A technically fault-free motorbike is a basic requirement for your safety and that of other road users.

Before you start your journey, check the following:
- Handlebars (smooth and easy to handle).
- Engine oil level
- Fuel quantity
- Front brake
- Rear brake
- Tyres (contour and pressure)
- Front fork
- Load distribution
- Lights
- Total weight
- Brake fluid level.

In the event of problems or difficulties, contact an authorised service point.

WARNING
Do not touch the ignition system while the engine is running.

FIRE HAZARD
The exhaust system reaches very high temperatures. Make sure that you are not in contact with flammable materials while driving, stationary or parked!

WARNING
For your safety, only use original accessories or products approved and certified by Wottan Motor.

NOTE
Our approved products and accessories are available at all authorised points of sale and in our website www.wottanmotor.com.

WARNING
Do not exceed the maximum permissible weight.

Check tyre pressure.

Check rims.

WARNING
Before any journey, check the operation of all lighting components of the vehicle.

- Check that the headlights are clean.

SAFETY > SAVE DRIVING RECOMMENDATIONS

CAUTION
Safety is also largely determined by driving style.

Therefore:
- Put on an approved safety helmet and adjust it correctly.
- Wear appropriate protective clothing.
- Use foot rests.
- Do not drive if your driving ability may be compromised (in ice, rain or strong wind).

Your reactions can be severely affected, not only by alcohol, but also by drugs and medicines, do not drive under the influence of either.

- Strictly observe all traffic regulations.
- Always adapt your driving speed to the traffic and road conditions.

On wet roads or in the presence of loose gravel, be aware that your stability and braking power are limited by the grip of the wheels on the road surface and the distance may be greater.

Drive economically and be environmentally friendly.

Fuel consumption, environmental pollution and wear and tear on the engine, brakes and tyres depend on a number of factors.

Your personal driving style is a major determinant of fuel consumption, exhaust and noise generation.

At idle, the engine needs time to warm up to an optimal operating temperature. However, in the warm-up phase, pollutant emissions and the level of wear and tear are very high. Therefore, it is best to start driving immediately after starting the engine gently and without forcing the engine until it reaches optimum operating temperature.

Avoid hard acceleration

Moderating the use of the accelerator to what is strictly necessary reduces fuel consumption as well as pollution and wear levels.

Drive as smoothly as possible and anticipate manoeuvres as much as possible.

Hard acceleration and braking cause high fuel consumption and increased pollution levels.

Wet brakes

Washing the scooter or driving through water or rain can delay the braking effect due to wet or (in winter) icy brake discs or pads.

WARNING
CAUTION braking distances increase exponentially when the brake discs are wet.

CAUTION

On roads salted by de-icing.

When driving on roads on which salt has been deposited, full braking performance may be compromised.

Oil and grease

WARNING
Brake discs and pads must be free of oil and grease!

If the scooter is not to be used for a while, a layer of rust may form on the brakes and thus increase the braking effect. A thick layer of rust can cause the brakes to lock. When riding after a period of non-use, carefully apply the brakes several times until they function normally. Also, during the first 500 km of the unit as well as when changing discs or pads there is an adaptation period during which the components adjust and gradually increase their efficiency.

Dirty brakes

When driving in less than optimal road conditions (mud, rain, oil, grease, etc.), the braking system's capacity may be reduced.

WARNING
In these circumstances use the brakes with caution until they are clean, the braking distance may be increased. Pad wear increases with dirty brakes!

NOTE
Be sure to practice braking for emergency situations, but do so in a situation that will not put yourself or others at risk.

Turn off the engine if you are going to be stopped to save fuel.

Different driving conditions affect fuel consumption. The following are unfavourable for fuel consumption:

- High traffic density, especially in large cities with many stops and traffic lights.
- Short, frequent journeys with constant starting and stopping of the engine.
- Driving in traffic jams with slow and dense traffic.

Plan journeys in advance to avoid heavy traffic.

Fuel consumption is also affected by conditions beyond our control, such as poor road conditions, steep gradients and low temperatures.

Observe the following points to reduce fuel consumption:

- Adhere to the unit's maintenance schedule.

- Regular maintenance by a specialised workshop will ensure not only the continued good performance of the unit, but also reduced fuel consumption, low environmental pollution and a long service life.

- Check tyre pressure every two weeks.

Low tyre pressure increases rolling resistance. This increases fuel consumption and tyre wear and negatively affects the performance of the unit.

- Continuously monitor fuel consumption.

- Check the engine oil level frequently, it is recommended to check the oil level every 500km maximum. On journeys of more than 50km it is recommended to check the oil level before setting off.

SAFETY > TRANSPORTED CARGO

The performance of the vehicle varies depending on the load being carried and its arrangement. Overloading affects the stability, steering and safety of the vehicle.

For your safety, do not exceed the specified load limits under any circumstances.

Be especially careful when transporting liquids that could spill on the vehicle or damage other vehicles in traffic.

If you use the rear luggage rack, be sure to secure items with strong straps or nets to prevent loss. Remember that a bulky package is very sensitive to wind, causing instability in the handling of the vehicle.

Be especially careful in side winds and when overtaking large vehicles such as trucks and buses.

Do not place any material outside the spaces designed for transport.

SAFETY > RUNNING-IN

Running-in instructions for engine and transmission

CAUTION
Excessive engine speed during the running-in period increases engine wear and reduces engine life by up to 50%.

Any engine faults during the running-in period must be reported immediately to an official service centre.

NOTE
During the running-in period, drive smoothly but vary the engine speed frequently. Select winding roads with some hills. Constantly avoid driving at very low revs and also avoid accelerating the unit to the limit.

- For the first 500 km: Use less than half the throttle range.

- After 1.000 km: Use less than ¾ of the throttle range.

CAUTION
The first inspection should be carried out immediately at 1.000 km or 4 months (whichever comes first).

You can save delays by making an appointment with an authorised service agent in advance.

Running-in of new tyres

CAUTION
New tyres have a smooth surface. Therefore, they should be roughened by rolling them carefully and smoothly in various inclined positions.

Only then will the surface get its full grip!

Running-in of new brake pads

WARNING
New brake pads must be used and will not have their full frictional power until after 500 km of use.

The effect of reduced braking power can be compensated by increased brake lever pressure.

During this period, avoid unnecessary heavy braking actions.

VEHICLE IDENTIFICATION > CHASSIS NUMBER

Your vehicle has three forms of identification: the identification plate, the chassis number and the engine number.

This section shows you how to locate both of these numbers so that you can include that information in your owner's manual.

The identification plate (1) is located on the frame on the lower right hand side as shown in the illustration.

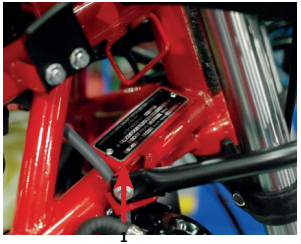
NOTE
The identification on the right side is from the driver's perspective.

The chassis number (2) is located on the frame under the rubber cover of the right footrest.

VEHICLE IDENTIFICATION > ENGINE NUMBER

The engine number (3) is accessible from the left-hand side of the vehicle.

Place your vehicle on the centre stand and note the engine serial number on the front of the right-hand crankcase.



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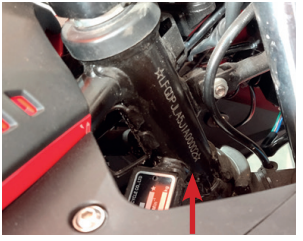

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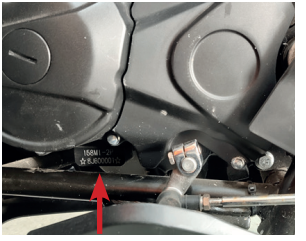


3

CONTACT LOCK > OPERATION

WARNING
While driving, do not switch the key from ON to OFF.

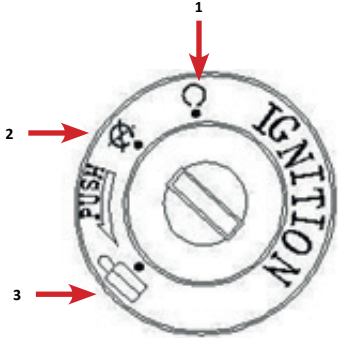
NOTE
Keys
With the scooter, you get two sets of ignition keys. Keep the spare key in a safe place.

NOTE
Activate the indicator lights for a limited period only. Note that power consumption may affect the battery charge.

1. ON position
All ignition circuits are ON and the engine can be started. The key cannot be removed in this position.

2. OFF position
All circuits are OFF and the key can be removed.

3. Engine off and steering locked
To lock the steering, turn the handlebar to the left, then insert the key.


1
2
3
IGNITION
PUSH

DASHBOARD > GP 1 ELEMENTS

1. Main beam headlamp indicator light
When the headlamp is on high beam, the indicator light comes on.

2. Indicator light
When the left-turn indicator light is on, the left-turn indicator on the “ “ panel and the turn signal indicator light will flash.

When the right turn indicator light is on, the right turn indicator light on the “ ⇨ “ panel and the direction indicator light will flash.

3. Engine fault warning light
This warning light will flash or remain lit if the engine is malfunctioning. In such a case, ask a dealer to check the self-diagnosis system.

4. Empty fuel warning light
The fuel gauge indicates the amount of fuel in the tank. When the last segment of the fuel gauge starts flashing, refuel as soon as possible.

5. Neutral indicator light
This warning light illuminates when in neutral.

6. Odometer

Records the total distance (km) travelled by the motorbike since it was first used.

7. Tachometer

Shows the engine speed in revolutions per minute.

8. Speedometer

Shows the driving speed in kilometres per hour

9. Temperature warning light

If the warning light comes on, stop the vehicle immediately and contact technical support.

DASHBOARD > GP 2 ELEMENTS

1. Main beam headlamp indicator light
When the headlamp is on high beam, the indicator light comes on.

2. Indicator light
When the left-turn indicator light is on, the left-turn indicator on the " ⇦ " panel and the turn signal indicator light will flash.

When the right turn indicator light is on, the right turn indicator light on the " ⇨ " panel and the direction indicator light will flash.

3. Engine fault warning light
This warning light will flash or remain lit if the engine is malfunctioning. In such a case, ask a dealer to check the self-diagnosis system.

4. Empty fuel warning light
The fuel gauge indicates the amount of fuel in the tank. When the last segment of the fuel gauge starts flashing, refuel as soon as possible.

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This warning light illuminates when in neutral.

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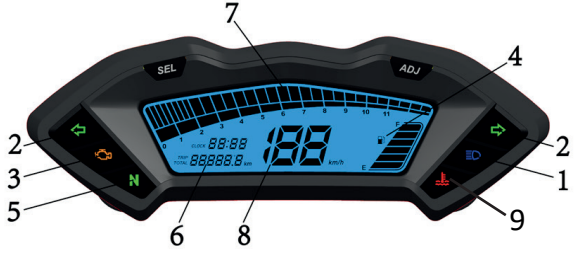
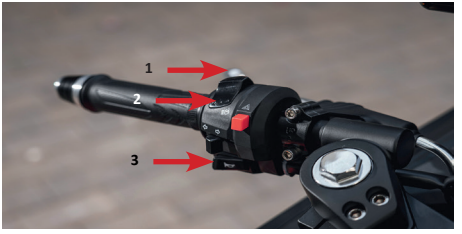


GENERAL VIEW > INSTRUMENTATION LEFT HANDGRIP



1. Clutch lever

To start the engine or make a gear change, press the handle to release the transmission system and disengage the clutch

2. Intensity controller

When the dimming switch is turned to the ' ' (high beam) position, the headlamp is switched on high beam and the high beam warning light on the instrument panel is illuminated. Conversely, when it is turned to the ' ' (low beam) position, the low beam light is on.

Operation of the direction indicators. When the switch is rotated to the " " left position, the indicator light for the left turn signal comes on and the indicator light on the instrument panel flashes.

When the switch is turned to the " " position, the right-turn indicator light comes on and the indicator light on the instrument panel flashes.

3. Horn button

Press the " " button and the horn will sound.

GENERAL VIEW > INSTRUMENTATION RIGHT HANDGRIP

1. Motor stop switch

When the switch is pressed into the position

start position " ", the engine can be started. If the switch is pressed into the " " position, the starting circuit is completely interrupted and the starting motor cannot be started. Do not set the switch in this position while driving

2. Front brake lever

To engage the front wheel brake, slowly press the brake handle on the right hand handlebar. When the motorbike engages the hydraulic brake, do not press hard or abruptly.

When the brake handle is pressed, the brake light will come on automatically.

3. Electric start button

Press the " ' button to activate the starter circuit. When starting, place the gear in neutral to interrupt the transmission and ensure safety.

WARNING

The starting motor should run for no longer than 5 seconds. A strong discharge can cause the starting motor and circuit to overheat. If the starting motor fails after several attempts, stop to check the fuel supply system and starting circuit.

GENERAL VIEW > FUEL TANK CAP

To open the fuel tank cap, insert the key and turn it clockwise. The fuel tank cap can then be removed together with the key. To replace the cap, align the arrow on the cap and press the cap, together with the key, into the fuel tank cap hole until you hear a click. Then remove the key.

WARNING
Ensure that the fuel tank cap is correctly installed before driving. Fuel leaks pose a fire hazard.

WARNING
Do not overfill the tank. Never spray fuel on a hot engine. There must be no fuel left in the top of the tank, otherwise fuel could overflow when the fuel temperature rises and expands, causing danger.

When refuelling, switch off the engine and turn the key to the OFF position.

Smoking or lighting fires during refuelling is strictly forbidden.

GENERAL VIEW > EXHAUST SYSTEM

This vehicle is equipped with catalytic converters in the exhaust system.

CAUTION
The exhaust system is hot after driving. To avoid the risk of fire or burns:

- Do not park the vehicle near potential fire hazards, such as grass or other materials that are easily burned.

- Park the vehicle in a place where pedestrians or children will not touch the hot exhaust system.
- Ensure that the exhaust system has cooled down before carrying out any maintenance work.

- Do not allow the engine to idle for more than a few minutes. Prolonged idling can cause heat build-up.

DRIVING INSTRUCTIONS > GEAR LEVER

The motorbike is equipped with 6 speeds. The gear lever connects to a ratchet mechanism in the transmission. After selecting a gear, the gear lever returns to its initial position so that the next gear can be selected. Neutral gear is between low and two speeds. From the neutral position, press the gear lever down to engage a low gear. Raise the gear lever one step to shift up a gear. Due to the ratchet mechanism, it is not possible to shift two or more gears up or down in a single operation.

To shift from a 2-speed gear to a low gear, or from a low gear to a 2-speed gear, shift into neutral but do not stay there. To engage neutral, stop halfway through the shift from low to 2-speed.

CAUTION

When the transmission is in neutral, the neutral indicator light illuminates on the instrument panel. Even if the light is on, take care to slowly release the clutch knob to ensure that the transmission is in neutral.

When downshifting gears during high-speed driving, the clutch can cause a sudden increase in engine speed. Before downshifting, reduce the speed of the motorbike to avoid unnecessary wear on transmission components.

DRIVING INSTRUCTIONS > REAR BRAKE PEDAL

Press this pedal to apply the rear wheel brake and the brake light will illuminate.

STAND

The vehicle is equipped with a side stand on the left-hand side.

To support the motorbike with the side stand, place your foot on the tip of the side stand and press down firmly until the stand turns fully and is locked by the latch.

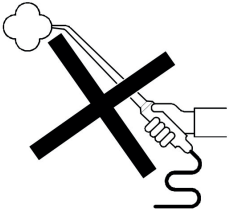
CAUTION

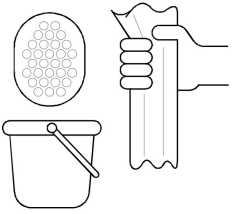
When parking the motorbike on a hill, ensure that the motorbike is steered along the slope to prevent the side stand from slipping. It is also advisable to shift into first gear to prevent the side stand from slipping.

CAUTION

Before starting, check that the side stand has returned to its normal position, without releasing it.

For motorbikes with the engine stop switch on the side stand, read the following description carefully: When the side stand is open to stop and the transmission is in neutral, the motorbike can be started, if the transmission is in other gears, it cannot be started. Once the side stand is removed, the motorbike can be started normally.





NOTE

Your service point will normally help you to keep your unit in perfect condition.
Adherence to the maintenance schedule is a condition of maintaining the vehicle warranty.

The plastics and upholstery of the unit can be damaged by corrosive and penetrating cleaning agents or solvents and are not covered under warranty.

WARNING

Always perform a brake test after cleaning and before starting a journey!

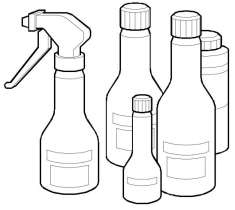
CAUTION

Do not use steam jet or high pressure washer guns!

Such devices can damage the optics, dashboard, hydraulic braking system and electrical system and its components. The use of pressure washers (no matter how high the pressure) voids the vehicle warranty immediately.

CLEANING

- To clean the motorbike, use a soft sponge and clean water
- Then dry with a cloth or chamois.



-Do not wipe off dust or dirt with a dry cloth, to avoid scratching the paintwork and metal or plastic parts.

When necessary, the motorbike should be preserved using commercially available cleaning and preserving agents.

As a precaution, (especially in winter), care for parts susceptible to corrosion with anti-rust products.

CAUTION

Never use paint polish on plastic parts.

- After a relatively long journey, carefully clean the chassis and the metal parts and protect them with an anti-corrosion agent.
Winter operation and corrosion protection.

NOTE

Protect the environment by using only environmentally friendly preservation agents, use them sparingly.

Use of the motorbike in winter can cause considerable damage due to salt.

CAUTION

Do not use hot water, which will increase the corrosive effect of salt.

Care for parts susceptible to corrosion with an anticorrosion agent.

MAINTENANCE INSTRUCTIONS > TYRES AND STORAGE

Tyres maintenance

If the motorbike is not used for a long period of time, it is recommended that the motorbike be supported in the centre stand so that its weight does not rest on the tyres.
You can prevent tyres from hardening and cracking by spraying them with a silicone rubber treatment.
First, clean the tyres thoroughly.
Do not store the scooter or tyres in hot spaces (such as a boiler room) for long periods of time.

WARNING
Remember to check the minimum tyre tread depth and avoid reaching the safety marks.
A minimum tyre tread depth of 2.0 mm must be maintained at all times. For your safety, it is advisable to change tyres when they show signs of wear and/or when the tyre compound becomes harder as it has lost grip properties.

Storage

- Clean the motorbike.

- Remove the battery.

Observe the maintenance instructions.

- Rub the shiny/chrome-plated parts with acid-free grease or anti-corrosion oil.

- Store the motorbike in a dry room and support it with the centre stand.

NOTE
If you are in doubt about the proper conditions for long term storage of your unit, consult an authorised service agent.

Start-up

- Remove any external preservation agents.
- Clean the motorbike.
- Fit the charged battery.
- Preserve the battery terminals with terminal grease.
- Check/adjust tyre pressure.
- Check brakes.
- Perform activities according to inspection plan.
- Perform safety checks.

WARNING
Unauthorised technical modifications may result in the cancellation of the CE homologation.

Wottan Motor S.L. accepts no responsibility for modifications made to the unit or for accessories that are not approved and distributed by the network of authorised technical services.

Modifications and/or the installation of accessoriea not authorised by Wottan Motor S.L. may result in the loss of the vehicle's Warranty.

CAUTION
We recommend using only original accessories and spare parts for our scooter.

This is in your own interest: the safety, suitability and reliability of these accessories and parts will have been tested specifically for the motorbike.

Although we monitor the market, we cannot evaluate or be responsible for the quality of unapproved accessories and parts, even if they have a certificate of acceptance from an officially recognised technical homologation agency, or a licence issued by the authorities.

For certified accessories and original spare parts, please consult an authorised service centre, an updated list is available on our website: www.wottanmotor.com.

MAINTENANCE INSTRUCTIONS > ENGINE OIL

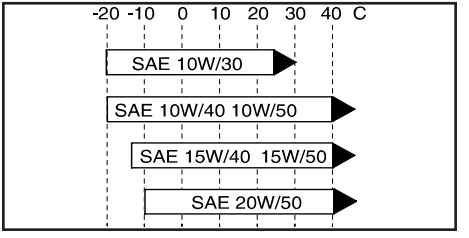
Use high-quality 4-stroke engine oil to prolong engine life. The engine oil must be an SG or SJ product in the API classification. Use engine oil of the appropriate viscosity according to the local air temperature. There are three viscosity levels suitable for the engine, namely SAE15W-40, SAE10W-30 and SAE5W-30.

The SG or SJ SAE10W-40 level lubricant is recommended for 4-strokes.

NOTE: The lubricant will be replaced after 1000 km or approximately one month for the first time, thereafter every 3000 km. The oil volume is 850 ml for replacement or 1300 ml after servicing.

The quality of the engine oil is an important factor affecting the life of the engine. Change the engine oil according to the maintenance period indicated in the maintenance schedule. When driving in a dusty area, the engine oil should be changed more often than is indicated in the maintenance schedule. Explanation:

During the cold season, the user is advised to use high-quality, low-temperature lubricating oil. We recommend SG 10W-30 or SF 5W-30. For temperatures below -35 °C, we recommend the following wear time, API SG or high-grade lubricant 5W-30 of a notable brand. Warning:
A lubricant of inferior quality can cause unrecoverable losses in the engine and seriously shorten engine life.



Checking tyre condition

WARNING
Check tyre quality regularly.
Excessive wear worsens the grip and can lead to accidents.

Never drive without valve caps (1). The valve caps must be firmly tightened to prevent the tyre from suddenly losing pressure.

Measure the tread depth in the centre (2) of the tyre.

Recommended minimum tread depth: 2.0mm.

Observe wear marks (3).

Checking tyre pressure

WARNING
Adjust the tyre pressure according to the weight of the load. Never exceed the approved total weight or load carrying capacity of the tyres.

Wheel dimensions

The motorbike is equipped as standard with:

GP 1:
Front: 110/70-17
Rear: 150/70-17

GP 2:
Front: 110/70-16
Rear: 140/70-16

Incorrect tyre pressure will have a significant effect on the safety and performance of the scooter and the life of the tyres.

- Check the pressure with the tyres and rims cold.

One passenger:
Front: 2.1Kg/cm² Rear: 2.4Kg/cm².

Two passengers:
Front: 2.2Kg/cm² Rear: 2.6Kg/cm².

All tyres are tubeless.

WARNING
Use only tyres of the approved or equivalent sizes and with the european homologation stamp. The use of non-approved tyres or rims increases the risk of an accident. Wottan Motor S.L. accepts no responsibility for any damage to tyres and rims that may appear as a result of poor maintenance or after handling them by any technical service.

MAINTENANCE INSTRUCTIONS > FUSES

The fuse box is located inside the glove box at the rear of the motorbike. One fuse is provided for the entire electrical system. If there is a problem with the electrical system, first check the fuse.
If the fuse is blown, replace it with the replacement fuse (15 A) in the fuse box.

CAUTION
Never install a fuse with a higher rating, as this could destroy the entire electrical system.

MAINTENANCE INSTRUCTIONS > BATTERY

WARNING
Always wear protective glasses when handling a battery.
Keep children away from acids and batteries.

DANGER OF EXPLOSION
A charging battery produces a highly dangerous explosive gas, so it is forbidden to smoke or otherwise cause incandescence in the vicinity.

FIRE HAZARD
Avoid generating sparks and electrostatic discharges when handling electrical cables and devices.
Avoid short circuits.

ACID CORROSION HAZARD
Battery acid is very caustic, so always wear gloves and safety glasses.
Do not tilt the battery as acid may leak from ventilation openings.

FIRST AID

If acid comes in contact with an eye, immediately wash the eye with cool water for several minutes. Then immediately call a doctor.

Acid on skin or clothing should be neutralized immediately with an acid neutralizer or soap, and stains should be rinsed off with plenty of water. If acid is swallowed, go to an emergency room immediately.

CAUTION

Do not expose batteries to direct sunlight. Discharged batteries may freeze and should be stored in a place where the temperature remains above 5-15º C. Professional maintenance, charging and proper storage will increase the life service time of the battery.

WARNING

Take used batteries to an authorised collection point. The battery must not be charged by fast charging. The battery must only be charged using a special charger for motorbike batteries.

Charging the battery

Batteries are a wearing part. If it has not been used for a long time, its charge may have diminished. If the battery has not been properly maintained, it may have been rendered unusable.

The charging current (in amperes) must not exceed 1/10° of the battery capacity (Ah).

Maintenance

Although the battery does not require maintenance, never leave the battery discharged. Keep the battery clean and dry and make sure that the connection terminals are firmly in place.

TECHNICAL DATA

ENGINE	
Engine type:	158MI-2P
Construction:	Single-cylindrical, 4-stroke
Displacement:	124,6cm³
Cooling:	Liquid cooling
Max. net power output:	9.3Kw at 9.000 rpm
Ignition system:	Transistorised ignition system with electronic ignition control (ECU)
Spark plug:	NGK CPR8EA-9
Fuel system:	EFI
Idle:	1.450 ± 100 rpm (with the motorbike warm once stabilised after start-up)
Air filter:	Air filter with element
Starter system:	Electric

ENGINE	
Engine type:	158MI-2P
Construction:	Single-cylindrical, 4-stroke
Displacement:	124,6cm³
Cooling:	Liquid cooling
Max. net power output:	10.3Kw at 8.750 rpm
Ignition system:	Transistorised ignition system with electronic ignition control (ECU)
Spark plug:	NGK CPR8EA-9
Fuel system:	EFI
Idle:	1.450 ± 100 rpm (with the motorbike warm once stabilised after start-up)
Air filter:	Air filter with element
Starter system:	Electric

TRANSMISSION	
Clutch:	Manual, wet, multi-plate
Transmission:	6-speed transmission with pedal
CHASSIS	
Motorbike version:	TR125-2
Front suspension system:	Telescopic fork
Rear suspension system:	Mono-shock absorber
Front wheel:	Light metal (ALU) 110/70-17
Rear wheel:	Light metal (ALU) 150/70-17
Tyre pressures:	One passenger: Front: 2.1Kg/cm' Rear: 2.4Kg/cm'
	Two passengers: Front: 2.2Kg/cm' Rear: 2.6Kg/cm'
Front brake:	300 mm double piston disc
Rear brake:	240 mm single piston disc

TRANSMISSION	
Clutch:	Manual, wet, multi-plate
Transmission:	6-speed transmission with pedal
CHASSIS	
Motorbike version:	TR125
Front suspension system:	Telescopic fork
Rear suspension system:	Mono-shock absorber
Front wheel:	Light metal (ALU) 110/70-16
Rear wheel:	Light metal (ALU) 140/70-16
Tyre pressures:	One passenger: Front: 2.1Kg/cm' Rear: 2.4Kg/cm'
	Two passengers: Front: 2.2Kg/cm' Rear: 2.6Kg/cm'
Front brake:	300 mm double piston disc
Rear brake:	240 mm single piston disc

LUBRICANTS AND OPERATING FLUIDS	
Fuel tank capacity:	13,5 litres
Fuel:	Unleaded fuel min. 95 octane
Engine oil:	SAE 10W40
Filling quantity:	1,3 litres
ELECTRICAL EQUIPMENT	
Battery:	12V 9Ah
Fuses:	15A - 20A
Headlamp:	Low beam/High beam 12V 6.8W/6.8W
Position light:	LED 12V 4.4W/3W
Speedometer lights:	LED 12V 0.1W
Indicator of control lights and high beam:	LED 12V 0.01W
Rear position/brake light:	LED 12V 12W
Front/rear turn signal light:	LED FR: 7 X 12V 6W RR: 3 X 12V 1.3W

LUBRICANTS AND OPERATING FLUIDS	
Fuel tank capacity:	10 litres
Fuel:	Unleaded fuel min. 95 octane
Engine oil:	SAE 10W40
Filling quantity:	1,3 litres
ELECTRICAL EQUIPMENT	
Battery:	12V 7Ah
Fuses:	15A - 20A
Headlamp:	Low beam/High beam 12V 6.8W/6.8W
Position light:	LED 12V 4.4W/3W
Speedometer lights:	LED 12V 0.1W
Indicator of control lights and high beam:	LED 12V 0.01W
Rear position/brake light:	LED 12V 12W
Front/rear turn signal light:	LED FR: 7 X 12V 6W RR: 3 X 12V 1.3W

DIMENSIONS AND WEIGHTS	
Overall length:	2.050 mm
Handlebar width:	720 mm
Maximum height:	1.155 mm
Wheelbase:	1.420 mm
Wet weight:	167 kg

DIMENSIONS AND WEIGHTS	
Overall length:	1.961 mm
Handlebar width:	738 mm
Maximum height:	1.077 mm
Wheelbase:	1.313 mm
Wet weight:	155 kg

BOOK MAINTENANCE

* We inform you that your data will form part of a file owned by WOTTAN MOTOR S.L. and the Dealer and/or the Official Service, for opinion polls and statistical purposes, as well as to inform you periodically of new products and services, both by written and electronic means, and such information may be appropriate to your particular profile. In addition, your data may be communicated to other companies belonging to the automotive, financial and insurance sectors for the same purposes indicated previously. You may exercise your rights of access, rectification, cancellation and opposition to the processing of your data, as well as revoke your consent to the sending of electronic commercial communications, by sending an e-mail to central@wottanmotor.com, for processing carried out by WOTTAN MOTOR, S.L. or to the corresponding postal address of the selected Dealer and/or the selected Official Service.

WARRANTY

Warranty conditions

In the event of a malfunction occurring, Wottan Motor will provide the customer with warranty service through the authorised service agent within the scope of its statutory warranty obligations:

1. Within a period of 36 months after the date of registration of the scooter, the company will rectify any deficiencies caused by component failures and/or manufacturing defects through the authorised dealer (dealer/service technician) by repairing or replacing the affected part in accordance with the legal warranty regulations. We may refuse the requested repair or replacement of the defective part if the failure was caused by negligent or improper use of the unit, or provided that the maintenance schedule has not been complied with, is exceeded by 20% of the maintenance schedule (either by time or mileage). Replaced parts become the property of the manufacturer.

2. The installation of spare parts within the scope of the warranty does not extend the warranty period that began with the date of delivery of the unit.

3. The warranty does not cover wear and tear caused by normal use, as well as wear and tear caused by improper handling and use. Rust and corrosion are caused by environmental influences and are also not covered by the warranty. Cosmetic defects, once the unit has been removed from the dealer after purchase, are also not covered by the manufacturer’s warranty.

4. Warranty claims submitted by the customer will be rejected in the event of: manipulations to the motorbike, installation of a different exhaust system, modification to the gearbox or secondary transmission ratio, installation of accessories or spare parts that have not been approved by the manufacturer. Repairs carried out in workshops not authorised by Wottan Motor and failure to comply with the maintenance intervals in the workshop at an authorised Service Point shall also result in the warranty being voided.

5. When submitting a warranty claim, the customer must present the maintenance booklet correctly completed by the seller.

6. The following table gives the customer an overview of the maintenance schedule prescribed by the manufacturer.

WEAR PARTS LIST

Wearing parts	Wear limits
Tyres, tubes, rims	Depending on driving style, load and tyre pressure, the wear limit can be reached after only 500 km or even earlier.
Wheels, hub bushing	Depending on driving style, load and tyre pressure, the wear limit can be reached after only 1500 km or even earlier. Check during every maintenance. Rust is a lack of maintenance!
Oils, air filter, inspection for engine leaks	During the first inspection, then at every service interval (every 3000 km/6000 km). Check the oil level before each trip.
Spring fork, spring strut	Cleaning / inspection during each maintenance.
Lamps, incandescent bulbs, electrical system. electrical system.	Depending on the road surface conditions/levels, the lifetime will be reduced, this may occur after 500 km.
Brake linings, brake pads, brake lines	Depending on the driving style and load, these can wear out after 1500 km or even earlier.
Pedal rings, sealants, gaskets	Must be replaced during each maintenance interval to ensure proper function.
Radial seals on engine, gearbox, fork and wheels	Depending on road conditions and care, wear may start after 500 km. Dirt reduces the life time. Do not clean at high pressure!
Wheel bearings, steering bearings	Depending on the road conditions, wear can start after 1500 km, soiling of the axle reduces the service life. Dirt on the hub reduces the service life. Check at every maintenance interval, do not clean at high pressure!
Swing arm bearing	Depending on load and care after 1500 km, check with every maintenance.
Wires	Depending on load and care after 1500 km, check with every maintenance.
Coatings	Plastic parts will be damaged by caustic cleaning agents, penetrants or solvents.

Wearing parts	Wear limits
Air filter, oil filter	At every service interval
Starter, batteries, fuses, starter wipers	Depending on the ambient temperature, failures are to be expected in the sixth month, even earlier if used for short journeys.
Mirrors	Depending on the ambient temperature and care, failures can be expected in the sixth month, in winter even earlier. Rust is a lack of maintenance!
Bowden cables, brake cables, accelerator cables	Depending on use and care, from 6th month onwards
Self-locking nuts, dowels, locking plates, screw connections	During each maintenance interval or after unscrewing the nut or unlocking the lock.
Variator, rollers, coils, belts	Depending on driving style and load, these can wear out after 500 km.
Clutch / friction discs	Depending on driving style and load, these may wear out after 500 km.
Pistons, cylinders, crankshaft, connecting rods, engine bearings	Depending on driving style, load and care, these parts can wear out after 200 hours. If you drive mainly at full throttle, even sooner.
Spark plug	With every second service interval.
Exhaust system, inspection of assemblies	Depending on use and care from the sixth month. In winter and short distance operation, even earlier. Rust is a lack of maintenance!

EXCLUSIONS

1. The following circumstances are excluded from the Wottan Motor Official Warranty:

1.1 Defect due to repair, adjustment, maintenance or any other operation outside Wottan Motor's specifications and/or outside its Authorised Service network.

1.2 Failure to have passed the inspections in accordance with the Wottan Motor Scheduled Maintenance Plan.

1.3 Defect caused by abnormal driving, participation in any type of competition or use outside traffic lanes, roads in poor condition or hostile areas.

1.4 Use outside the parameters set out in the Owner's Manual.

1.5 Damage caused by use as a rental vehicle.

1.6 Damage caused by the use of non-original spare parts, accessories, lubricants or other liquids not recommended.

1.7 Damage caused by transformation or modification of the vehicle and/or its components.

1.8 Damage caused by ageing or prolonged storage, in particular but not limited to changes in the colour of the paintwork, chrome plating, cracking of the paintwork or other deterioration.

1.9 Perceptual sensations that do not affect the performance and operation of the vehicle such as noise, vibrations, looseness, etc.

1.10 Consumable parts: spark plug, air filter, brake pads and shoes, brake discs, clutch system, variator, light bulbs, LED lighting elements, fuses, seals, rubber parts, drive belt, pinions, crown gears, transmission gears, tyres, inner tubes, oils, greases, hoses, cables, cable casings, grips and stickers.

1.11 Normal wear and tear resulting from use such as deterioration of the transmission kit, battery, saddle, stands (side and centre).

1.12 Damage such as condensation or water seepage, rust, deterioration of paint, upholstery, stickers, logos or any type of malfunction resulting from the use of pressurised water (of whatever value).

1.13 Damage due to incorrect transport and/or storage.

1.14 Any mechanical intervention carried out by persons other than the official Wottan Motor services.

1.15 Damage caused by weather accidents, catastrophes, fire, collisions and/or traffic accidents, theft or damage resulting therefrom.

1.16 Damage caused by smoke, oil, chemicals, animal droppings, saline water, salt or other similar materials.

1.17 Damage caused by exposure to saline environments such as those found in coastal locations.

1.18 Damage resulting from wear and tear.

1.19 Any electrical problems or malfunctions caused by pressure washing equipment.

2. The Wottan Motor Official Warranty does not assume or cover the following:

2.1 Expenses resulting from periodic maintenance.

2.2 Costs of cleaning, inspection and/or pre-delivery assembly.

2.3 Expenses for the preparation of estimates for repairs that are not covered by the Wottan Motor Official Warranty.

2.4 Additional indirect costs of a breakdown such as crane, transport, communications, accommodation, per diems or any other type of additional costs.

2.5 Financial compensation for the period of maintenance and repair, whether or not they are covered by the Wottan Motor Official Warranty: loss of time, loss of business, loss of working days, expenses for rental vehicles, etc.

Parts that are replaced during the warranty period will be guaranteed for the remainder of the warranty period.

Any part replaced by another part will become the legitimate property of Wottan Motor, S.L.
Wottan Motor reserves the right to introduce modifications or improvements to its vehicles in order to improve their operation and/or durability.

3. Observations for the owner

The first inspection of the vehicle after delivery is of the highest importance in order to guarantee the longevity of the vehicle.
The purpose of the first service is to carry out the necessary checks to ensure that the main components of the vehicle are perfectly adjusted after the start of the running-in period. This is also the time for the Wottan Official Service to carry out a dynamic test of the vehicle, as it is likely that some of the misadjustments will be imperceptible to the new owners.

4. The first obligatory inspection

We remind you that it is your sole responsibility to make sure that the first service is carried out within the established period in order to ensure the validity of the Wottan Official Warranty.

All Wottan vehicles, regardless of the Programmed Maintenance System they have according to their cylinder capacity, must undergo the first compulsory service after 500 kilometres or before the first 4 months (*).

(*) Mileage takes precedence.

Before collecting your vehicle after any service, make sure that your Wottan Agent or Official Dealer provides you with the corresponding bill showing the work carried out. Remember that this document will be the reliable proof that you are following the Scheduled Maintenance System and it will also add value to your vehicle if you decide to sell it at some point in the future together with the stamps in this Warranty and Maintenance Manual.

Failure to carry out the first service within the deadlines set out above will result in the automatic cancellation of the coverage and entitlement to the Wottan Official Warranty. Likewise, failure to carry out any of the periodic inspections described above may be grounds for refusal of the warranty

5. Periodic inspections. Scheduled maintenance system

The periodic inspections described in the maintenance table in the vehicle's Owner's Manual are intended to ensure the perfect operation and long life of the vehicle. Al fine di avere una maggiore conoscenza del vostro veicolo, quando possibile, eseguire operazioni di manutenzione o riparazione presso Wottan Agent dove il veicolo è stato acquistato.

Le spese derivanti da regolari manutenzioni e revisioni sono a carico del proprietario del veicolo. Assicurati di aver sempre ricevuto la Fattura del lavoro svolto in quanto sarà sempre la prova che ha seguito la manutenzione. Ricorda che la registrazione di questi periodi di manutenzione è importante per voi per godere di tutti i vantaggi della garanzia.

In order to have a better knowledge of your vehicle, whenever possible, carry out maintenance operations or repairs at the Wottan Dealer or Agent where the vehicle was purchased.
The costs of periodic maintenance and servicing are the responsibility of the vehicle owner.
Make sure that you always receive the bill for the work carried out, as this will always be the proof that the maintenance has been carried out. Remember that recording these maintenance periods is important in order to enjoy the full benefits of the warranty.

Although there is already a wide distribution network for Wottan, which is also expanding all the time, we recommend that you have the maintenance carried out at the Official Dealer or Dealership where you purchased the vehicle, simply to keep track of the life of your motorbike and the conditions of use and your preferences as a customer in the case of components that can be adjusted according to the customer's tastes.

Always keep in mind that adherence to the Scheduled Maintenance System always has an impact on reducing overall maintenance costs.
If a vehicle failure occurs within the warranty period, please contact the Wottan Dealer or Agent where the vehicle was purchased, or the nearest one if this is not possible, and arrange a visit to carry out the necessary work.

Maintaining the cleanliness of the vehicle makes it easier for the Wottan representative's specialised personnel to locate anomalies and carry out interventions.

Remember that the scrupulous follow-up of the Programmed Maintenance System is the best guarantee of the resale value of your vehicle.

6. Vehicle care

Many possible faults that may occur, especially in the first few months of your Wottan's life, can be detected with a simple routine inspection. We recommend that you always carry out the inspection detailed in the Owner's Manual before using your motorbike. Here you can check and detect if mechanical elements such as levers, wheels, brakes, screws, etc. need adjustment and correct them. Keeping the vehicle clean also helps in detecting such maladjustments.

Never use chemicals or solvents to clean the vehicle that may affect or damage painted, treated or plastic parts. The best cleaning agent is neutral soap and plenty of water. For cleaning very dirty elements, there are many options available on the market for specific products. Never use pressurised water and certainly never spray water directly on locks, headlights, lights, turn indicators, clock, controls and switches, electrical devices or exhaust system.

Wottan Motor is constantly improving its products. Therefore, although this manual contains the most current information available at the time of printing, there may be slight differences between your vehicle and this manual. If you need any clarification regarding the information contained in this manual, please consult your Wottan Motor dealer or, if you prefer, contact Wottan Motor, S.L. Customer Service.

INSPECTION PLAN

Please note the following:

- During and after the warranty period, all inspections must only be carried out by a specialist dealer approved by us.

- Observe the inspection intervals and ask the specialist dealer to confirm them on the warranty certificate.

- Only use original spare parts.

CAUTION

In the event of non-compliance, the warranty will be void.
The activities carried out are listed in the inspection plan.
During the warranty period, the following inspection intervals must be complied with:

At 500 km or 4 months.
At 3.000 km or after 6 months from the first inspection.
Every 4.000 km or after 12 months since the last service.

After the warranty period, the inspection intervals specified in this manual must be applied as follows: Every 4.000 km or 12 months.

WARNING
For safety reasons, do not carry out any repair or adjustment activities on the scooter and chassis that exceed a strictly restricted area. Altering safety-related parts could threaten the safety of yourself and others.

This applies especially to the exhaust system, carburettor, ignition system, fork column, brake system and lights.

Before working on the electrical system, disconnect the negative terminal of the battery.

MAINTENANCE TABLE WOTTAN MODELS: GP 1 & GP 2									
R = Replace **I = Inspection, cleaning and adjustment (replacement if necessary)** **L = Lubrication**									
MAINTENANCE INTERVALS ARE PERFORMED ON A MILEAGE OR TIME BASIS, WHICHEVER COMES FIRST									
COMPONENTS TO CHECK	**500 km or 4 months**	**3.000 km or 6 months**	**6.000 km or 1 year**	**9.000 km or 1 year**	**12.000 km or 1 year**	**15.000 km or 1 year**	**18.000 km or 1 year**	**21.000 km or 1 year**	**24.000 km or 1 year**
Air filter		I	I	I	I	I	I	I	I
Oil filter	R	R	R	R	R	R	R	R	R
Engine oil	R	R	R	R	R	R	R	R	R
Spark plug		I	I	R	I	I	R	I	I
Valve adjustment						I			
Throttle cable adjustment	I	I	I	I	I	I	I	I	I
Chain tension (L every 1.000 km)		I	I	I	I	I	I	I	I
Transmission leaks check	I	I	I	I	I	I	I	I	I
Checking crankcase leaks	I	I	I	I	I	I	I	I	I
Coolant (R every 2 years)				i			i		
Clutch cable tension		I	I	I	I	I	I	I	I
KIT Status		I	I	I	I	I	R	I	I

MAINTENANCE TABLE WOTTAN MODELS: GP 1 & GP 2									
R = Replace I = Inspection, cleaning and adjustment (replacement if necessary) L = Lubrication									
MAINTENANCE INTERVALS ARE PERFORMED ON A MILEAGE OR TIME BASIS, WHICHEVER COMES FIRST									
COMPONENTS TO CHECK	**500 km or 4 months**	**3.000 km or 6 months**	**6.000 km or 1 year**	**9.000 km or 1 year**	**12.000 km or 1 year**	**15.000 km or 1 year**	**18.000 km or 1 year**	**21.000 km or 1 year**	**24.000 km or 1 year**
Bolts and nuts (engine)		I	I	I	I	I	I	I	I
Exhaust system (fasteners, silencer and manifold)	I	I	I	I	I	I	I	I	I
Fuel pipes		I	I	I	I	I	I	I	I
Check battery charge		I	I	I	I	I	I	I	I
Steering and bearings		I/L		I/L		I/L		I/L	
Front and rear suspension	I	I	I	I	I	I	I	I	I
Tyre pressure	I	I	I	I	I	I	I	I	I
Braking system		I	I	I	I	I	I	I	I
Brake fluid (replace every 2 years)			I		I		I		I
Main and side stands		I/L		I/L		I/L		I/L	
Bolts and nuts (rims, swingarm, fairing...)		I	I	I	I	I	I	I	I

REVISION TABLE

Each time the official dealer carries out a maintenance check, he must stamp and sign the correspondingg record. Failure to carry out any of the recommended periodic checks will result in the loss of the warranty. The chart shows in km and time when the checks are due.
You should always check the vehicle according to whichever comes first (km or time).

VERY IMPORTANT to check the oil level every 500 km.

1st Service .....500 km or 4 months from purchase.
2nd Service.....3.000 km or 6 months from the previous service date.
3rd Service.....6.000 km or 1 year from the previous service.
4th Service.....9.000 km or 1 year from the previous service.
5th Service.....12.000 km or 1 year from the previous service.
6th Service .....15.000 km or 1 year since the previous service.
7th Service.....18.000 km or 1 year since previous service.
8th Service.....21.000 km or 1 year since previous service.
9th Service.....24.000 km or 1 year since previous service.
10th Service.....27.000 km or 1 year since previous service.

From the third service onwards, the service intervals will be every 3.000 km or 1 year, with the engine oil level to be checked every 500 km by the owner. If deemed necessary, WOTTAN MOTOR may reduce the interval between service intervals if it considers that the vehicle should be serviced.

The cost of labour and materials used in all servicing shall be borne by the customer.


Wottan Motor