



Benelli

Manuale Uso e Manutenzione - Owner's Manual

Manuel d'Utilisateur - Benutzer Handbuch - Manual Usuario

The Benelli TNT25 logo is a stylized, italicized design. The letters "TNT" are in a bold, red, sans-serif font with a black outline. The number "25" is in a lighter, grey, sans-serif font. The entire logo is set against a solid green background.



PREFACE

Benelli Q.J. specialises in the design and production of vehicles able to satisfy the expectations of the more discerning customer.

To integrate the characteristics, the systems and the technology of your vehicle, we have provided this manual for the purpose of making it easier to understand the operation and to illustrate the general conditions of the warranty and the maintenance schedule.

We would like to remind you that the warranty will remain effective provided that you respect the regulations provided here and the Maintenance and servicing deadlines envisaged for your vehicle, using a **Benelli Q.J.** authorised service.

By complying with the scheduled maintenance plan, you can contribute to maintaining the efficiency, performance and safe conditions of your vehicle.

The manufacturer reserves the right to make changes to technical characteristics in line with the company policy of constant product improvement.

For anything not mentioned in this manual or to request information about accessories or other, do not hesitate to contact or go to the nearest **Benelli Q.J.** assistance service.

Only use original **Benelli Q.J.** replacement parts.

Privacy policy

With reference to law 31/12/1996 no. 675 concerning the protection of personal data, we would like to inform you of the following:

- 1) The data you provide will be entered, in the event of your consent, into our customer data bank and used for any business information in the interests of the customer and market research.
- 2) Giving permission to use data, as required to complete the forms in this booklet, is essential in order to provide you with normal warranty services.
- 3) The data you provide will be treated correctly, legally and transparently, as envisaged by the laws in force.
- 4) At any time, you will be able to enforce your rights, as recognised in article 13 of Law no. 675/96, by contacting:

Benelli Q.J.

Strada della Fornace Vecchia S.N. - 61122

Pesaro (PU) ITALY

Tel. 0039 0721 41871

Fax 0039 0721 418722

e-mail: support@benelli.com





GENERAL INFORMATION

Dear Customer,

Please read this manual carefully before using your new BN251.

It contains important information for the safe use of your motorbike and also about how to keep it in good working order.

Please remember that your BN251 is a high-performance bike and that it needs to be ridden carefully and by an experienced rider.

Do not take the engine to its limits if you are not more than certain of being able to handle the bike and in any case, when riding on public highways or on roads that are open to the public, always be sure to follow the regulations in the Highway Code.

Always wear a standard-approved helmet when you ride and make sure it fits correctly and is properly fastened.

We also advise you to wear suitable protective clothing at all times.



SYMBOLS

To make it easier and clearer to read particularly important information, we have used the following symbols:



IMPORTANT NOTICE:

Indicates a hazard that may cause serious injury to persons or in some cases, even death.



WARNING:

Indicates a hazard that may damage the vehicle.



NOTE:

Indicates important information about vehicle maintenance that is carried out with extreme ease.



IMPORTANT:

Marks advice that must be followed with extreme importance.

Benelli Q.J. s.r.l. reserves the rights to make changes to products and to this manual as it deems fit.

Where there are differences in the contents of this manual and the specific model of your motorbike, please download the updated version from www.benelli.com.



CONTENTS

PREFACE	64
GENERAL INFORMATION	65
SYMBOLS	66
SAFETY INFORMATION	70
RIDING IN SAFETY	70
SAFETY ACCESSORIES	71
LOAD.....	72
VEHICLE IDENTIFICATION	74
GETTING TO KNOW YOUR VEHICLE	75
DESCRIPTION OF INSTRUMENTS	78
MAIN CONTROLS	80
LEFT DIAL	80
RIGHT DIAL	80
CLUTCH LEVER	81
BRAKE LEVER	81
REAR BRAKE PEDAL	81
GEAR PEDAL	82
SIDE STAND	82
IGNITION CIRCUIT CUT-OUT SYSTEM	82
KEY.....	83
IGNITION BLOCK	83
STEERING LOCK	83
SADDLE	84
FUEL TANK	84
REAR SHOCK ABSORBER..	85
ACCESSORIES AND COMPARTMENTS	86
ACCESSORIES	86



REAR VIEW MIRRORS	86
CHECKS BEFORE RIDING	87
ENGINE OIL CHECKS	87
REFUELLING	88
ACCELERATOR DIAL BACKLASH CONTROL	88
SHOCK ABSORBER CHECKS	89
BRAKE CHECK	89
COOLING FLUID CHECK	91
STOP LIGHT CHECKS	91
DIRECTION TURN CHECKS	91
REAR VIEW MIRROR CHECK	91
TYRE CHECK	92
HEAD LIGHT CHECK	92
KILOMETRE COUNTER	93
ACOUSTIC WARNING CONTROL	93
TRANSMISSION CHAIN BACKLASH CONTROL	93
STARTING / PARKING	94
IGNITION	94
PARKING	96
RUNNING IN	97
RUNNING IN THE VEHICLE	97
MAINTENANCE	98
REGULAR MAINTENANCE	98
AIR FILTER	98
ENGINE OIL REPLACEMENT	99
TRANSMISSION CHAIN ADJUSTMENT	99
TRANSMISSION CHAIN LUBRICATION AND CLEANING	99
TOPPING UP COOLANT	100



COOLING LIQUID LEVEL ISPECTION.....	100
CHANGING COOLANT	101
CLUTCH BACKLASH ADJUSTMENT	101
SPARK PLUG INSPECTION	101
BATTERY INSPECTION	102
FUSE REPLACEMENT	103
MOTORCYCLE LAMP REPLACEMENT	103
TECHNICAL SPECIFICATIONS	105
SCHEDULED MAINTENANCE	107
SCHEDULED MAINTENANCE TABLE	108
LUBRICANTS TABLE	117
REGULAR MAINTENANCE COUPONS	119



SAFETY INFORMATION

Be a responsible owner.

As the owner of the vehicle, you are responsible for its safe and correct operation.

Motorcycles are vehicles with two wheels in line.

Their safe use and operation depend on using correct riding techniques and the experience of the rider.

Each rider must be aware of the following requirements before using this motorcycle.

The rider must:

- Meet all of the legal requirements currently in force (licence or provisional licence, number plate, registrations).
- Receive full information from a competent source concerning all of the motorcycle's operating aspects.
- Respect all of the warnings and instructions for maintenance in this use and maintenance manual.
- Receive suitable, qualified training about safe and correct riding techniques.

- Request professional, technical assistance according to that stated in the Use and Maintenance Manual and/or made necessary by mechanical conditions.

RIDING IN SAFETY

Carry out all of the necessary checks before use each time you use the vehicle, to make sure that it is able to operate in safety.

Failure to carry out inspections or the correct maintenance of the vehicle will increase the chances vehicle damage.

This motorcycle has been designed to carry the driver and one passenger.

The main cause of accidents between motorcycles and cars is that car drivers cannot see or identify motor cyclists in traffic. Many accidents are caused by cars drivers who did not see the motorcycle.

Make sure you are properly visible, as this has an excellent effect on the possibility of these types of accident.

Therefore:

- Wear a brightly-coloured jacket.
- Be very careful when approaching and crossing at crossing points, as these are the sites of most frequent motor cycle accidents.
- Travel where other road users can see you. Do not travel in the shadow of another vehicle. Many accidents involve inexperienced riders. Many riders involved in accidents do not have a valid motorcycle licence.
- Make sure that you are qualified and only lend your motorcycle to other expert riders.
- Be aware of your capabilities and limits. Stay within your limits as this will help to avoid accidents.
- We advise you to practise on the motorbike in areas without traffic until you have become more experienced with both the motorcycle and its controls.

Many accidents are the results of rider errors when manoeuvring.

A typical error is taking bends too wide or too fast, or even with insufficient inclination compared to travel speed.



- Always abide by speed limits and never travel faster than the road conditions and traffic allow.
- Always signal changes in direction and lane. Make sure other road users can see you.
The position of rider and passenger is important for controlling the bike.
- During travel, to keep control of the motorbike, the rider must keep both hands on the handle bars and both feet on the rests.
- The passenger must hold on to the rider, saddle strap or handle (if present) with both hands and keep both feet on the passenger's foot supports.

**IMPORTANT NOTICE:**

Never carry a passenger who is not able to place both feet on the passenger's foot supports.

Never use the bike when under the influence of alcohol, drugs or medicines that can cause drowsiness.

This motorcycle has been designed exclusively for road use.

It is not suitable for off road use.

SAFETY ACCESSORIES

Most deaths from motorcycle accidents are caused through head injuries.

The use of a helmet is the most important factor in preventing or reducing head injuries.

- Always wear an approved helmet.
- Wear a visor or goggles. Wind in unprotected eyes can reduce visibility and delay the perception of any dangers.
- Wearing a jacket, heavy boots, trousers, gloves, etc. is very useful in preventing or reducing tears and abrasions.
- Never wear flowing or loose clothing that could become caught up in the control levers, foot rests or wheels, causing injury or accidents.
- Always wear protective clothing that covers legs, ankles and feet. The motor or exhaust system heat up a good deal during or after running and can cause scalding.

The passenger must also abide by the above precautions.

**IMPORTANT NOTICE:**

Beware of carbon monoxide poisoning.

All engine exhaust gases contain carbon monoxide, which is a lethal gas. Inhaling carbon monoxide can cause headaches, dizziness, feeling drowsy, nausea, confusion and even death.

Carbon monoxide is a colourless, odourless and tasteless gas that can be present even if you don't see the exhaust gases from the engine or smell the odour. Deadly levels of carbon monoxide can build up rapidly and overpower you quickly, preventing you from saving yourself.

Deadly levels of carbon monoxide can persist for hours and hours in closed rooms or areas with poor ventilation.

If you start to feel symptoms of carbon monoxide poisoning, leave the area immediately; go out into the fresh air and SEEK MEDICAL ADVICE.



IMPORTANT NOTICE:

- Do not run the engine in a closed space. Even if you try to dissipate exhaust gases with fans or opening doors and windows, the carbon dioxide can rapidly reach dangerous levels.
- Do not run engines in rooms with a lack of ventilation or partially closed areas such as factory buildings, garages or under canopy roofs for car ports.
- Do not run the engine outside where exhaust gases can enter the surrounding buildings through openings like doors or windows.

LOAD

The addition of accessories or loads to the motorcycle can negatively affect its stability and use, if it changes the distribution of weights on the motorcycle. To avoid possible accidents, adding loads or accessories to the motorcycle must be done with extreme care.

Take great care when riding a motorcycle that has had loads or accessories added. Together with the information

about accessories, there is a list of some general guidelines to respect in case of transporting loads on the motorbike.

IMPORTANT NOTICE:

Using an overloaded vehicle may lead to accidents.

Loading the vehicle within the correct limits, take the following into account:

- Keep the weight of the load and accessories as low as possible and as close as possible to the motorcycle. Carefully secure the heavier items as close as possible to the centre of the vehicle and be sure to distribute weights evenly on both sides of the motorcycle to reduce imbalances or instability to a minimum.
- Moving loads may be the cause of sudden losses of balance. Make sure that accessories and loads are properly secured to the motorcycle before starting it. Frequently check the supports of the accessories and devices that secure loads.
- Correctly adjust suspension according to load (adjustable suspension models

only) and check tyre conditions and pressure.

- Never attach large or heavy items to the handlebars, fork or mudguard. These items, including loads such as sleeping bags, bags with personal effects or tents, can cause instability or reduce the steering response.
- This vehicle is not designed to tow a trailer or to be connected to a sidecar.

Original Benelli Q.J. accessories
The choice of accessories for your vehicle is an important decision. Original Benelli Q.J. accessories are only available from Benelli dealers; they have been designed, tested and approved by Benelli Q.J. for use on your vehicle.

The installation of after market products or the introduction of other changes to the vehicle, which leading to changes in the design or operating characteristics, may expose you or others to the risk of serious accidents or death.

You are therefore responsible for accidents occurring with regard to changes made to the vehicle.



When fitting accessories, remember and abide by these instructions in addition to those provided in the chapter "Load".

- Never install accessories or carry loads that can compromise motorcycle performance. Before using any accessories, make sure that they do not in any way reduce clearance from the ground or the minimum distance from the ground when going around bends and that they, do not limit suspension travel, steering, or the operation of controls. Also make sure that they do not obscure lights or reflectors.

- Accessories fitted on the handlebar or in the fork zone can create instability to the uneven distribution of weight or changes to aerodynamics.

When fitting accessories to the handlebar or in the fork zone, remember that they have to be as light as possible and in any case, reduced to a minimum.

- Large or bulky accessories can seriously compromise the stability of the motorcycle, to aerodynamic effects. The wind may try to lift the motorcycle, or the motorcycle may become unstable under the action of cross wind.

This type of accessory may cause instability, even when being overtaken or when overtaking large vehicles.

- Certain accessories can move the rider out of his or her normal riding position. An incorrect position will limit the rider's freedom of movement and can compromise his or her ability to control the bike. For this reason, fitting such accessories is not advised.
- Electrical accessories need to be added with care. If electrical accessories exceed the capacity of the electrical system of the motorcycle, this may cause failures, which may in turn lead to dangerous losses in lighting or engine power.

Aftermarket tyres and wheel rims

The tyres and rims supplied on the motorcycle have been designed to match the performance of the bike and to provide the best possible combination of manoeuvrability, braking power and comfort. Different tyres and rims from the ones supplied may not be suitable. See the specific section for tyre specifications.



VEHICLE IDENTIFICATION

We advise you to keep a copy of the identification number (ID) of the engine and frame and the model name:

Engine number (1).....

Frame number (2).....

Label (3).....

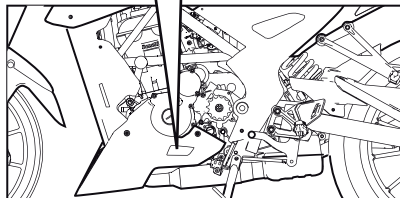


IMPORTANT:

Any changes to the ID number stamped on the frame or engine will automatically render the warranty null and void.

Engine number: The number is punched on the engine casing, to the left side of the rider and is the construction serial number of the engine.

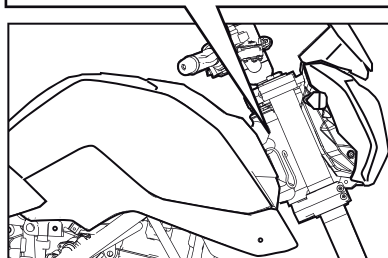
Engine number (1)



Frame number:

The identification number of the vehicle is punched on the steering head; this number is registered with the relevant authorities for the area concerned.

Frame number (2)



Label:

The label of the model is applied to the left side of the steering head. This information is needed when ordering spares from Benelli dealers.

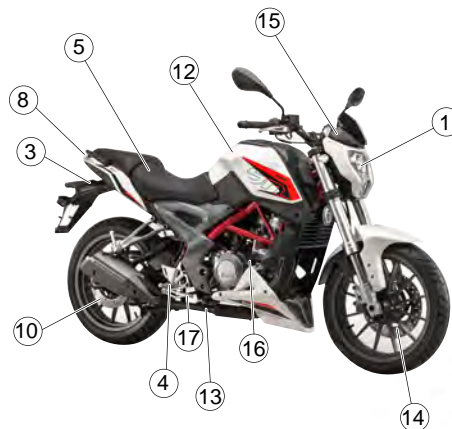


Label (3)



GETTING TO KNOW YOUR VEHICLE

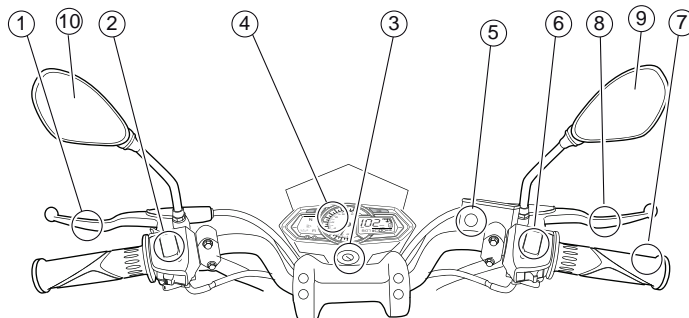
- 1) Head light.
- 2) Front position lights.
- 3) Rear position lights.
- 4) Foot rest.
- 5) Battery compartment casing.
- 6) Rear view mirrors.
- 7) Saddle.
- 8) Rear stop light.
- 9) Saddle lock.
- 10) Rear brake disc.
- 11) Gear pedal.
- 12) Fuel Tank
- 13) Muffler.
- 14) Front brake disc.
- 15) Dashboard.
- 16) Oil dipstick.
- 17) Rear brake pedal
- 18) Passenger foot rest
- 19) Fuel cap
- 20) Ignition block
- 21) Rear shock absorber





Controls

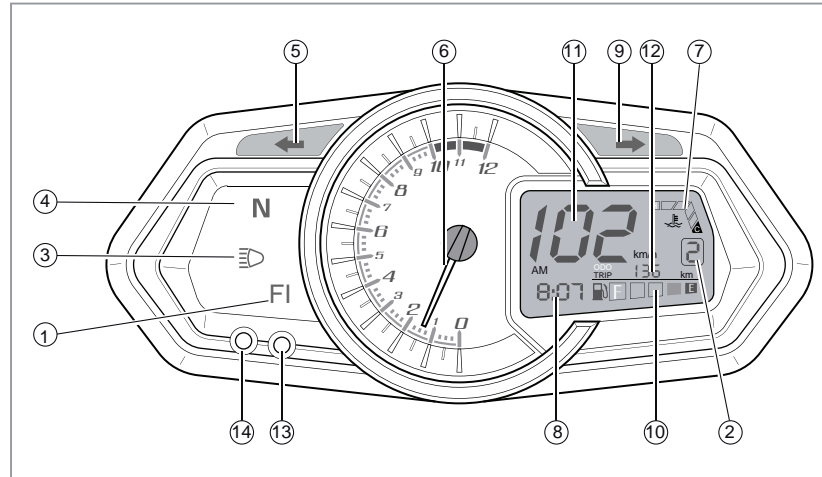
- 1) Clutch lever.
- 2) Controls - left side.
- 3) Ignition/steering lock block.
- 4) Lights panel.
- 5) Front brake fluid tank.
- 6) Controls - right side.
- 7) Accelerator handle.
- 8) Front brake lever.
- 9) Back mirror RH.
- 10) Back mirror LH.





Instruments

- 1) Injection diagnostic light "FI".
- 2) Gear indicator
- 3) High beam indicator light.
- 4) Neutral gear indicator light.
- 5) Left position indicator light.
- 6) Rev counter.
- 7) Coolant temperature gauge.
- 8) Digital clock.
- 9) Right position indicator light.
- 10) Fuel gauge.
- 11) Speedometer.
- 12) Total/partial kilometre counter.
- 13) "RESET" button.
- 14) "SELECT" button.





DESCRIPTION OF INSTRUMENTS

Injection diagnostic light "FI"

When the switch is on and the vehicle is not running, the light will switch on red, to show that the injection system is operated correctly, when the vehicle is started the light is switch off.



WARNING:

If the light begins to flash while the vehicle is being started, contact your nearest **Benelli** assistance centre to avoid damaging the engine.

High beam indicator light

A blue light switches on when the high beam is on.

Neutral gear indicator light

A green light that switches on to show that the gear pedal is in neutral.

Position indicator light

Green and flashing to show the use of the left and right position indicators.

Rev counter

The rev counter shows the running turnover of the engine so that the rider can keep it within the ideal power range

Coolant temperature gauge

Shows the coolant temperature in °F (Fahrenheit) or C°(Celsius).



WARNING:

If the coolant temperature gauge begins to flash, stop the vehicle and run it at a minimum until the temperature of the coolant drops.

If the temperature does not drop, switch off the engine.

Digital clock

Shows the time in hours and minutes.

Digital clock setting

Press and hold down the "RESET" button for 3 seconds until the reading begins to flash.

Adjust the hour by pressing the "SELECT" button.

Press the "RESET" button to pass on to adjust the minutes (tens and then units). Adjust the minutes by pressing the "SELECT" button.

Press the "SELECT" button again to quit.

Fuel gauge

The digital fuel gauge shows the capacity of the fuel tank. As the fuel level drops, the lines on the gauge will become closer and closer to the "E" reserve area. As soon as the final line starts to flash, there is an autonomy of about 3 litres of fuel.

Speedometer

Indicates the vehicle's speed in km/h or mph. To pass from one to the other, press the SELECT" button.



Total/partial kilometre counter

The total kilometre counter shows the total distance covered in kilometres.

The partial kilometre counter (TRIP) shows the distance covered since the last reset in kilometres.

The partial kilometre counter can be used to estimate the possible distance to cover with a full tank of fuel.

This information may make it possible to schedule future fuelling stops.

RESET/SELECT buttons

Buttons to set vehicle data.

Press the "SELECT" button to see the partial or total kilometres.


When viewing partial kilometres (TRIP), it is possible to reset them by holding down the "RESET" button for 3 seconds.



MAIN CONTROLS

LEFT DIAL

- 1) High beam / low beam light control

Set this switch to “ ” for high beam lights and to “ ” for low beam lights.

- 2) Left/right position indicator switch

Press this switch to enable the left and right and rear indicators.

Press the centre to disengage them.

- 3) Sound warning switch

Press this switch to enable the sound alarm.

- 4) Passing button


Press this button (daytime) to enable flashing lights

RIGHT DIAL

- 1) Electric ignition button

Press this button to start the engine with the starter device.

- 2) Emergency light button

With the ignition key set to “ ” use this switch to switch on the emergency lights (simultaneous flashing of all of the direction indicators).



The emergency lights are used in case of emergency, to advise the other road users that your vehicle is about to stop in dangerous traffic areas.

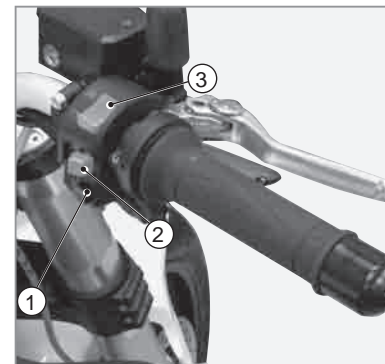
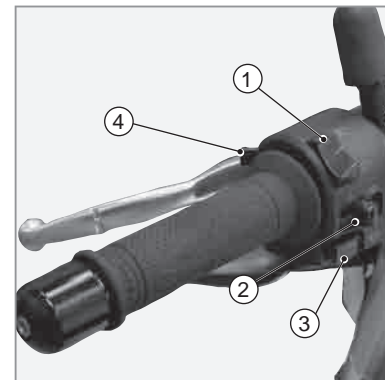


WARNING:

Do not use the emergency lights when the engine is off; this is to stop the battery from becoming flat.

- 3) Engine off button

Set this switch to “ ” before switching on the engine. Set this switch to “ ” to switch off the engine in case of emergency, such as, for example, when the motorbike tilts over or the accelerator cable is blocked.





CLUTCH LEVER

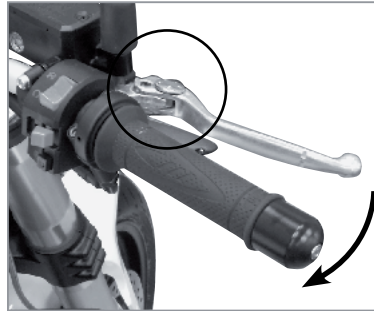
The clutch lever is located on the dial on the left of the handlebar. To release the clutch, pull the lever towards the dial. To engage the clutch, release the lever. To guarantee good clutch action, pull the lever quickly and release it slowly.



To adjust the clutch lever, see the maintenance chapter.

BRAKE LEVER

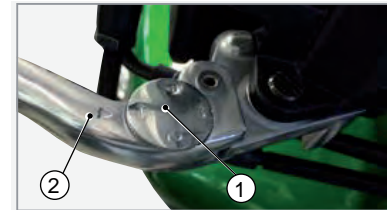
The brake lever is located on the dial on the right of the handlebar. To engage the front brake, pull the lever towards the dial.



The brake lever has a position adjustment knob "1".

To adjust the distance between the brake lever and the accelerator dial, turn the knob clockwise or anticlockwise; anticlockwise will move the lever closer, while clockwise will move it further away.

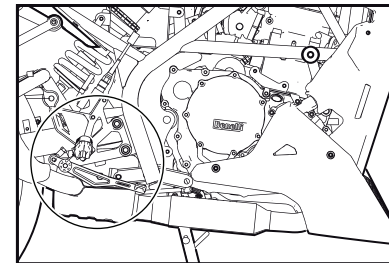
Make sure that the correct adjustment, set from the adjustment gauge is in line with the brake lever reference "2".



REAR BRAKE PEDAL

The brake pedal is on the right side of the motorbike.

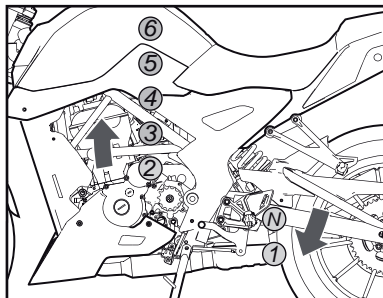
To enable the rear brake, press the brake pedal.





GEAR PEDAL

The gear pedal is on the left side of the engine and it is used in combination with the clutch lever when changing to one of the 6 gears on this motorcycle.



NOTE:

Always change down one gear at a time and at the correct speed to avoid engine overspeed and jamming of the rear wheel.

SIDE STAND

The side stand is on the left side of the vehicle. Lift or lower the side stand with your feet while holding the vehicle in a straight position.



NOTE:

The switch built into the side stand is part of the ignition circuit cut-out system that cuts out the ignition in certain situations.

IMPORTANT:

Do not use the vehicle with the side stand lowered, or if it cannot be lifted correctly (or if it will not stay up), otherwise the side stand might not touch ground and distract the rider with the resulting possibility of losing control of the bike. The cut-out ignition circuit has been designed to ensure the rider raises the side stand before putting the motorcycle in movement. Therefore, we ask that you check this system regularly, as described below, and have it repaired by a Benelli dealer if it does not operate correctly.

IGNITION CIRCUIT CUT-OUT SYSTEM

The cut-out system for the ignition circuit (including the side stand switch, neutral gear switch and clutch lever switch), serves the following functions:

- To prevent starting with the gear in and the side stand raised, with the clutch lever not pulled.
- Switch off the engine with the gear engaged and when the side stand is lowered.



KEY

The bike is supplied with 3 keys for:

- opening the fuel cap
- steering lock
- ignition
- opening the saddle





IMPORTANT:

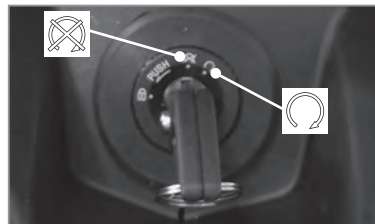
Always keep duplicate keys separately from the bike

IGNITION BLOCK

The key block, in the centre of the vehicle, has two main functions:

“” The engine and lights can function. The key cannot be removed.

“” The engine and lights cannot function. The key can be removed.



IMPORTANT:


Never turn the ignition switch in position while travelling, as this can cause accidents.

It is advisable to apply an anti-freeze for locks when the temperature reaches around °0 to prevent the lock protection hole from freezing.

STEERING LOCK

Lock the steering and remove the key while parked to prevent any unauthorised use of the vehicle.

Locking

- 1) Turn the handlebar completely to the left.
- 2) Insert the key in the ignition.
- 3) Turn the key anticlockwise, in the “” position to lock the steering.

NOTE:

To make it easier to engage the steering lock, move the handlebar slightly while turning the key.

- 4) Remove the key.

IMPORTANT:

After locking, try turning the handlebar slightly to make sure that the steering is actually locked.

Release

- 1) Insert the key in the steering lock.
- 2) Turn the key clockwise.



- 3) Make sure the steering block is not engaged before starting the engine and setting out.

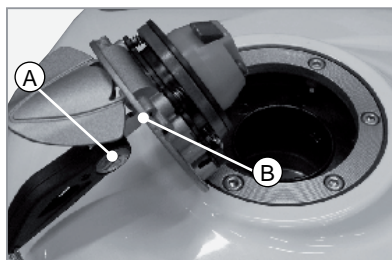
SADDLE

- 1) Insert the key and turn it counter clockwise to open the saddle.
- 2) Lift and remove the rear saddle.
- 3) Insert the saddle and press down gently on the back to close it.



FUEL TANK

To open the fuel tank.
Insert the key "A" in lock "B" and turn it a quarter turn clockwise. The lock opens and it is possible to raise the fuel cap.



To close the fuel tank

- 1) Insert the key in the lock.
- 2) Turn the key back to its original position by turning it anticlockwise and then remove it.

Tank capacity

Total 17 litres, including reserve of 3 litres, approx.

⚠ NOTE:

The fuel cap cannot be opened if the key is not in the lock.

The key cannot be removed from the lock if the cap is not tightly closed and correctly locked.

⚠ WARNING:

Make sure that the fuel cap is completely tightened before setting out. Fuel leaks are a fire risk.

⚠ WARNING:

When refilling, always use lead-free petrol.

Using fuel that does not conform to the manufacturer's specifications will render the warranty null and void.



REAR SHOCK ABSORBER

Spring pre-load adjustment

The rear shock absorber is fitted with an adjustment ring nut for the pre-load of spring "A" and a return ring nut "D".

Adjust the spring pre-load as follows:

To **increase** the spring's preload and therefore make the suspension more rigid, turn the adjustment ring nut "A" in direction (B).

To **reduce** the spring's preload and therefore make the suspension softer, turn the adjustment ring nut "A" in direction (C).

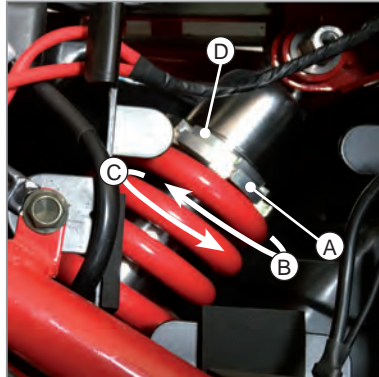
At the end of the adjustment, tighten the return ring nut (D).



IMPORTANT NOTICE:

To avoid damaging the mechanism, do not try turning over the maximum or minimum setting.

Always have the shock absorber adjusted by a **Benelli** assistance centre.





ACCESSORIES AND COMPARTMENTS

ACCESSORIES

The use of not original **Benelli Q.J.** accessories, or changes to the vehicle may negatively influence its safety and operation.

Benelli Q.J. refuses to accept any liability for the choice and installation of not original accessories. Any damage arising from such use will not be covered by warranty.

We recommend the maximum attention to the fastening of accessories as well as to not exceeding the maximum load permitted by **Benelli Q.J.**

We also recommend not removing an original parts and not altering the vehicle in any way, since such changes may cause problems regarding manoeuvres, stability and braking for the vehicle, as well as making it no longer suitable for use on public highways.

REAR VIEW MIRRORS

At the time of purchase, the vehicle is supplied with adjustable rear view mirrors.





CHECKS BEFORE RIDING

It is a good idea to get used to making a quick inspection of the vehicle before riding it.

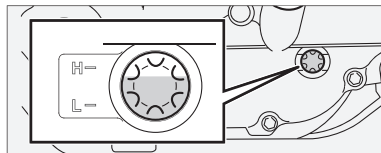
This daily inspection, as well as being essential for safety, may also prevent damage to the vehicle.

If you find any anomalies, contact a **Benelli** assistance service as soon as possible.

ENGINE OIL CHECKS

While the engine is cold, keep the vehicle upright.

Use the gauge to make sure that the oil level is between the maximum and minimum as shown in the figure.



If the level is near to the minimum, top up the oil as described in the section "Topping up the engine oil". We recommend using *Petronas Power Speed 4T oil*.



IMPORTANT NOTICE:

Take care against burns and scalds during this check.

- Never exceed the maximum level.
Too much oil can cause malfunctions and damage to the engine.
- The oil level reading will be incorrect if the vehicle is parked on an uneven surface or if the engine is hot.
- The owner is responsible for making regular checks of the engine oil and for topping up as needed.
Normal oil consumption will lead to a lack of oil in the engine, even if services are carried out regularly.

Topping up engine oil

- 1) While the engine is cold, keep the vehicle upright.
- 2) Turn the cap "A" counter anti-clockwise and remove it.
- 3) Add oil until it reaches a level between the minimum and maximum limits.
- 4) Insert the cap "A" and tighten it by turning it clockwise. Clean off any oil residues.





REFUELLING

Before setting out on a journey, make sure you have enough fuel. For the fuel cap opening procedure, see the relevant paragraph (FUEL TANK).



IMPORTANT NOTICE:

Before refuelling, switch off the engine and make sure no one is sitting on the vehicle.

- Never refuel while smoking or in proximity to sparks, naked flames or other sources of ignition.
- Never overfill the fuel tank.
- When refuelling, make sure that the pump nozzle is inserted into the opening in the fuel tank. Stop filling when the fuel reaches the bottom of the filling opening. Considering that fuel expands when it heats, the heat from the engine or from the sun could cause it to overflow from the tank. Immediately dry up any fuel spillage with a rag.

- Use a clean, dry and soft cloth to wipe away any spilled fuel, as it could damage painted or plastic parts.

ACCELERATOR DIAL BACKLASH CONTROL

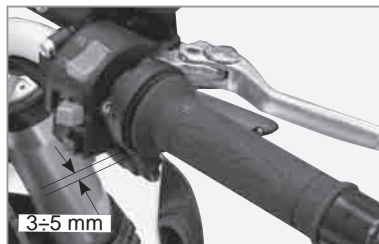
Make sure that the accelerator dial has a backlash of 3-5 mm.

Also check to ensure that the closure is total and automatic in every steering position.



IMPORTANT NOTICE:

If the accelerator fails to return automatically, this could cause dangerous situations and falls.





SHOCK ABSORBER CHECKS

Check the condition of the front fork and rear shock absorber by pressing the handlebars and saddle down repeatedly.

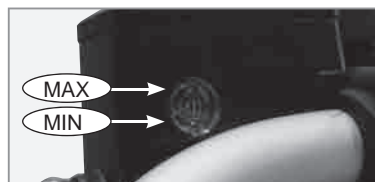
Check the shock absorbers do not give to easily or are not under progressive. Check for any abnormal noises.



BRAKE CHECK

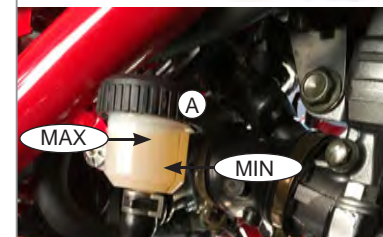
Front disc fluid level

Keep the handlebar horizontal and make sure that the level of the fluid in the tank is between the maximum and minimum indicated.



Back disc fluid level

Keep the vehicle horizontal. Make sure that the level of the fluid in the tank "A" on the right side of the vehicle is between the maximum and minimum indicated.





If the fluid level in the tank is close to minimum, make a visual check of brake pad wear. If the brake pads are not worn, there may be a leak in the hydraulic circuit. Contact a Benelli assistance centre for an inspection as soon as possible.



IMPORTANT NOTICE:

Incorrect maintenance may cause a brake capacity reduction.

Respect the following precautions:

- Insufficient brake fluid may cause air to enter the brake circuit, causing a reduction in brake performance.
- Clean the filler cap before removing it. Only use DOT 4 brake fluid.
- Only use the prescribed brake fluid, as the specifications. Any other type could cause the rubber seals to deteriorate, leading to leaks.
- Top up with the same type of brake fluid. Adding a different type of brake fluid from DOT 4 may cause a noxious reaction.

- Do not allow water or dust to enter the brake fluid tank while refilling.



IMPORTANT NOTICE:

Brake fluid can damage painted surfaces or plastic parts.

Clean any spilled liquids immediately.

Since brake pads become worn, it is normal for the fluid level in the tank to drop gradually. If the brake fluid level is low it is possible that the brake pads are worn and/or that there is a leak in the brake circuit; therefore, make sure to check the brake pads for wear and to look for leaks in the brake circuit.

Topping up and replacing the disc brake fluid

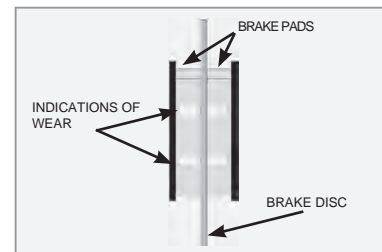
Contact an authorised **Benelli** mechanic.

Check the wear of the brake pads

Make a visual check of brake pad wear.

The pads are to be replaced if the wear indicators can no longer be seen.

In this case contact an authorised **Benelli Q.J.** mechanic.





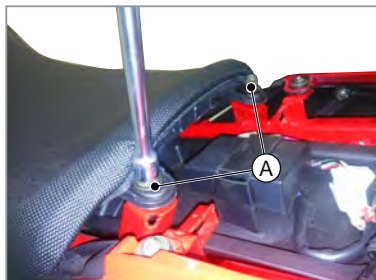
COOLING FLUID CHECK

Cooling fluid level

Before using the bike, always check the level of cooling fluid. It is also necessary to change cooling fluid at the intervals specific in the periodical maintenance and lubrication sheet.

To check the level of the cooling fluid:

1. Place the vehicle on a flat surface and keep it upright.
2. Remove rear saddle.
3. Remove the two screws "A" and then remove the front saddle.



4. Remove the two side cover left and right by the screws "B".



5. Remove the tank cover by the 4 screws "C".

6. Check the level.

The liquid level must be between the min. and max. levels.

If this is not the case, reset the level as described in the specific section.



NOTE:

The level of liquid refrigerant must be measured while the engine is cool, since it varies according to engine temperature.

STOP LIGHT CHECKS

- Turn the key to "⌚".
- Pull the front brake lever and press the rear brake pedal alternatively and make sure that the light switches on.
- Make sure the rear light is not damaged or dirty.

DIRECTION TURN CHECKS

- Turn the key to "⌚".
- Use the indicator switch and make sure that they flash.

REAR VIEW MIRROR CHECK

Sit in the saddle and adjust the mirrors for a correct vision behind you. Make sure that mirrors are not damaged or dirty.



TYRE CHECK

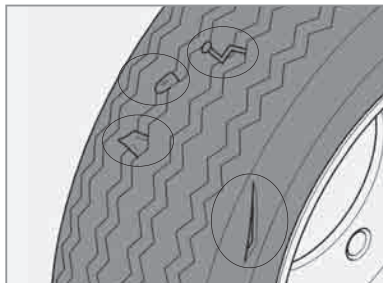
Use a gauge to check the pressure. Pressure should be measured while tyres are cool.

Tyre pressure

Front tyre: 2.4 bar

Back tyre: 2.4 bar

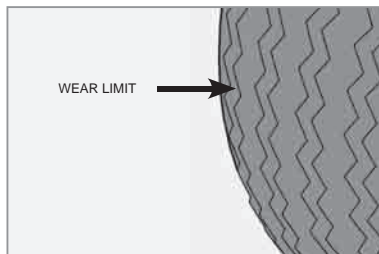
- Make sure that there are no fragments of metal, nails or gravel in the tyre tread. Remove if necessary.



- Check for wear. Replace tyres if the wear is excessive or irregular. The depth limit for tread is:

Front tyre: 1.6 mm

Back tyre: 1.6 mm



IMPORTANT NOTICE:

Incorrect pressure, or excessive or irregular wear to tyres will reduce vehicle stability.

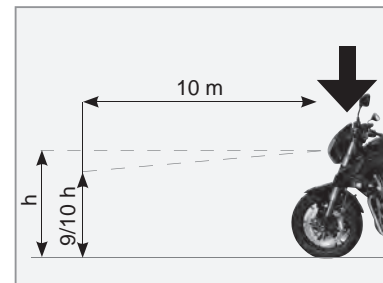
HEAD LIGHT CHECK

With the engine running, check the correct operation of positioning lights, front and back, the strong and dipped headlights and the numberplate light.

Headlamp adjustment

Sit on the vehicle at a distance of 10 metres from a wall. Switch on the high beam and measure the maximum height of the lit area.

- Standard height from ground level: 9/10 total height






If the values found are not the same as the standard measurements, go to a **Benelli** assistance centre for adjustment.

KILOMETRE COUNTER

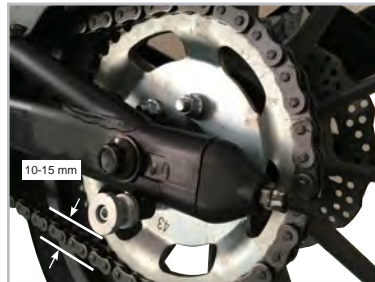
Make sure that the kilometre counter and speedometer are operating correctly.

ACOUSTIC WARNING CONTROL

- Turn the key to “”
- Press the acoustic warning button and make sure that it operates correctly.

TRANSMISSION CHAIN BACKFLASH CONTROL

- After stopping the engine, place the vehicle on a rear stand on a horizontal surface and with the gear in neutral
- Make sure that in an intermediate point of the chain, halfway between the pinion and crown gear, there is a vertical backlash of 10-15 mm.



- After moving the vehicle forwards, check the backlash of the chain, which must be constant.



IMPORTANT NOTICE:

Using the motorcycle with the chain in bad condition and badly adjusted may cause accidents.

If you notice any operating anomaly on the chain, such as excessive or suspicious noises, or excessive slack, go to an authorised **Benelli** workshop.

If you suspect that there is a serious malfunction with the chain, stop the bike immediately and call your nearest **Benelli** authorised workshop.



IMPORTANT NOTICE:

Every time that the chain is replaced, it is also necessary to fit a new crown and pinion.



STARTING / PARKING

IGNITION

- Get on the vehicle from the left side and sit in a safe, comfortable position. Keep both feet on the ground so as not to lose balance.
- Lift side stand "A".



- Turn the ignition key to "⌚"
- Make sure that the steering lock has not engaged.
- Set the gear to neutral (the light on the dashboard will switch on) and pull the clutch lever all the way as you press the ignition button.
- Release the ignition button as soon as the engine starts.



IMPORTANT NOTICE:

To avoid discharging the battery, do not hold down the ignition button for more than 15 seconds at a time.
If the engine does not start within 15 seconds, release the button and wait about 10 seconds before trying again to start the engine.



IMPORTANT NOTICE:

Make sure the side stand is completely closed before setting off.

Setting off

With the accelerator dial completely closed and the engine running on minimum, pull the clutch lever all the way. Engage first gear by pushing the fear lever all the way down.
Release the front brake lever.
Slowly release the clutch lever and at the same time, gently accelerate; the motorcycle will begin to move forwards.



IMPORTANT NOTICE:

Releasing the clutch lever too brusquely or quickly will cause the engine to stop and the vehicle to stick.
Do not accelerate brusquely while setting off as it is possible to lose control of the vehicle.

To set the gear to neutral, press the gear pedal several times as far as it will go and then raise it gently.



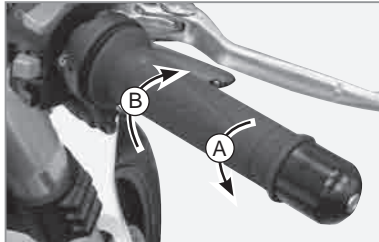
Acceleration

Rotation: Speed increases.

When setting out or close to an uphill route, turn the dial gradually to increase the engine power "A".

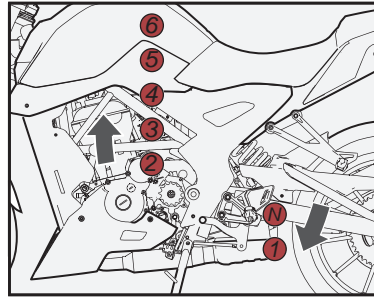
Return: Speed is reduced "B".

In case of emergency, make your return as quickly as possible.



Gear change: The vehicle has 6 gears, set out as shown. Use the correct gear according to driving conditions.

Changing up a gear: Release the accelerator dial, pull the clutch, lift the gear lever, release the clutch and accelerate.



Changing down a gear: Release the accelerator dial, if necessary, use the brake levers to slow down.

Pull the clutch, lower the gear lever in the direction of first gear and release the clutch gently.



IMPORTANT NOTICE:

Always change down one gear at a time and at the correct speed to avoid engine overspeed and jamming of the rear wheel.

Tips for reducing fuel consumption

Fuel consumption mainly depends on driving style. The following advice can serve to reduce fuel consumption:

- Change gears rapidly and avoid revving the engine too much when accelerating.
- Do not accelerate the engine while changing up a gear and avoid high revs when there is no charge on the engine.
- Switch off the engine instead of leaving it to idle over for long periods of time, (e.g., in traffic jams, at traffic lights or at level crossings).



Drive with care

Before entering traffic, switch on the direction indicators and make sure that there are no other vehicles.

Correct riding can prolong the life of your vehicle.

- Warm up the engine before setting out and moderate speed while the engine is cold.
- Avoid brusque acceleration.
- Do not ride for long sections at maximum speed.
- Use front and rear brakes together.

For the best control of the bike, use the brake levers progressively, gently to start with and then more intensely, as needed.

When the brakes are engaged, the rear stop light switches on to warn vehicles behind.

IMPORTANT NOTICE:

Using the front brake on its own may cause the bike to slip.
Always use both brakes.

Avoid sudden braking or steering

Sudden braking actions can cause the vehicle's wheels to lock and cause dangerous situations.

Sudden braking or steering can cause slipping.

Take care when the roads are wet

There is less adherence to a wet road than to a dry one and the braking distance increases. Moderate speed and take care.

Moderate speeds downhill

When travelling downhill, release the accelerator and reduce speed with gentle, intermittent brake movements.



IMPORTANT NOTICE:

Avoid prolonged brake use as this could cause the brakes to overheat and lose efficiency.

PARKING

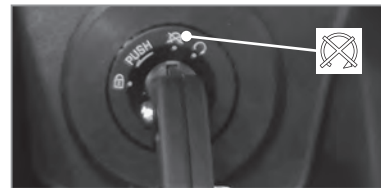
Close to the stopping point

Switch on the indicator and make sure that there are no other vehicles before stopping gently.

To stop, release the accelerator dial and brake gently with both brakes.

When the vehicle has stopped.

Disengage the direction indicators and turn the key to "OFF" and to switch off the engine.



IMPORTANT NOTICE:

Never turn the key to "OFF" when the vehicle is moving.
Electrical system failures may lead to hazardous situations.



Parking

Get off from the left side of the vehicle and take out the side stand.



- Always park the motorcycle on flat surfaces and where it will not obstruct traffic. The vehicle may fall if parked on an uneven or fragile surface.
- Lock the steering and remove the key.
- Make sure that the steering is properly blocked.

Parking tips

Exposure to the sun's rays, producing a good deal of heat in some cases, may damage instruments or paintwork and plastic. Small things may avoid this problem:

- If possible, do not park the vehicle in direct sunlight.

- If necessary, when the vehicle is parked in the sunshine, cover the instruments with a cloth to protect against the sun's rays.

RUNNING IN

RUNNING IN THE VEHICLE

The running in period is very important for the reliability and duration of the vehicle.

Follow the instructions with care:

- During the first 1000 km, never request the maximum performance from the engine; do not allow it to run for long periods over 6000 rpm; avoid long distances at high speeds and uphill, above all with a passenger.
- From 1000 to 1500 km, do not run the engine above 8000 rpm for long periods.
- After 1500 km, gradually increase speeds to arrive at maximum performance.



IMPORTANT NOTICE:

Make sure to change the engine oil after the first 1000 Km.

- During the test run, the engine needs to settle and finding the correct torque for the different elements, it may be normal for there to be higher oil consumption than normal and to make check more often of the oil level than stated in the vehicle maintenance table.
- Maintain the engine running speed outside the red area on the rev counter.
- In case of engine trouble during the running in period, immediately check the vehicle at a Benelli dealer.



MAINTENANCE

REGULAR MAINTENANCE

To guarantee a safe, comfortable ride, it is necessary to carry out the regular maintenance illustrated.

- If the vehicle is not used for a long period, it is necessary to carry out an overall check when using it again.
- We also recommend making the first inspection after the first 1000 km or the first month of use.



IMPORTANT NOTICE:

Pay attention to personal safety during maintenance operations.

- Place the vehicle on the side stand, on a flat surface.
- Use suitable tools for the envisaged operations.
- Operate only with the engine switched off.

General lubrication

Regularly lubricate all sliding parts.
We recommend using *Petronas Tutela 6 in 1* products.

AIR FILTER

Dust and dirt in the air filter will lead to a drop in performance, increased consumption and increased pollutant emissions.

Clean or replace it as indicated in the maintenance table. Have it checked or replaced by an authorised **Benelli** centre.



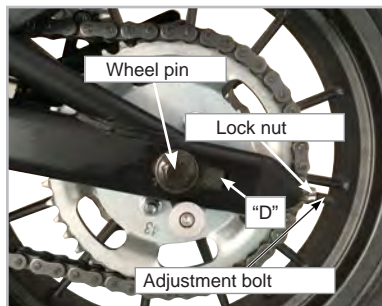
ENGINE OIL REPLACEMENT

Since the engine oil replacement may be difficult for an operator with little experience, we recommend contacting an authorised **Benelli** workshop.

In case it becomes necessary to top up the oil, refer to the "CHECKS TO BE CARRIED OUT BEFORE RIDING".

TRANSMISSION CHAIN ADJUSTMENT

1. Place the vehicle on the side stand
2. Set the transmission to idle.
3. Measure chain tension as illustrated beforehand.



4. If the chain tension is not correct, adjust it as follows.

- Loosen the wheel pin nut and lock nut on each side of the swingarm.
- To tension the transmission chain, turn the tension adjustment bolt on each side of the swingarm (clockwise).
- To loosen the transmission chain, turn the tension adjustment bolt on each side of the swingarm (anticlockwise) and push the rear wheel forwards.



IMPORTANT NOTICE:

Incorrect transmission chain tension will overload the engine and other vital parts of the motorcycle, and it may cause the chain to slip or break. To stop this from happening, keep the transmission chain tension within the specified limits.

Make sure that the distance "D" is the same for the left and right sides of the swingarm.

- Tighten the wheel pin nut, keeping the slides on the adjustment devices and lock nuts.

TRANSMISSION CHAIN LUBRICATION AND CLEANING

The transmission chain has an O-ring: to prevent it from becoming damaged, never clean the chain with pressurised steam or water, and never use petrol or other cleaning solvents currently on sale.

Thorough cleaning of the chain must only be carried out with naphtha or kerosene.

Kerosene can be hazardous. Kerosene is flammable. Contact with kerosene can be harmful to children and pets.

Keep naked flames and high temperature items away from kerosene. Keep children and pets away from kerosene.

Dispose of used kerosene correctly.

If you are not sure that you can use kerosene in absolute safety, don't use it. Ask your Authorised **Benelli** Workshop to clean the chain on your first visit.



Lubrication

The chain must only be lubricated at an Authorised Benelli Workshop, at the time intervals specified in the Scheduled Maintenance Table in this manual.

This operation must also be carried out every time you ride the bike in rain and after each wash.

Using the motorcycle with the chain in bad condition and not lubricated may cause accidents.

The chain must be correctly lubricated to guarantee maximum efficiency. Use *Petronas 6 in 1*.

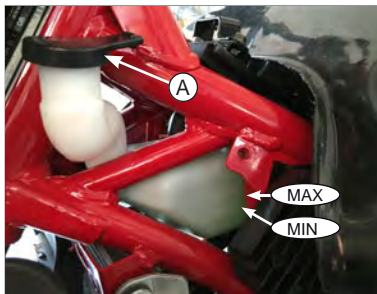
TOPPING UP COOLANT

The cooling system serves to cool the recirculating water and allow the engine to operate in optimum conditions.

Make sure the coolant is at the correct level in the tank as described in the dedicated section.

If the coolant level is below the minimum (MIN), top up as described:

- Place the vehicle on a flat surface and keep it upright.
- Remove the cap "A" from the coolant tank and add more coolant as far as the (MAX) level, making sure not to exceed this.



COOLING LIQUID LEVEL INSPECTION

As the refilling and checking of cooling system may be difficult for an operator with little experience, we recommend contacting an authorised Benelli workshop.

⚠ IMPORTANT NOTICE:

The cooling fluid must only be topped up when the engine is cool.

Never try to remove the cooling fluid tank cap while the engine is hot. Risk of burns. The circuit is pressurized!

In certain conditions, the ethylene glycol in the cooling fluid may become flammable and its flame is invisible.

Do not allow cooling fluid to come into contact with hot parts, as the combustion of ethylene glycol may expose you to the risk of burns.

Engine cooling fluid is harmful if swallowed, or if it comes into contact with eyes or skin.

Keep the engine cooling fluid out of reach of children and pets.

In the event of swallowing cooling fluid, seek medical aid immediately; do not provoke vomiting to avoid breathing the product into the lungs.

In case of cooling fluid in contact with eyes or skin rinse immediately with plenty of water.



CHANGING COOLANT

Change cooling fluid at the intervals specific in the periodical maintenance and lubrication sheet. Have the coolant changed by an Authorised **Benelli** Dealer.



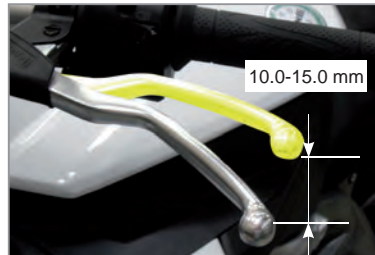
IMPORTANT NOTICE:

Never try to remove the radiator cap when the engine is hot

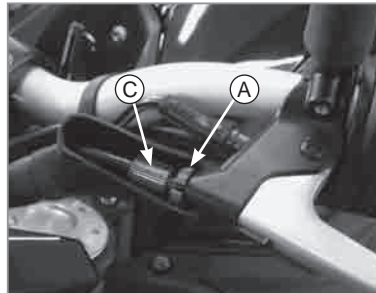


CLUTCH BACKLASH ADJUSTMENT

The clutch lever backlash needs to be 10.0-15.0 mm as shown in the figure.



Check the clutch lever backlash regularly and adjust as necessary:



- 1) Loosen the clutch ring nut "A" and the clutch screw "C" on the cable, at the same time.
- 2) To increase clutch lever backlash, turn the clutch screw "C" clockwise (seen from sitting on the bike). To reduce the clutch lever backlash, turn the clutch screw "C" anticlockwise (seen from sitting on the bike).
- 3) After adjusting, tighten the clutch ring nut "A".

SPARK PLUG INSPECTION

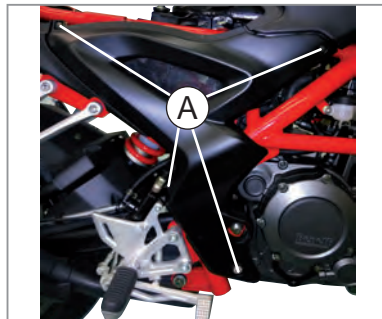
Since the spark plug replacement and check may be difficult for an operator with little experience, we recommend contacting an authorised Benelli workshop.



BATTERY INSPECTION

To access the battery compartment:

1. Remove the rear then the front saddle.
2. Remove the 4 screws "A" from the side cover
3. Take out the battery "B".



Cleaning the terminals

- Once the saddle has been removed, check the condition of the terminals "C" and "D".
- If they are oxidised, remove the battery and clean them with a metal brush.
- After cleaning the terminals apply a light layer of grease before refitting the battery



We recommend using *Petronas Tutela* protection grease.

NOTE:

Turn the key to "ⓧ" before accessing the battery.

When the battery is removed, the negative (Black) terminal must be disconnected before the positive one (Red). When the battery is refitted, the positive pole must be connected first.

Connect the nuts to the terminals.

Once the battery has been inspected, refit the saddle following the steps in reverse order.

Battery storage

The battery tends to discharge if not charged on a regular basis.

When the battery is completely flat, chemical reactions occur inside it that will damage it irreparably.



IMPORTANT NOTICE:

If the vehicle is not being used for more than 15 days, the battery must be removed, charged monthly and stored in a cool, dry place. If the battery is left on the vehicle, disconnect the negative electrode (Black).

If the above precautions are not taken, the battery becomes damaged. This damage is not covered by guarantee.



FUSE REPLACEMENT

Turn the key to “” before checking to see if a fuse is burned.



Fuses are present in the battery compartment. The following fuses can be seen in the photo:

1. Maint Fuse (25A)
2. Injection Fuse (15A)
3. Spare Parts Fuse



IMPORTANT NOTICE:

- After fitting the new fuse, check that the terminals are not loose, which could be the cause of a malfunctioning electrical system.
- Fuses with different characteristics to those indicated, can cause damage to the electrical system.

MOTORCYCLE LAMP REPLACEMENT

Headlamp bulb replacement
To replace the bulbs in the headlamp, contact a specialised Benelli workshop.

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NOTE



TECHNICAL SPECIFICATIONS

MODEL	BN 251
Cubic capacity:	249 cc
Cylinders:	1
Cooling system:	fluid
Stroke ratio:	ø 72x61.2 mm
Compression ratio:	11.2:1
Max. power rpm:	18.5 Kw/9000 rpm
Max. torque:	21.5 Nm/7500 rpm
Battery:	12V 6Ah
Ignition:	Electric
Power:	Electronic injection with one throttle valve ø 37 mm
Clutch:	Oil bath multi-disc
Gears:	Pedal: 6
Height:	1125 mm
Wheel base:	1400 mm
Length:	2080 mm
Width:	810 mm
Net weight:	143 Kg



MODEL	BN 251
Passengers:	2
Front suspension:	Hydraulic with upside down rods
Rear suspension:	Shock absorber with adjustable preloaded spring.
Front brake:	Single disc with axial calipers
Rear brake:	Single disc with double piston caliper
Front tyre:	110/70-17 M/C - 54S (17xMT3.50) 110/70R17 M/C - 54H (17xMT3.50)
Rear tyre:	140/60-17 M/C - 63S (17xMT4.00) 150/60R17 M/C - 66H (17xMT4.00)
Fuel tank capacity:	17 Litres, complete with reserve (3 Litres)
Fuel type:	Lead-free RON95
Engine oil:	API SJ 15W/50 (synthetic) JASO - MA CC MC G4
Lubrication:	Wet casing
Final transmission:	Chain



SCHEDULED MAINTENANCE

NOTE:

Improper maintenance or failure to perform maintenance works will increase the risk of accidents or damage to the motorbike. Always use original **Benelli Q.J.** replacement parts.

The use of not-original replacement parts may accelerate motorbike wear and tear and cut short its life. Failure to perform recommended operations or the use of not-original parts may render the legal warranty null and void.

The replacement and/or topping up of lubricants and fluids, must only be carried out with the recommended products.



IMPORTANT:

PROTECTING THE ENVIRONMENT

Benelli Q.J., to protect the interests of the community, raises awareness among customers and technical assistance operators to use the vehicle and dispose of its parts in full compliance with the current standards against environmental pollution, disposal and recycling of refuse.

The most important maintenance and checks are listed in specific tables, together with their frequency.

It is essential to carry out these operations to keep your motorcycle efficient and safe.

Intervals given in the scheduled maintenance and lubrication table must be considered as a general guideline for conditions of normal use only. It may be necessary to reduce these intervals according to weather conditions, terrain, geographical situation and individual use.

Some operations can be performed by the user as long as they have the necessary skills and in any case, as long as this is provided for in this manual.

In any case, carry out operations at an authorised Benelli workshop. A list of workshops is available on our website **www.benelli.com**



SCHEDULED MAINTENANCE TABLE:

Intervals given in the scheduled maintenance table must be considered as a general guideline for conditions of normal use only. It may be necessary to reduce these intervals according to weather conditions, terrain, geographical situation and individual use. Some operations can be performed by the user as long as they have the necessary skills and in any case, as long as this is expressly mentioned in this Manual.

In any case, carry out operations at an authorised Benelli Q.J. workshop. A list of workshops is available on our website www.benelli.com or from our customer service (T_ +39 0721 41871).

In general, maintenance needs to be carried out with the motorbike on the rear stand, engine off and switch set to OFF. While checking fluid levels, it is preferable to keep the motorbike upright without using the rear stand.



NOTE:

Annual checks need to be carried out every year unless maintenance is carried out on the base of servicing at set distance intervals (or in the case of the UK, mileage).

At 16.000 km, repeat maintenance services as begun at 7.000 km.

For intervals for those items marked "●", we recommend contacting a Benelli dealer, given that it is necessary to have special equipment, specific information and specific technical experience.

**NOTE:****AIR FILTER**

- The air filter needs to be replaced more often if the vehicle is used in particularly damp or dusty environments.

HYDRAULIC BRAKE MAINTENANCE

- Check brake fluid levels on a regular basis and top up as necessary.
- Replace the parts inside the main brake cylinder and calipers every two years. Also change the brake fluid.
- Replace brake hoses every 4 years, or before if cracked or damaged.

The following section shows all of the maintenance operations.

KEY	
I	Inspection and adjustment, cleaning, lubrication or replacement, as needed
R	Replacement
T	Tighten to the torque listed
	Dealer



NO.	Part	Maintenance intervention or control	0 Km (0 mi) Pre-delivery	1000 Km (621 mi) 1° Service	4.000 Km (2.486 mi) 2° Service	7.000 Km (4.350 mi) 3° Service	10.000 Km (6.214 mi) 4° Service	13.000 Km (8.078 mi) 5° Service	Annual Inspection
1		Engine oil	Top up/Replacement	I	R	R	R	R	R
		Check	Every 500 km (310 mi)						
2		Oil Filter	Replacement		R	R	R	R	
3	■	Fuel Filter	Check/Replacement		I	I	R	I	
4	■	Air Filter	Check/Replacement		I	R	I	R	
5	■	Cooling Fluid	Check/Top up/Replacement	I	I	I	I	I	I
		Replace	Every 2 years or 13.000 km (8.078 mi)						
6	■	Cooling system	Check the level of the coolant and make sure there are no leaks from the vehicle	I	I	I	I	I	I
7	■	Spark plugs	Check/Replacement			I	R	I	R
				Check the conditions, clean and restore the distance between electrodes					
8	■	Transmission Chain	Check chain tension Make sure that the rear wheel is correctly aligned Clean and lubricate		I	I	I	I	I
				Every 500 km and after every wash or if the motorcycle has been used in the rain.					
9	■	Crown	Check /Lubricate		I	I	I	I	I
				Replace every time the chain is replaced					
10	■	Pinion/Retaining washer	Check/Replacement		I	I	I	I	I
				Replace every time the chain is replaced					



NO.	Part	Maintenance intervention or control	0 Km (0 mi) Pre-delivery	1000 Km (621 mi) 1° Service	4.000 Km (2.486 mi) 2° Service	7.000 Km (4.350 mi) 3° Service	10.000 Km (6.214 mi) 4° Service	13.000 Km (8.078 mi) 5° Service	Annual Inspection
11	■ Fuel circuit hoses	Check for faults/leaks			I	I	I	R	
In any case, replace every 3 years									
12	■ Brake fluid/clutch	Check/Top up/Replace	I	I	I	I	I	R	I
In any case, replace every 2 years									
13	■ Front brake/Rear brake	Check the operation of the fluid gauge and make sure there are no leaks from the vehicle	I	I	I	I	I	I	I
14	■ Brake pads	Check/Replacement		I	I	I	I	I	
Replace if worn to the limit									
15	■ Fork chain slide	Check/Replacement		I	I	I	I	I	
Replace if worn to the limit									
16	■ Fork chain drive slide	Check/Replacement		I	I	I	I	I	
Replace if worn to the limit									
17	■ Accelerator grip	Check operation and, if necessary, adjust the accelerator cable backlash. Lubricate the accelerator grip housing and cable	I	I	I	I	I	I	I



NO.	Part	Maintenance intervention or control	0 Km (0 mi) Pre-delivery	1000 Km (621 mi) 1° Service	4.000 Km (2.486 mi) 2° Service	7.000 Km (4.350 mi) 3° Service	10.000 Km (6.214 mi) 4° Service	13.000 Km (8.078 mi) 5° Service	Annual Inspection
18	■ Clutch control	Check/Adjustment	I	I	I	I	I	I	I
19	■ Throttle valve	Check/Adjustment		I	I	I	I	I	
20	■ Valve clearance	Check operation/Adjust clearance						I	
			Every 13.000 km (8.078 mi)						
21	■ Distribution chain	Check/Replacement						R	
			Every time the distribution chain is changed or in any case, 22.000 km (13671 mi)						
22	■ Distribution chain slides	Check/Replacement						R	
			Every time the distribution chain is changed or in any case, 22.000 km (13671 mi)						
23	■ Chain tensioner distribution	Check/Replacement						R	
			Every time the distribution chain is changed or in any case, 22.000 km (13671 mi)						
24	■ Steering ring nut and sleeve	Check/Adjustment	T	T	T	T	T	T	T
			Before every use of the vehicle						
25	■ Steering bearings	Check				I	I	I	
			Every 16.000 km (9.942 mi)						
26	■ Wheel bearings front / back	Check				I		I	
		Replacement	Every 40.000 km (24900 mi)						
27	■ Fork bearings	Check/Replacement			I	I	I	R	
			Every 22.000 km (13671 mi)						



NO.		Part	Maintenance intervention or control	0 Km (0 mi) Pre-delivery	1000 Km (621 mi) 1° Service	4.000 Km (2.486 mi) 2° Service	7.000 Km (4.350 mi) 3° Service	10.000 Km (6.214 mi) 4° Service	13.000 Km (8.078 mi) 5° Service	Annual Inspection
28	■	Swing arm	Check operation and make sure there is no excessive. Lubricate.			I	I	I	I	
29	■	Front suspension	Check operation and make sure there are no leaks		I	I	I	I	I	I
30	■	Front suspension oil	Replacement						R	
31	■	Rear suspension	Check/Adjust, and make sure there are no leaks.			I	I	I	I	
32	■	Wheels	Make sure they are not off centre or damaged.	I	I	I	I	I	I	
33	■	Tyres	Check the depth of tread and make sure they are not damaged. Replace if necessary Check inflation pressure. Correct if necessary	I	I	I	I	I	I	I
				Replace if worn to the limit						
34	■	Side stand	Check operation	I	I	I	I	I	I	I



NO.	Part	Maintenance intervention or control	0 Km (0 mi) Pre-delivery	1000 Km (621 mi) 1° Service	4.000 Km (2.486 mi) 2° Service	7.000 Km (4.350 mi) 3° Service	10.000 Km (6.214 mi) 4° Service	13.000 Km (8.078 mi) 5° Service	Annual Inspection
35	■ Switch Side stand	Check operation							
36	■ Instruments, lights, signals and switches	Check operation							
37	■ Head light	Check operation							
		Adjustment	At every change in vehicle set-up						
38	■ Acoustic warning	Check operation							
39	■ Instruments	Check operation							
40	■ Connections Battery	Check operation							
41	■ Electrical System	Check operation							
42	■ Switch switch	Check operation							
43	■ Electric fans	Check operation							
44	■ Electronic injection fuel consumption	Check the idle speed of the engine							



NO.	Part	Maintenance intervention or control	0 Km (0 mi) Pre-delivery	1000 Km (621 mi) 1° Service	4.000 Km (2.486 mi) 2° Service	7.000 Km (4.350 mi) 3° Service	10.000 Km (6.214 mi) 4° Service	13.000 Km (8.078 mi) 5° Service	Annual Inspection
45	■ Fuel /CO*	Check/Adjustment					I		I
Every 10.000 km (6.214 mi)									
46	■ Cyclist part fastening	Make sure all nuts, bolts and screws are sufficiently tightened		T	T	T	T	T	T
47	■ Oil sump screws	Check		T	T	T	T	T	
48	■ Lid screws clutch	Check		T	T	T	T	T	
49	■ Catalytic converter	Check for faults/leaks					I		I
Every 10.000 km (6.214 mi)									
50	■ USA canister version	Check for faults/leaks		I	I	I	I	R	
No maintenance required. In case of malfunction replace.									
51	■ Brake/clutch hoses	Check for faults/leaks	I	I	I	I	I	I	I
52	■ Parts and wires subject to movement	Check/Replacement	I	I	I	I	I	I	I
Replace if damaged.									
53	■ Oil suction filter	Check/Replacement			I	I	I	I	

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LUBRICANTS TABLE

To source the recommended product, **Benelli Q.J.** recommends that you contact your authorised Dealer or Mechanic directly.

Warnings: **Benelli Q.J.** guarantees optimum engine performance with the use of original products. In case of use of not-original products, only lubricants with minimum performance SAE 10W-50 - API SJ - JASO MA2 are suitable.

The use of products with lesser characteristics than the international specifications above may cause damage to the engine not covered by warranty.

Benelli Q.J. advises



Olio Motore Engine Oil Huile Moteur Motorenöl Aceite Motor	PETRONAS SYNTIUM <i>moto</i> SYNTIUM MOTO 4 SP
Impianto di Raffreddamento Cooling System Système de Refroidissement Kühlkreislauf Sistema de Refrigeración	PETRONAS Parafu MOTO
Comando Freni Brake System Circuit Freins Bremsbedienung Sistema de Mando Frenos	PETRONAS TUTELA DOT 5.1 MOTO
Olio Filtro Aria Air Filter Oil Huile de Filtre à Air Luftfilteröl Aceite del Filtro de Aire	PETRONAS SPENIA MOTO FILTER AIR FILTER OIL
Grasso Protezione Poli Batteria Protection Battery Poles Grease Graisse de Poteaux de Batterie Schutzbatterie-Pfostenfett Grasa de los postes de la batería	PETRONAS TUTELA PROFESSIONAL POLES PROTECTION GREASE
Grasso Lubrificazione Catena Grease for Lubricating Chains Graisse pour Lubrifier des Chaines Fett für das Schmieren der Ketten Grasa para lubricar cadenas	PETRONAS TUTELA PROFESSIONAL TP 2
Lubrificante Spray Multiuso Multipurpose Spray Lubricant Lubrifiant Universel Spray Mehrzwecksprayschmiermittel Lubricante Multipropósito Spray	PETRONAS TUTELA PROFESSIONAL 6 IN 1

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COUPON N. 1 -

Model/Cubic capacity

Dealer's stamp

Frame number, in full

Km travelled

SERVICE CARRIED OUT USING REMOTE MEANS

OK

Responsibility of the dealer

The vehicle has been inspected, following all of the operations envisaged in the maintenance plan.

Signature _____

Responsibility of the dealer

The service was continued to full satisfaction

Date _____

Signature _____

This service involves (C= Checks / S= Replacement)

- | | | |
|--|---|--|
| <input type="checkbox"/> Rear shock absorber | <input type="checkbox"/> Air Filter | <input type="checkbox"/> Accelerator dial |
| <input type="checkbox"/> Spark plugs | <input type="checkbox"/> Oil Filter | <input type="checkbox"/> Exhaust and discharge |
| <input type="checkbox"/> Transmission chain | <input type="checkbox"/> Rear brake | <input type="checkbox"/> Swingarm oil |
| <input type="checkbox"/> Side stand | <input type="checkbox"/> Front brake | <input type="checkbox"/> Engine oil |
| <input type="checkbox"/> Fuel circuit | <input type="checkbox"/> Valve clearance | <input type="checkbox"/> Tyres |
| <input type="checkbox"/> Wheel bearings | <input type="checkbox"/> Brake Fluid | <input type="checkbox"/> Bolt tightness |
| <input type="checkbox"/> Steering bearings | <input type="checkbox"/> Cooling Fluid | <input type="checkbox"/> Fuel pipes |
| | <input type="checkbox"/> Lights, signals and switches | |



COUPON N. 2 -

Model/Cubic capacity

Dealer's stamp

Frame number, in full

Km travelled

SERVICE CARRIED OUT USING REMOTE MEANS

OK

Responsibility of the dealer

The vehicle has been inspected, following all of the operations envisaged in the maintenance plan.

Signature _____

Date _____

Responsibility of the dealer

The service was continued to full satisfaction

Signature _____

This service involves (C= Checks / S= Replacement)

- ☐ Rear shock absorber
- ☐ Spark plugs
- ☐ Transmission chain
- ☐ Side stand
- ☐ Fuel circuit
- ☐ Wheel bearings
- ☐ Steering bearings

- ☐ Air Filter
- ☐ Oil Filter
- ☐ Rear brake
- ☐ Front brake
- ☐ Valve clearance
- ☐ Brake Fluid
- ☐ Cooling Fluid
- ☐ Lights, signals and switches

- ☐ Accelerator dial
- ☐ Exhaust and discharge
- ☐ Swingarm oil
- ☐ Engine oil
- ☐ Tyres
- ☐ Bolt tightness
- ☐ Fuel pipes



COUPON N. 3 -

Model/Cubic capacity

Dealer's stamp

Frame number, in full

Km travelled

SERVICE CARRIED OUT USING REMOTE MEANS

OK

Responsibility of the dealer

The vehicle has been inspected, following all of the operations envisaged in the maintenance plan.

Signature _____

Responsibility of the dealer

The service was continued to full satisfaction

Date _____

Signature _____

This service involves (C= Checks / S= Replacement)

- | | | |
|--|---|--|
| <input type="checkbox"/> Rear shock absorber | <input type="checkbox"/> Air Filter | <input type="checkbox"/> Accelerator dial |
| <input type="checkbox"/> Spark plugs | <input type="checkbox"/> Oil Filter | <input type="checkbox"/> Exhaust and discharge |
| <input type="checkbox"/> Transmission chain | <input type="checkbox"/> Rear brake | <input type="checkbox"/> Swingarm oil |
| <input type="checkbox"/> Side stand | <input type="checkbox"/> Front brake | <input type="checkbox"/> Engine oil |
| <input type="checkbox"/> Fuel circuit | <input type="checkbox"/> Valve clearance | <input type="checkbox"/> Tyres |
| <input type="checkbox"/> Wheel bearings | <input type="checkbox"/> Brake Fluid | <input type="checkbox"/> Bolt tightness |
| <input type="checkbox"/> Steering bearings | <input type="checkbox"/> Cooling Fluid | <input type="checkbox"/> Fuel pipes |
| | <input type="checkbox"/> Lights, signals and switches | |



COUPON N. 4 -

Model/Cubic capacity

Dealer's stamp

Frame number, in full

Km travelled

SERVICE CARRIED OUT USING REMOTE MEANS

OK

Responsibility of the dealer

The vehicle has been inspected, following all of the operations envisaged in the maintenance plan.

Signature _____

Date _____

Responsibility of the dealer

The service was continued to full satisfaction

Signature _____

This service involves (C= Checks / S= Replacement)

- ☐ Rear shock absorber
- ☐ Spark plugs
- ☐ Transmission chain
- ☐ Side stand
- ☐ Fuel circuit
- ☐ Wheel bearings
- ☐ Steering bearings

- ☐ Air Filter
- ☐ Oil Filter
- ☐ Rear brake
- ☐ Front brake
- ☐ Valve clearance
- ☐ Brake Fluid
- ☐ Cooling Fluid
- ☐ Lights, signals and switches

- ☐ Accelerator dial
- ☐ Exhaust and discharge
- ☐ Swingarm oil
- ☐ Engine oil
- ☐ Tyres
- ☐ Bolt tightness
- ☐ Fuel pipes



COUPON N. 5 -

Model/Cubic capacity

Dealer's stamp

Frame number, in full

Km travelled

SERVICE CARRIED OUT USING REMOTE MEANS

OK

Responsibility of the dealer

The vehicle has been inspected, following all of the operations envisaged in the maintenance plan.

Signature _____

Responsibility of the dealer

The service was continued to full satisfaction

Date _____

Signature _____

This service involves (C= Checks / S= Replacement)

- | | | |
|--|---|--|
| <input type="checkbox"/> Rear shock absorber | <input type="checkbox"/> Air Filter | <input type="checkbox"/> Accelerator dial |
| <input type="checkbox"/> Spark plugs | <input type="checkbox"/> Oil Filter | <input type="checkbox"/> Exhaust and discharge |
| <input type="checkbox"/> Transmission chain | <input type="checkbox"/> Rear brake | <input type="checkbox"/> Swingarm oil |
| <input type="checkbox"/> Side stand | <input type="checkbox"/> Front brake | <input type="checkbox"/> Engine oil |
| <input type="checkbox"/> Fuel circuit | <input type="checkbox"/> Valve clearance | <input type="checkbox"/> Tyres |
| <input type="checkbox"/> Wheel bearings | <input type="checkbox"/> Brake Fluid | <input type="checkbox"/> Bolt tightness |
| <input type="checkbox"/> Steering bearings | <input type="checkbox"/> Cooling Fluid | <input type="checkbox"/> Fuel pipes |
| | <input type="checkbox"/> Lights, signals and switches | |

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Benelli Q.J. srl

Strada della Fornace Vecchia S.N. - 61122, Pesaro - ITALY

tel: + 39 0721 41871 / fax: + 39 0721 418722

mail: support@benelli.com