

Dear Customer,

Thank you for choosing a Moto Guzzi vehicle.

We have prepared this booklet for you to appreciate the qualities of the vehicle. We recommend that you read it in its entirety before you start riding for the first time, familiarize yourself with the controls and understand the behaviour of the vehicle in order to use it correctly. This document contains tips, warnings and important information for the safety, correct operation, maintenance and care of your vehicle. We advise you to keep this booklet for easy consultation and to hand it over to the new owner in the event of sale, as it constitutes an integral part of the vehicle itself. We hope you enjoy reading this manual. Have a great journey!

We strongly recommend that you download and view the full and updated version of the present document, which is available from the website:

<https://manuals.motoguzzi.com>

V7



Ed: 02-05_2025 Cod. 2Q000618 (USA)

INSTRUCTIONS

The instructions given in this manual are intended to provide a clear and simple guide for using your vehicle. Details are also given of routine maintenance procedures and regular checks which should be carried out on the vehicle by a Moto Guzzi dealer or authorised service centre.

Any operations not specifically described in this booklet require the use of special tools and/or particular technical knowledge: we recommend having these operations carried out by a Moto Guzzi dealer or authorised service centre.

Read this manual thoroughly before using your vehicle. Follow the instructions contained in this manual for your personal safety and to ensure the durability of your vehicle. Failure to observe these instructions may cause personal injury or damage to the vehicle.

WARNING

This use and maintenance manual contains descriptions of the technical data and functional characteristics of the vehicle applicable for the different variants and configurations currently in production. Only the information relative to the configuration, engine variant and version of the vehicle purchased by you must be taken into consideration.

Piaggio & C. S.p.A. reserves the right to implement modifications to the model described in this document at any time, for any technical or commercial reasons it deems fit.

CHANGE/MODIFY THE VEHICLE

Any modifications or alterations made to the vehicle may void the warranty and may also compromise the road-holding characteristics of the vehicle and cause an accident, putting the safety of the driver and occupants at serious risk.

This use and maintenance manual contains paragraphs identified by signal word DANGER, with warnings for avoiding accident or injury, and paragraphs identified by the signal words WARNING and NOTE, with information to help the user avoid improper use of the vehicle and its components. A number of paragraphs identified by the signal word WARNING are also included with information to help avoid procedures and actions which could damage your vehicle. Observe all DANGER and WARNING instructions and indications in this manual, which are identified by the symbols:



Safety of Persons

The total or partial failure to follow these instructions may lead to serious personal injury.



Integrity of the vehicle

The total or partial failure to follow these instructions may lead to serious damage to the vehicle and may even invalidate the warranty.



Safeguarding the Environment

Indicates the correct behaviour to adopt for an environmentally-friendly use of the vehicle.

Note

Indicates a note that provides important information to make the process easier and clearer.

LIST OF TOPICS

GENERAL MANDATORY REQUIREMENTS	
GENERAL SAFETY INSTRUCTIONS.....	8
FOREWORD.....	8
MOTORCYCLE CARE.....	8
CARBON MONOXIDE.....	10
FUEL.....	10
HOT PARTS.....	11
INDICATOR LAMPS.....	11
USED ENGINE OIL AND TRANSMISSION OIL.....	11
BRAKE FLUID.....	11
BATTERY ELECTROLYTE AND HYDROGEN GAS.....	12
STAND.....	12
GENERAL PRECAUTIONS AND WARNINGS.....	13
ROAD TRAFFIC CODE AND VEHICLE USE.....	14
WARRANTY FOR NOISE EMISSIONS.....	14
INFORMATION ON EXHAUST FUMES AND NOISE CONTROL SYSTEM.....	14
POSITIONING OF WARNING LABELS.....	16
LABEL KEY.....	16
EVAPORATIVE EMISSION CONTROL SYSTEM.....	18
EMISSION CONTROL SYSTEM WARRANTY STATEMENT - WARRANTY RIGHTS AND OBLIGATIONS.....	20
MANUFACTURER'S WARRANTY COVERAGE.....	20
OWNER'S WARRANTY RESPONSIBILITIES.....	20
VEHICLE	
MAIN COMPONENTS DISTRIBUTION.....	26
KEY FOR LOCATION OF MAIN COMPONENTS.....	27
INSTRUMENT CLUSTER.....	28
INSTRUMENT CLUSTER - KEY.....	29
INSTRUMENT PANEL.....	30
WARNING LIGHT UNIT.....	30
DIGITAL DISPLAY.....	30
DIGITAL DISPLAY KEY.....	31
WARNINGS.....	32
ALARMS.....	33
MAPPING SELECTION.....	36
ELECTRONIC CONTROLS OF THE VEHICLE.....	37
CONTROL BUTTONS.....	42
CRUISE CONTROL.....	47
IGNITION SWITCH.....	48
ENGAGING THE STEERING LOCK.....	48
HORN BUTTON.....	49
TURN INDICATOR SWITCH.....	49
LIGHT SWITCH.....	49
HIGH BEAM FLASH SWITCH.....	50
DAYTIME/NIGHT LIGHTS SWITCH.....	50
STARTER BUTTON.....	50
ENGINE STOP SWITCH.....	50
THE SADDLE.....	50
OBD SOCKET.....	52
THE IDENTIFICATION.....	52
USAGE	
CONTROLS.....	54
REFUELLING.....	55
ADJUSTING THE REAR SHOCK ABSORBERS.....	57
FRONT FORK CHECK.....	57
FRONT FORK ADJUSTMENT.....	57
FRONT BRAKE LEVER ADJUSTMENT.....	58
ADJUSTING THE REAR BRAKE PEDAL.....	59
CLUTCH LEVER ADJUSTMENT.....	59
GEAR PEDAL ADJUSTMENT.....	60
RUNNING-IN.....	60
ENGINE STARTER.....	61
SETTING OFF AND RIDING.....	62
ENGINE STOP.....	64
IT IS EASY TO PARK ANYWHERE ON THE ROAD.....	65
CATALYTIC CONVERTER.....	65

LIST OF TOPICS

SIDE STAND.....	66	DATA.....	98
THEFT PREVENTION TIPS.....	67	TOOLKIT.....	101
SAFE RIDING.....	67	SPARE PARTS AND ACCESSORIES.....	
BASIC SAFETY RULES.....	73	CAUTION.....	104
MAINTENANCE.....		SCHEDULED SERVICE.....	
FOREWORD.....	78	THE VALUE OF SERVICE.....	106
ENGINE OIL LEVEL.....	78	SCHEDULED MAINTENANCE.....	106
CHECKING THE ENGINE OIL LEVEL.....	79	SCHEDULED MAINTENANCE TABLE.....	106
ENGINE OIL TOP-UP.....	79	RECOMMENDED PRODUCTS.....	109
ENGINE OIL CHANGE.....	80	TABLE OF RECOMMENDED PRODUCTS.....	110
ENGINE OIL FILTER REPLACEMENT.....	80	SPECIAL FITTINGS.....	
GEARBOX OIL LEVEL.....	80	INDEX OF ACCESSORIES.....	112
BEVEL GEAR OIL LEVEL.....	80		
TYRES.....	80		
SPARK PLUG REMOVAL.....	82		
AIR FILTER REMOVAL.....	82		
BRAKE FLUID LEVEL CHECK.....	82		
TOPPING UP BRAKE FLUID.....	83		
BATTERY.....	83		
REMOVAL.....	83		
CHARGING THE BATTERY.....	85		
PROLONGED INACTIVITY.....	85		
FUSES.....	85		
FRONT LIGHT CLUSTER.....	87		
HEADLIGHT ADJUSTMENT.....	87		
FRONT TURN INDICATORS.....	88		
REAR LIGHT ASSEMBLY.....	88		
REAR TURN INDICATORS.....	88		
REAR-VIEW MIRRORS.....	88		
FRONT AND REAR DISC BRAKE.....	90		
VEHICLE INACTIVITY.....	91		
VEHICLE CLEANING.....	92		
TRANSPORT.....	96		
TECHNICAL SPECIFICATIONS.....			

V7



CHAPTER 01 **General mandatory** **requirements**

General Safety Instructions

Foreword

N.B.:



THE MAINTENANCE INTERVALS PRESCRIBED BY THE SCHEDULED MAINTENANCE TABLE MUST BE CONSIDERED AS A GENERAL GUIDE FOR USING THE VEHICLE IN NORMAL RUNNING CONDITIONS.

IT MAY BE NECESSARY TO REDUCE THE MAINTENANCE INTERVALS UNDER SOME PARTICULAR CONDITIONS. ESPECIALLY WHEN USED IN GEOGRAPHICAL LOCATIONS WITH ADVERSE CLIMATIC CONDITIONS, USE ON UNEVEN GROUND OR SEVERE INDIVIDUAL USE.

N.B.:



IF THE VEHICLE FALLS, WHETHER WHILE MOVING OR STATIONARY, ALWAYS TAKE IT TO AN OFFICIAL Moto Guzzi DEALER, WHICH WILL CHECK IT THOROUGHLY TO MAKE

SURE THAT IT IS UNDAMAGED AND IN PERFECT WORKING ORDER.

N.B.:



THIS USE AND MAINTENANCE MANUAL IS AN IMPORTANT DOCUMENT AND MUST ALWAYS BE KEPT WITH THE VEHICLE.

IF THE VEHICLE IS RESOLD, PLEASE PROVIDE THIS MANUAL TO THE NEW OWNER.

Moto Guzzi has created this use and maintenance manual to provide you, the user, with correct and updated information. However, considering the fact that **Moto Guzzi** is constantly improving the design of its vehicles, there may be slight differences between the characteristics of the vehicle in your possession and the information contained in this use and maintenance manual. For any questions concerning your vehicle, contact your local official **Moto Guzzi** dealer who will always be updated with the latest information available from the company. For checks and repairs not expressly described in this use and maintenance manual, for the purchase of original spare parts, accessories and other **Moto Guzzi** products, as well as support on specific problems, please contact your local

Moto Guzzi dealer. These professionals will provide you a quick and accurate service.

Thank you for choosing **Moto Guzzi**.

We wish you a pleasant ride!

This use and maintenance manual is copyright protected in all countries, and total or partial reproduction by any print or electronic means is strictly prohibited.

Motorcycle care

Moto Guzzi recommends using quality products for cleaning the vehicle. The use of unsuitable products can damage vehicle components. For cleaning do not use solvents such as "nitro thinner", "cold cleaning agents", fuels or the like, or cleaning products that contain alcohol.

WASHING THE MOTORCYCLE

Moto Guzzi recommends softening with water and then carefully removing the insects and stubborn stains before washing the vehicle.

To prevent stains, do not wash the motorcycle immediately after exposure to sunlight, and do not wash it in the sun.

If the vehicle is used during the winter months, be sure to frequently wash the motorcycle. To remove anti-icing salt sprayed on roads in the winter, wash the motorcycle with cold water immediately after use.

CAUTION



AFTER CLEANING YOUR MOTORCYCLE, THE EFFICIENCY OF THE BRAKING SYSTEM MAY BE TEMPORARILY AFFECTED DUE TO THE PRESENCE OF WATER ON THE FRICTION SURFACES. CONSIDER AN INCREASE IN BRAKING SPACE, OPERATE THE BRAKES REPEATEDLY TO RESTORE NORMAL CONDITIONS. CARRY OUT THE PRE-RIDE CHECKS BEFORE USE.

WARNING

USE OF HOT WATER INTENSIFIES THE EFFECT OF THE SALT. USE ONLY PLENTY OF COLD WATER TO WASH AND REMOVE ANTI-ICING SALT.

WARNING

USE OF HIGH PRESSURE WASHING SYSTEMS (OR STEAM CLEANERS) CAN DAMAGE THE SEALS, OIL SEALS, BRAKING SYSTEM, ELECTRICAL SYSTEM AND THE SADDLE. DO NOT USE STEAM

OR HIGH PRESSURE CLEANING SYSTEMS. DO NOT USE STEAM OR HIGH PRESSURE WASHING SYSTEMS. DO NOT INSIST WITH THE PRESSURE NOZZLE ON THE STEERING BEARING, WHEEL BEARINGS, INSIDE THE REAR WHEEL HUB, ON THE HYDRAULIC BRAKING CIRCUIT AND ON THE ELECTRICAL PARTS.

**CLEANING OF SENSITIVE PARTS
BODYWORK**

To keep the motorcycle bright, wash it regularly, especially if used in areas with high levels of pollution or mud. Stubborn stains of tree resin, petrol, oil, brake liquid or bird droppings should be removed immediately, otherwise the stains risk becoming permanent.

After washing it is easy to identify marks and residual stains, remove them from the body using a soft cloth and brand-name, non-abrasive polish, and protect with a protective wax for cars. Periodic care, a thorough cleaning and regular protective wax for the bodywork preserves the aesthetic quality of the motorcycle over the long term.

PLASTIC COMPONENTS**WARNING**

IF THE PLASTIC COMPONENTS ARE CLEANED USING AGGRESSIVE AGENTS, THE SURFACE MAY BE DAMAGED. DO NOT USE CLEANING PRODUCTS CONTAINING ALCOHOL, SOLVENTS OR THAT ARE ABRASIVE FOR THE CLEANING OF PLASTIC PARTS. ROTARY BRUSHES OR SPONGES WITH HARD SURFACES CAN MAKE SCRATCHES.

CHROME PARTS AND POLISHED METAL**WARNING**

TREAT THE PARTS MADE OF CHROME, ALUMINIUM OR POLISHED STEEL IN A SPECIAL MANNER. WASH THEM WITH PLENTY OF WATER AND CAR SHAMPOO, POLISH AND REGULARLY BRIGHTEN THEM WITH POLISH PASTE, PROTECT THEM WITH WAXES OR SUITABLE ACID-FREE PRODUCTS (E.G. VASELINE).

RADIATOR**WARNING**

IF THE VEHICLE IS USED IN WINTER ON ROADS TREATED WITH SALT, WASH THE RADIATOR FREQUENTLY TO PREVENT COSMETIC DAMAGE TO THE FINISH AND THE RISK OF ENGINE OVERHEATING. WASH WITH PLENTY OF WATER. WASH WITH A LOW PRESSURE JET OF WATER, USING A GARDEN HOSE FOR EXAMPLE.

RUBBER PARTS

Clean the rubber parts using water and mild shampoo (brand-name, suitable for car bodies)

WARNING



THE USE OF SILICONE SPRAY TO CLEAN THE RUBBER SEALS MAY CAUSE DAMAGE. DO NOT USE OTHER PRODUCTS CONTAINING SILICON FOR CLEANING THE MOTORCYCLE.

Carbon monoxide

If it is necessary to run the engine for maintenance work, make sure the area where you are working is well ventilated. **Never leave the engine running in closed places.**

If it is necessary to work indoors, use an exhaust extraction system.

CAUTION



EXHAUST EMISSIONS CONTAIN CARBON MONOXIDE, A POISONOUS GAS WHICH CAN CAUSE LOSS OF CONSCIOUSNESS AND EVEN DEATH.

CAUTION



CARBON MONOXIDE IS ODOURLESS AND COLOURLESS, THEREFORE IT CANNOT BE DETECTED BY SMELL, SIGHT OR OTHER SENSES. DO NOT BREATHE IN EXHAUST FUMES UNDER ANY CIRCUMSTANCES.

Fuel

Keep the petrol out of the reach of children. Petrol is toxic. Do not use the mouth to siphon the petrol. Avoid contact of the petrol with the skin. If you should accidentally come into contact with petrol, change your clothes immediately and wash the area where petrol has been spilled thoroughly with soap and warm water. Should you accidentally ingest petrol, do not induce

vomiting. Drink plenty of fresh water or milk and consult a doctor immediately.

If petrol should inadvertently come into contact with the eyes, rinse thoroughly with clean, fresh water and consult a doctor immediately.

CAUTION



FUEL USED TO DRIVE EXPLOSION ENGINES IS HIGHLY INFLAMMABLE AND CAN BECOME EXPLOSIVE UNDER SPECIFIC CONDITIONS. IT IS THEREFORE RECOMMENDED TO CARRY OUT REFUELLING AND MAINTENANCE PROCEDURES IN A VENTILATED AREA WITH THE ENGINE SWITCHED OFF. DO NOT SMOKE DURING REFUELLING AND NEAR FUEL VAPOURS, AVOIDING ANY CONTACT WITH NAKED FLAMES, SPARKS OR OTHER SOURCES WHICH MAY CAUSE THEM TO IGNITE OR EXPLODE.

DO NOT DISPERSE FUEL IN THE ENVIRONMENT. ALWAYS USE APPROPRIATE DISPOSAL METHODS.

KEEP OUT OF THE REACH OF CHILDREN .

Hot parts

The engine and the exhaust system components get very hot and remain in this condition for a certain time interval after the engine has been switched off. Before handling these components, make sure that you are wearing insulating gloves or wait until the engine and the exhaust system have cooled down.

Indicator lamps

WARNING



IF THE WARNING LIGHTS COME ON DURING NORMAL ENGINE OPERATION, THE ELECTRONIC CONTROL UNIT HAS DETECTED A FAULT.

WARNING



IF THE ALARM OIL PRESSURE LAMP FLASHES DURING NORMAL ENGINE OPERATION, IT MEANS THAT THE OIL PRESSURE IN THE CIRCUIT IS TOO LOW. IN THIS CASE, IT IS MANDATORY TO SWITCH OFF THE

ENGINE IMMEDIATELY IN ORDER TO PREVENT DAMAGE.

WARNING



PERFORM THE MOTOR OIL LEVEL CHECK. IF THE INSUFFICIENT MOTOR OIL PRESSURE LIGHT REMAINS DESPITE THE ABOVE PROCEDURE BEING PERFORMED CORRECTLY, CONTACT AN AUTHORIZED Moto Guzzi Dealer TO HAVE THE SYSTEM CHECKED.

Used engine oil and transmission oil

CAUTION



WHEN CARRYING OUT MAINTENANCE OPERATIONS, IT IS ADVISABLE TO WEAR PROTECTIVE IMPERMEABLE GLOVES.

THE ENGINE OR GEARBOX OIL MAY CAUSE SERIOUS INJURIES TO THE SKIN IF HANDLED FOR PROLONGED PERIODS OF TIME AND ON A REGULAR BASIS. WASH

YOUR HANDS CAREFULLY AFTER HANDLING OIL.

ALWAYS MAKE USE OF APPROPRIATE DISPOSAL METHODS. OIL IS DANGEROUS FOR THE ENVIRONMENT AND FEDERAL LAW FORBIDS ITS DISPOSAL WITHOUT AUTHORISATION. TAKE THE WASTE OIL TO A SPECIAL COLLECTION CENTRE OR ASK FOR IT TO BE COLLECTED BY THE NEAREST WASTE OIL RECOVERY COMPANY.

DO NOT DISPOSE OF OIL INTO THE ENVIRONMENT.

KEEP OUT OF THE REACH OF CHILDREN.

Brake fluid

WARNING!



BRAKE FLUID IS EXTREMELY POISONOUS. NEVER ALLOW BRAKE FLUID TO BE INGESTED OR SWALLOWED. IF ACCIDENTALLY SWALLOWED, DRINK LARGE QUANTITIES OF MILK OR WATER AND SEEK MEDICAL ADVICE IMMEDIATELY. BRAKE FLUID IS HIGHLY DESTRUCTIVE TO SKIN AND EYE TISSUE. IF YOU ACCIDENTALLY SPILL BRAKE FLUID ON YOURSELF,

TAKE OFF YOUR CLOTHES, WASH WITH HOT WATER AND SOAP AND SEEK MEDICAL ADVICE IMMEDIATELY. IF BRAKE FLUID GETS ACCIDENTALLY IN CONTACT WITH YOUR EYES, RINSE WITH ABUNDANT FRESH WATER AND SEEK MEDICAL ADVICE IMMEDIATELY. KEEP BRAKE FLUID OUT OF THE REACH OF CHILDREN.

CAUTION



BRAKE FLUID CAN DAMAGE PAINT FINISH, PLASTIC AND RUBBER. WHEN SERVICING THE BRAKING SYSTEM, PROTECT THESE COMPONENTS WITH A CLEAN CLOTH. ALWAYS WEAR PROTECTIVE GOGGLES WHEN SERVICING THESE SYSTEMS. BRAKE FLUID IS EXTREMELY HARMFUL FOR THE EYES. IN THE EVENT OF ACCIDENTAL CONTACT WITH THE EYES, RINSE THE EYES IMMEDIATELY WITH PLENTY OF COOL, CLEAN WATER AND SEEK IMMEDIATE MEDICAL ATTENTION.

KEEP OUT OF THE REACH OF CHILDREN .

Battery electrolyte and hydrogen gas

(if applicable)

CAUTION



THE BATTERY ELECTROLYTE IS TOXIC, CORROSIVE AND, AS IT CONTAINS SULPHURIC ACID, MAY CAUSE BURNING IF IT COMES INTO CONTACT WITH THE SKIN. WHEN HANDLING BATTERY ELECTROLYTE, WEAR TIGHT-FITTING GLOVES AND PROTECTIVE APPAREL. IN THE EVENT OF SKIN CONTACT WITH THE ELECTROLYTIC FLUID, RINSE WELL WITH PLENTY OF CLEAN WATER. IT IS PARTICULARLY IMPORTANT TO PROTECT YOUR EYES BECAUSE EVEN TINY AMOUNTS OF BATTERY ACID MAY CAUSE BLINDNESS. IF THE FLUID GETS INTO CONTACT WITH THE EYES, WASH WITH ABUNDANT WATER FOR FIFTEEN MINUTES AND CONSULT AN EYE SPECIALIST IMMEDIATELY. THE BATTERY RELEASES EXPLOSIVE GASES; KEEP IT AWAY FROM FLAMES, SPARKS, CIGARETTES OR ANY OTHER HEAT SOURCES. ENSURE ADEQUATE VENTILATION WHEN SERVICING OR RECHARGING THE BATTERY.

KEEP OUT OF THE REACH OF CHILDREN .

BATTERY LIQUID IS CORROSIVE. DO NOT POUR OR SPREAD IT ESPECIALLY ON PLASTIC PARTS. ENSURE THAT THE ELECTROLYTIC ACID IS COMPATIBLE WITH THE BATTERY BEING ACTIVATED.

Stand

CAUTION



DO NOT SIT ON THE VEHICLE WHILE STATIONARY ON THE SIDE STAND. THE PARKING STAND IS EXCLUSIVELY DESIGNED TO KEEP THE VEHICLE BALANCED. THE ADDITIONAL WEIGHT OF A RIDER, PASSENGER OR BOTH COULD CAUSE THE VEHICLE TO FALL, RESULTING IN SERIOUS INJURY OR DEATH.

BEFORE MOVING THE VEHICLE:

CHECK THAT THE SIDE STAND AND/OR THE CENTRAL STAND (IF PROVIDED) ARE COMPLETELY RAISED. IF THE STANDS ARE NOT FULLY RAISED, THIS MAY BE SERIOUS INJURY OR DEATH.

General precautions and warnings

DANGER OF OVERHEATING

WHEN THE VEHICLE IS STATIONARY, DO NOT KEEP THE ENGINE RUNNING MORE THAN NECESSARY, THIS MAY CAUSE EXCESSIVE OVERHEATING. IN EXTREME CASES, RISK OF FIRE.

- WHEN THE VEHICLE IS STATIONARY, DO NOT UNNECESSARILY RUN THE ENGINE.
- TO PREVENT DAMAGE FROM EXCESSIVE OVERHEATING, AUTOMATIC ENGINE SHUT-DOWN IS PROVIDED FOR LONG STAYS IN NEUTRAL, AT IDLE SPEED, AND IN EXTREMELY HOT CONDITIONS. IN ANY CASE, EVEN AFTER THE AUTOMATIC SHUT-DOWN, THE ENGINE CAN BE SWITCHED ON AGAIN IMMEDIATELY.
- START IMMEDIATELY AFTER IGNITION, MAKING SURE TO RIDE A SHORT INITIAL DISTANCE AT LOW RPM.
- AFTER USE, AS SOON AS PARKED, THE ENGINE MUST BE IMMEDIATELY TURNED OFF.
- AFTER USE, DO NOT PLACE OBJECTS IN CONTACT WITH THE VEHICLE, WHEN IT IS STILL HOT, AS THEY COULD IGNITE (E.G. PROTECTIVE FABRICS, JACKET, ETC.).

- IF THE ENGINE TEMPERATURE IS VERY HIGH, IT IS POSSIBLE THAT THE COOLING FAN WILL CONTINUE TO RUN FOR SEVERAL SECONDS EVEN AFTER THE ENGINE HAS BEEN SWITCHED OFF. THIS BEHAVIOUR IS NOT TO BE CONSIDERED ABNORMAL, IT'S A STRATEGY SPECIFICALLY CREATED TO PROTECT THE ENGINE.

TAMPERING

- NEVER TAMPER WITH ANY PART OF THE MOTORCYCLE (E.G. ENGINE CONTROL UNIT, THROTTLE VALVES, CLUTCH, EXHAUST SYSTEM, ETC.). THIS MAY CAUSE DAMAGE TO THE COMPONENTS INVOLVED, FAILURE OF RELEVANT SAFETY FUNCTIONS AND LOSS OF THE WARRANTY.

DANGER OF BURNS

IN CASE OF OVERHEATING OF THE ENGINE AND EXHAUST SYSTEMS WHILE RUNNING, PAY PARTICULAR ATTENTION:

- DANGER OF BURNS.
- AFTER TURNING OFF THE VEHICLE, PAY ATTENTION THAT NO PERSON OR OBJECT COMES IN CONTACT WITH THE ENGINE AND THE EXHAUST SYSTEM.

Unless otherwise specified in this Use and Maintenance Manual, do not remove any mechanical or electrical component.

WARNING



SOME OF THE CONNECTORS ON THE VEHICLE MAY BE ACCIDENTALLY SWAPPED, AND MAY COMPROMISE NORMAL VEHICLE OPERATION AND/OR CAUSE IRREPARABLE DAMAGE TO PARTS OF THE VEHICLE IF INCORRECTLY INSTALLED.

If you have any questions regarding your warranty rights and responsibilities, please contact Piaggio Group Americas, Inc., 860 Washington Street, 9th Floor, New York, NY 10014 U.S.A. Telephone number: (212) 380 4400, email: customercare@us.piaggio.com, the U.S. Environmental Protection Agency, 2000 Traverwood Ann Arbor, MI 48105 or the California Air Resources Board at P.O. Box 8001, 9528 Telstar Avenue, El Monte, CA 91734-8001.

If it is found that your vehicle has a defect that could cause an accident, injury or death, immediately report it to NHTSA (**National Highway Traffic Safety Administration**) and **Moto Guzzi**. If NHTSA receives other similar information, it could initiate an investigation, and if a safety defect is found affecting a group of vehicles it could request its withdrawal or the application of corrective measures. In any case, the NHTSA does not intervene

in the event of individual problems between persons, dealers or **Moto Guzzi**. To contact NHTSA, call the **Vehicle Safety Hotline** toll-free number (888 327 4236) or write to: U.S. Department of Transportation, National Highway Safety Administration, 1200 New Jersey Ave., SE, Washington DC 20590. For more information regarding vehicle safety, call the toll-free number.

Your safety and that of the persons around you depends not only on your driving skills, but also on your knowledge of the vehicle and the safety rules.

Therefore, it is essential not to use the vehicle on public roads or highways before having received instructions from a qualified and prepared safety organization, for example MOTORCYCLE SAFETY FOUNDATION.

LIST OF DEFECTS THAT COMPROMISE THE SAFETY

If it is found that your vehicle has a defect that could cause an accident or death, immediately report it to the National Highway Traffic Safety Administration (NHTSA), a section of the American Department of Transportation. After receiving information on alleged defects, NHTSA could open an investigation to find out if there is a group of defective vehicles on the market. At that point, it could launch an information campaign and recall the vehicles from the market. However, neither the NHTSA nor the Department of Transportation will be involved in

personal matters regarding the consumer and manufacturer.

Additional information can be obtained by calling the specified number.

Road traffic code and vehicle use

The road traffic code rules vary from state to state. It is extremely important to know in advance the road traffic code rules of the country where the vehicle will be used.

CAUTION



THIS VEHICLE HAS BEEN DESIGNED TO BE USED ON ASPHALT ROADS ONLY. IT WAS NOT DESIGNED TO BE USED ON OFF-ROAD TRACKS, RACE CIRCUITS, OFF-ROAD OR FOR MOTOCROSS COMPETITIONS.

DO NOT RIDE THIS VEHICLE ON UNEVEN SURFACES, DIRT OR GRAVEL ROADS. FAILURE TO FOLLOW THESE WARNINGS COULD LEAD TO A FALL WITH CONSEQUENT INJURIES, EVEN DEATH.

Warranty for noise emissions

Piaggio & Co. S.p.A warrants that the exhaust system complies with all US EPA federal noise emission standards in effect at the time of production. Any

questions concerning the exhaust system of this vehicle must be addressed to any authorised **Moto Guzzi** dealer or to the **Moto Guzzi** Customer Care by calling (212) 380 4400, or by writing to:

Moto Guzzi Customer Care c/o Piaggio Group Americas, Inc.

860 Washington Street, 9th Floor,

New York, NY 10014

U.S.A.

email: customercare@us.piaggio.com

Information on exhaust fumes and noise control system

Origins of emissions

CAUTION



THE COMBUSTION PROCESS PRODUCES CARBON MONOXIDE AND HYDROCARBONS. THE CONTROL OF HYDROCARBONS IS VERY IMPORTANT BECAUSE UNDER CERTAIN CONDITIONS THEY REACT TO EXPOSURE TO SUNLIGHT AND PRODUCE PHOTO-CHEMICAL SMOG.

WHILE CARBON MONOXIDE DOES NOT REACT IN THE SAME WAY AS HYDROCARBONS, IT IS HIGHLY TOXIC

AND HARMFUL. Moto Guzzi USES A CARBURETTOR ADJUSTMENT SET TO A "LEAN" MIXTURE AND OTHER SYSTEMS TO REDUCE THE PRODUCTION OF CARBON MONOXIDE AND HYDROCARBONS.

Tampering

It is forbidden to tamper the noise control system. The following actions are prohibited by federal law:

a) The removal and any action, by anyone, aimed at rendering inoperative, except for maintenance, repair or replacement, any device or design element incorporated in all new vehicles, in order to control the noise emission before sale or delivery of the vehicle to the final purchaser or while it is being used,

or

b) the use of the vehicle after this device or design element has been removed or rendered inoperative by any person.

These tampering actions also include the actions listed below:

a) Removal or perforation of the silencer, deflectors, manifold pipes or any other component for conveying the exhaust gases.

b) Disassembly or perforation of any component of the intake system.

c) Insufficient proper maintenance.

d) Replacement of any moving part of the vehicle or parts of the intake or exhaust system with parts other than those specified by the manufacturer.

e) Removal of decals or warning labels regarding emissions or safe vehicle operation. **ANY DAMAGE RESULTING FROM THE REMOVAL OF THE DECALS AND/OR THE WARNING LABELS WILL NOT BE COVERED BY THE TERMS OF THE Moto Guzzi LIMITED WARRANTY FOR NEW VEHICLES.** Besides, many countries may refuse to grant registration of a vehicle that does not have the necessary emission and/or safety warning labels if these are not regularly attached to the vehicle. The vehicle owner must consider that **Piaggio Group Americas, Inc. / Moto Guzzi USA** will not recognise any warranty if the vehicle or any of its components is damaged or defective due to negligence, improper maintenance, unauthorized modifications, use in organised or non-organised competitions or in events such as Track Days.

WARNING



THIS PRODUCT SHOULD BE REPAIRED OR REPLACED IF THE NOISE FROM THE VEHICLE INCREASES SIGNIFICANTLY DURING USE. OTHERWISE, THERE WILL BE SANCTIONS IMPOSED AGAINST THE OWNER IN ACCORDANCE WITH STATE OR LOCAL LAWS.

Problems affecting emissions

If one of the following symptoms are experienced, have the vehicle checked and repaired immediately by your local **Moto Guzzi** dealer.

Symptoms:

- Difficulty starting, or stalling the engine after starting.
- Unstable idle speed.
- Ignition problems, misfire during acceleration. Pre-ignition/pinking
- Manoeuvring difficulties.
- Poor engine performance, reduced handling or excessive fuel consumption.

Positioning of warning labels



Label key

Plate 1

- Plate only on the America version vehicle.

<input type="checkbox"/> MFD BY MOTO GUZZI DIVISION OF PIAGGIO & C. S.p.A. <input type="checkbox"/> VIN: _____ <input type="checkbox"/> TYPE: MOTORCYCLE	<input type="checkbox"/> GWR: ??? KG (??? LB) <input type="checkbox"/> GAWR: F: ??? KG (??? LB) WITH ?????? - ??? TIRE AND 1.?? x ?? MT DOT RIM AT ??? KPA (?? PSI) COLD <input type="checkbox"/> GAWR: R: ??? KG (?? LB) WITH ?????? - ??? TIRES AND 1.?? x ?? MT DOT RIM or ?????? - ??? TIRE AND 1.?? x ?? MT DOT RIM AT ??? KPA (?? PSI)
--	--

USA

- Plate only on the Canada version vehicle.

<input type="checkbox"/> MFD BY / FABRIQUE PAR: _____ <input type="checkbox"/> VIN / NIV: _____ <input type="checkbox"/> TYPE: MC	<input type="checkbox"/> MOTO GUZZI DIVISION OF PIAGGIO & C. S.p.A. <input type="checkbox"/> -???-
---	---

CDN

License plate 2

HOSE ROUTING DIAGRAM EVAP FAMILY: ?????????????? MOTO GUZZI DIVISION OF PIAGGIO & C. S.p.A. -???-
CARBON CANISTER SCHEME

The plate is attached under the saddle

License plate 3

⚠ WARNING!

Do not use any tire other than those recommended and approved by Moto Guzzi. Maintain proper tire inflation. Do not use any tire with less than 1/8" (3mm) tread remaining. Do not repair any tire, nor use a repaired tire. Do not ride your motorcycle overloaded or with an unbalanced load. Failure to follow these warnings can lead to an accident and serious injuries or death. See owner's manual.

-???- MOTO GUZZI

Tires pressure kPa - (psi)		Front tire	
Front	Rear	Front	Rear
???	???	?????	?????
???	???	?????	?????
(??)	(??)	?????	?????
TIRE SIZES		Rear tire	
		???	???
		?????	?????
		?????	?????
		(??)	(??)

⚠ WARNING!

Contain sulfuric acid which can cause severe injuries. Avoid contact with skin, eyes or clothing. Antidote: **EXTERNAL** - Flush with water. **INTERNAL** - Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or veg. oil. Call physician immediately. Eyes: Flush with water for 15 minutes and get prompt medical attention. **KEEP OUT OF REACH OF CHILDREN.** Batteries produce explosive gases. Keep sparks, flames, cigarettes away. Charge only in well-ventilated space. Always wear protective goggles when working around batteries. Always connect the battery vent tube. Failure to heed this warning will cause corrosion of the electrical system.

License plate 7

OBJECTS IN MIRROR ARE CLOSER THAN THEY APPEAR.

VEHICLE EMISSION CONTROL INFORMATION

ENGINE DISPLACEMENT: ??? cc
 ENGINE FAMILY: ??????????
 PERMEATION FAMILY: ??????????????
 THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO ????? MODEL YEAR NEW MOTORCYCLES AND IS CERTIFIED TO ?? HC+NOx G/IKM ENGINE FAMILY EXHAUST EMISSION STANDARD.
 ENGINE EXHAUST CONTROL SYSTEM: ?????

ENGINE TUNE UP SPECIFICATIONS
 IGNITION TIMING: ??° ± ?° AT ????? RPM
 IDLE SPEED: ????? ± ??? RPM IN NEUTRAL
 VALVE CLEARANCE: INLET ?.????±.??? inch (?..??±.?? mm)
 OUTLET ?.????±.??? inch (?..??±.?? mm)
 SPARK PLUG: ??????
 FUEL: MINIMUM OCTANE RATING (M+R)/2 METHOD 90
 OIL: ENGINE OIL VISCOSITY SAE ???-??

-???-

MOTO GUZZI DIVISION OF PIAGGIO & C. S.p.A.
 V. le Rinaldo Piaggio, 25
 56025 Pontedera (PI) ITALY

MOTO GUZZI

PIAGGIO GROUP AMERICAS, Inc.

License plate 4

⚠ WARNING!

DO NOT ALLOW KEY CHAIN AND ANY OTHER ITEM TO FALL BETWEEN THE STEERING HEAD AND THE BODY OF MOTORCYCLE. THIS CAN CAUSE LOSS OF CONTROL.

The plate is attached under the saddle

License plate 5

⚠ WARNING!

Never install accessories or replacement parts not approved by Moto Guzzi as original equipment. This can degrade the handling and safety of your motorcycle, and can cause an upset with subsequent accident and serious injury or even death. The stability and safety of any motorcycle is adversely affected by the addition of any load carrying accessory. See owner's manual.

Plate 8

MOTORCYCLE NOISE EMISSION CONTROL INFORMATION

THIS 2024 GZMUGU1042 MOTORCYCLE, ZGU1050 MEETS EPA NOISE EMISSION REQUIREMENTS OF 80 dBA AT 4785 closing r.p.m. BY FEDERAL TEST PROCEDURE. MODIFICATIONS WHICH CAUSE THIS MOTORCYCLE TO EXCEED FEDERAL NOISE STANDARDS ARE PROHIBITED BY FEDERAL LAW. SEE OWNER'S MANUAL.

(code: 2G000890) MOTO GUZZI

License plate 10

PIAGGIO & C. S.p.A.
 Type: KW

E11 ??R-???????

 ??R-???????

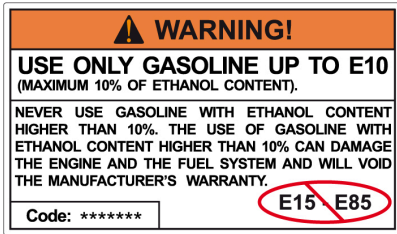
(code: ?????????)

License plate 11

License plate 6

The plate is attached under the saddle

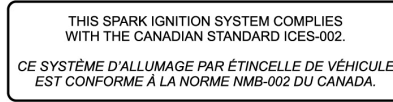
License plate 9



License plate 12

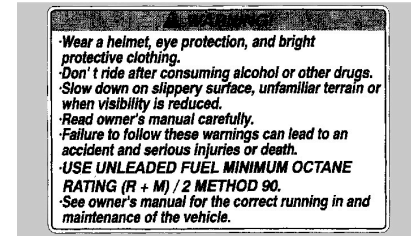
Evaporative emission control system

- Plate only on the Canada version vehicle.

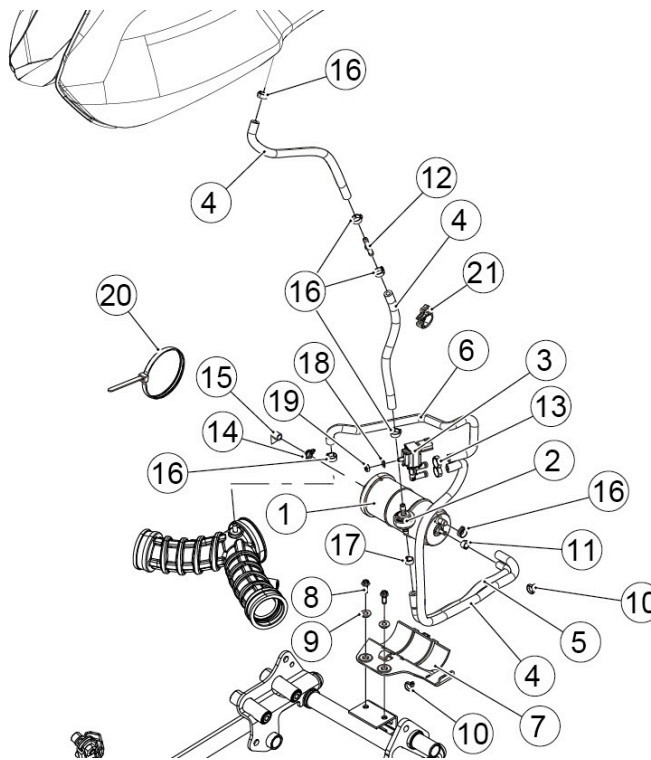


CDN

License plate 13



The plate is attached to the fuel tank



Key:

- 1 . Canister
- 2 . Safety valve
- 3 . Solenoid valve
- 4 . Pipe

- 5 . SAE 30 R112A-3/16 " pipe
- 6 . Fuel vapor pipe
- 7 . Canister support
- 8 . M6x16 Flanged hex cap screw
- 9 . Bushing d.10-h.3.5
- 10 . Clamp 3.6x20.6
- 11 . Pipe clamp

- 12 . Joint
- 13 . White snap-on clamp diam.13x6
- 14 . Pipe clamp
- 15 . Ventilation pipette
- 16 . Clamp 12.5x8
- 17 . Clamp
- 18 . Curved spring washer

19 .M6 hex nut

20 .Clamp 7,6x380

21 .Pipes/cables retainer clamp

EMISSION CONTROL SYSTEM WARRANTY STATEMENT - WARRANTY RIGHTS AND OBLIGATIONS

Model Year 2026

The United States Environmental Protection Agency, the California Air Resources Board and **Moto Guzzi Division of Piaggio & C. S.p.A.** (hereinafter **Moto Guzzi**) are pleased to explain the emission control system warranty on your motorcycle. In California, new motor vehicles must be designed, built and equipped to meet the stringent anti-smog standards issued by the State. **Moto Guzzi** must warrant the emission control system on your motorcycle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your motorcycle.

Your emission control system may include parts such as the carburettor or fuel injection system, the ignition system, catalytic converter and engine computer. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, **Moto Guzzi** will repair your motorcycle at no cost to you, including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE

Class I-A motorcycles (0-49 cc): for a period of use of five (5) years or 6,000 kilometers (3,750 miles), whichever first occurs.

Class I-B motorcycles (50-169 cc): for a period of use of five (5) years or 12,000 kilometers (7,456 miles), whichever first occurs.

Class II motorcycles (170-279 cc): for a period of use of five (5) years or 18,000 kilometers (11,185 miles), whichever first occurs.

Class III motorcycles (280 cc and larger): for a period of use of five (5) years or 30,000 kilometers (18,641 miles), whichever first occurs.

If an emission-related part on your motorcycle is defective, the part will be repaired or replaced by **Moto Guzzi**. This is your emission control system DEFECTS WARRANTY.

Moto Guzzi - Limited Warranty on Emission Control System

Moto Guzzi warrants that each new motorcycle, that includes as standard equipment a headlight, taillight and stoplight, and is street legal:

A. is designed, built and equipped so as to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency, and the California Air Resources Board; and

B. is free from defects in materials and workmanship which cause such motorcycle to fail to conform with applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for a period of use, depending on the engine displacement, 6,000 kilometers (3,750 miles), if the motorcycle's engine displacement is less than 50 cubic centimeters, of 12,000 kilometers (7,456 miles), if the motorcycle's engine displacement is equal to or greater than 50 cubic centimeters but less than 170 cubic centimeters; of 18,000 kilometers (11,185 miles), if the motorcycle's engine displacement is equal to or greater than 170 cubic centimeters but less than 280 cubic centimeters; or of 30,000 kilometers (18,641 miles), if the motorcycle's engine displacement is 280 cubic centimeters or greater; or 5 (five) years from the date of initial retail delivery, whichever first occurs.

OWNER'S WARRANTY RESPONSIBILITIES

- As the motorcycle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. **Moto Guzzi** recommends that you retain all receipts covering maintenance on your motorcycle, but **Moto Guzzi** cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

- You are responsible for presenting your motorcycle to a **Moto Guzzi** dealer as

soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

- As the motorcycle owner, you should be aware that Moto Guzzi may deny your warranty coverage if your motorcycle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact **Piaggio Group Americas, Inc.**, 860 Washington Street, 9th Floor, New York, NY 10014 (phone: (212) 380 4400) (email: customercare@us.piaggio.com), or the **U.S. Environmental Protection Agency**, 2000 Traverwood Ann Arbor, MI 48105, or the **California Air Resources Board**, 4001 Iowa Avenue, Riverside, CA 92507.

I - COVERAGE

Warranty defects shall be remedied during customary business hours at any authorized **Moto Guzzi** motorcycle dealer located within the United States of America in compliance with the Clean Air Act and applicable regulations of the United States Environmental Protection Agency and the California Air Resources Board. Any part or parts replaced under this warranty shall become the property of **Moto Guzzi**.

In the State of California only, emission related warranted parts are explicitly defined by the state's Emissions Warranty

Parts List. These warranted parts are: carburetor and internal parts; intake manifold; fuel tank; fuel injection system; spark advance mechanism; crankcase breather; air cutoff valves; fuel tank cap for evaporative emission controlled vehicles; oil filler cap; pressure control valve; fuel/vapor separator; canister; igniters; breaker governors; ignition coils; ignition wires; ignition points; condensers, and spark plugs if failure occurs prior to the first scheduled replacement; and hoses, clamps, fittings and tubing used directly in these parts. Since emission related parts may vary from model to model, certain models may not contain all of these parts and certain models may contain functionally equivalent parts.

In the state of California only, emergency repairs to the Emission Control System, as provided in the applicable state Administrative Code, may be performed by NON-authorized **Aprilia** dealers. An emergency situation exists when an **Aprilia** dealer is not reasonably available, a part is not available within 30 days, or a repair is not completed within 30 days. Any replacement part can be used in an emergency repair. **Moto Guzzi** will reimburse the owner for the expenses, including diagnosis, not to exceed **Moto Guzzi's** suggested retail price for all warranted parts replaced and labor charges based on **Moto Guzzi's** recommended time allowance for the warranty repair and the geographically appropriate hourly labor rate. The owner may be required to keep

receipts and failed parts in order to receive compensation.

II - LIMITATIONS

This Emission Control System warranty shall **NOT** cover any of the following:

A) Repair or replacement required as a result of

1. accident,
2. misuse,
3. repairs improperly performed or replacements improperly installed,
4. use of replacement parts or accessories not conforming to **Moto Guzzi** specifications which adversely affect performance, and/or
5. use in competitive racing or related events.

B) Inspections, replacement of parts and other services and adjustments required for maintenance.

C) Any motorcycle on which the odometer mileage has been changed so that actual mileage cannot be readily determined.

III - LIMITED LIABILITY

A. The liability of **Moto Guzzi** under this Emission Control System Warranty is limited solely to the remedying of defects in material or workmanship by an authorized **Moto Guzzi** motorcycle dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the motorcycle or

transportation of the motorcycle to or from the **Moto Guzzi** dealer.

Moto Guzzi SHALL NOT BE LIABLE FOR ANY OTHER EXPENSES, LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY ARISING IN CONNECTION WITH THE SALE OR USE OF OR INABILITY TO USE THE **Moto Guzzi** MOTORCYCLE FOR ANY PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

B. NO EXPRESS EMISSION CONTROL SYSTEM WARRANTY IS GIVEN BY **Moto Guzzi** EXCEPT AS EXPLICITLY SET FORTH HEREIN. ANY EMISSION CONTROL SYSTEM WARRANTY IMPLIED BY LAW, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED TO THE EXPRESS EMISSION CONTROL SYSTEM WARRANTY TERMS STATED IN THIS WARRANTY. THE FOREGOING STATEMENTS OF WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHER REMEDIES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

C. No dealer is authorized to modify this **Moto Guzzi** Limited Emission Control System Warranty.

D. Moto Guzzi shall be liable for damages to other vehicle components proximately caused by a failure under warranty of any warranted part.

E. Any add-on or modified part exempted by the Air Resources Board from the prohibitions of Vehicle Code section 27156 may be used on a vehicle or engine. Such use, in and of itself, shall not be grounds for disallowing a warranty claim made in accordance with this article. **Moto Guzzi** shall not be liable under this article to warrant failures of warranted parts caused by the use of an add-on or modified part.

F. Except as provided in subsection (1) above, any adjustment of a component which as a factory installed, and properly operating, adjustment limiting device (such as an idle limiter cap) is eligible for warranty coverage under subsection (d) or (i).

IV - LEGAL RIGHTS

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

V - THIS WARRANTY IS IN ADDITION TO THE LIMITED WARRANTY

THIS WARRANTY IS IN ADDITION TO THE **Moto Guzzi** LIMITED MOTORCYCLE WARRANTY.

VI-ADDITIONAL INFORMATION

Any replacement part that is equivalent in performance and durability may be used in the performance of any maintenance or repairs. However, **Moto Guzzi** is not liable for these parts. The owner is responsible for the performance of all required maintenance. Such maintenance may be performed at a service establishment or by any individual.

The warranty period begins on the date the motorcycle is delivered to an ultimate purchaser.

Piaggio & C. S.p.A.

Viale Rinaldo Piaggio, 25

56025 Pontedera (PI) Italy

Telephone: 0039-0587-272111

Fax: 0039-0587-272040

Piaggio Group Americas, Inc.

860 Washington Street, 9th Floor

New York, NY 10014

U.S.A.

Phone: (212) 380 4400

Fax: 310-604-3989

email: customercare@us.piaggio.com

V7



CHAPTER 02
Vehicle

Main components distribution



2 Vehicle



Key for location of main components

1. Front headlight

- 2. Front left turn indicator
- 3. Instrument panel
- 4. Clutch lever
- 5. Left rear-view mirror

- 6. Left light switch
- 7. Fuel tank cap
- 8. Fuel tank
- 9. Left side fairing

- 10. Air filter
- 11. Saddle
- 12. Rear light
- 13. Rear left turn indicator
- 14. Rear left shock absorber
- 15. Left hand exhaust muffler
- 16. Rear brake disc
- 17. Rear tone wheel
- 18. Rear speed sensor
- 19. Rear brake calliper
- 20. Passenger left footrest
- 21. Seat lock
- 22. Side stand
- 23. Left rider footrest
- 24. Gear shift lever
- 25. Engine oil level plug

Instrument cluster

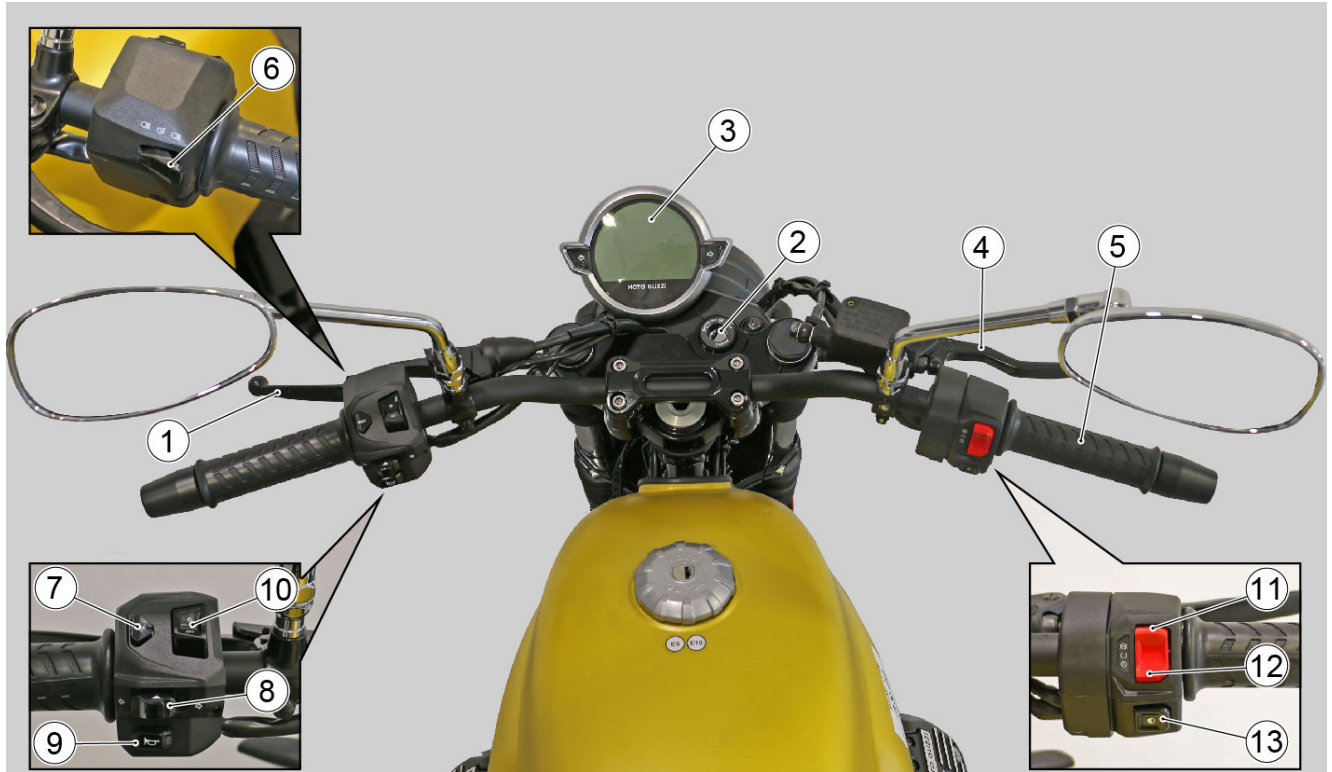
- 26. Horn
- 27. Front brake calliper
- 28. Front left hand reflector
- 29. Front fork left stem
- 30. Left hand front brake disc
- 31. Front speed sensor
- 32. Right hand front brake disc
- 33. Front tone wheel
- 34. Battery
- 35. Right side fairing
- 36. Right light switch
- 37. Right rear-view mirror
- 38. Front brake fluid reservoir
- 39. Front brake lever
- 40. Front right turn indicator
- 41. Front fork right stem

- 42. Front right hand reflector
- 43. Rear brake lever
- 44. Rear brake fluid reservoir
- 45. Right rider footrest
- 46. Right passenger footrest
- 47. Right hand exhaust muffler
- 48. Rear right shock absorber
- 49. Rear right turn indicator
- 50. Number plate light
- 51. Fuses

N.B.:



**ELECTRICAL COMPONENTS
FUNCTION ONLY WHEN THE IGNITION
KEY IS SET TO "ON"**



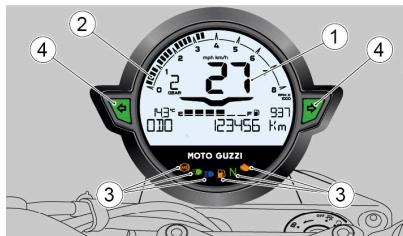
Instrument cluster - Key

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> 1 . Clutch control lever 2 . Ignition switch /steering lock 3 . Instrument panel 4 . Front brake lever | <ul style="list-style-type: none"> 5 . Throttle grip 6 . Low beam / high beam / flash high beam switch 7 . "MODE" button 8 . Turn indicator switch 9 . Audible warning device | <ul style="list-style-type: none"> 10 .Daytime running lights (DRL) / Night lights switch 11 . Engine stop switch 12 . Engine starter button 13 .Riding mode button |
|---|--|---|

Instrument panel

Key:

- 1 . Speedometer
- 2 . Rev counter
- 3 . Icons
- 4 . Indicator lamps



N.B.:



INFORMATION ON THE DIGITAL DISPLAY IS AVAILABLE IN ENGLISH ONLY. THE LANGUAGE USED CANNOT BE CHANGED.

Instrument backlight adjustment - Backlight

It is possible to adjust the instrument backlighting to three levels.

This parameter can be adjusted during the initial check by briefly pressing the "MODE" button.

Press the "MODE" button to display the following levels cyclically:

- 1 (Minimum)
- 2 (Medium)
- 3 (Maximum)

After three seconds with no input from the "MODE" button, or once the vehicle speed exceeds 5 km/h (3.11 mph), the value is stored and the display returns to trip journal mode.



Warning light unit



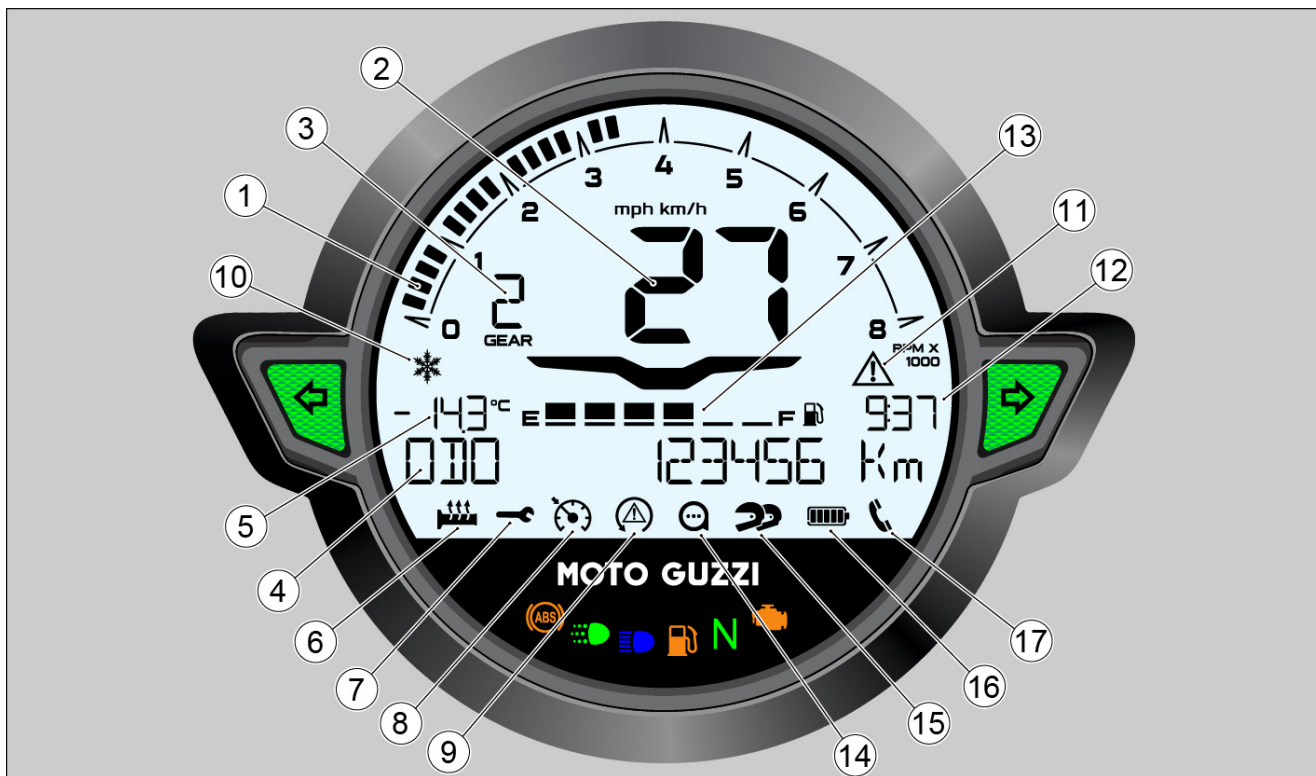
Key:

- 1 . Turn signal indicator lamp (green)
- 2 . ABS warning light (amber)
- 3 . DRL indicator light (green)
- 4 . High beam indicator lamp (blue)
- 5 . Amber low fuel warning light (yellow)
- 6 . Neutral gear warning light (green)
- 7 . MI engine alarm warning lamp (amber)

Digital display

By turning the ignition key to "ON", the system works as follows:

- it activates the entire instrument panel for three seconds (lamp check);
- the back-light is temporarily set to maximum brightness;
- switches off all lights (except the active ones) and restores the set brightness.



Digital display key

1) Engine rpm (rpm x1000);

2) Speed (speedometer) (displayed in km/h or in mph);

3) Gear selected (calculated)

4) Trip computer log or any alarms;

5) Ambient temperature (shown in °C or °F);

6) Heated handles icon (if present);

7) Service icon;

8) Icon cruise control;

9) MGCT icon;

10) Ice warning alarm (displayed at temperatures of 3°C / 37.4°F or below);

11) General alarm icon;

12) Clock (shown in 12-hour format, without AM/PM indication);

13) Fuel gauge bar (where required).

If the MIA ECU is fitted:

14) Data link with smartphone icon;

15) First and second headset connection icon;

16) Battery level of the associated smartphone icon;

17) Voice call management icon.

Warnings

Clock (Clock)

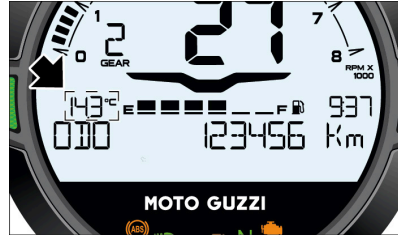
Unit of measurement for the counter: hours and minutes (hh:mm) in 12-hour format, without the AM/PM indication

- The value is stored
- The value is reset every time the battery is reconnected
- This value is displayed as shown in the figure:



Ambient temperature

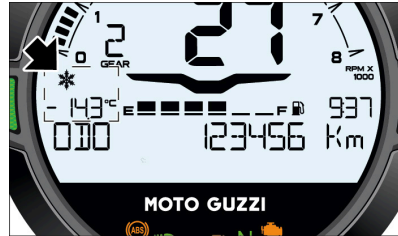
Displayed °C / °F.



Ice warning alarm

If the outside temperature is of 3°C / 37.4°F or below, the ice symbol will be displayed above the temperature value. Therefore, drive very carefully.

When this temperature rises the symbol will disappear.

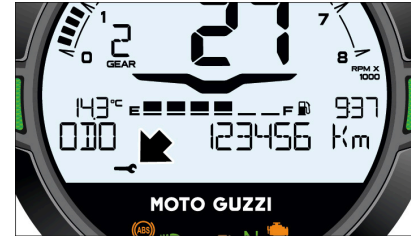


Maintenance icon

- The system displays the function as follows:

- when a maintenance interval threshold is exceeded, an icon with a spanner is shown on the display.

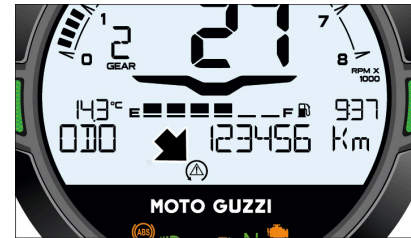
- Consult an **Official Moto Guzzi Dealer** to reset Service.



MGCT Traction control icon

When the MGCT traction control comes into operation the display will show the dedicated icon, which will flash rapidly for the duration of the system's operation. The MGCT icon will remain permanently lit if the user deactivates the system.

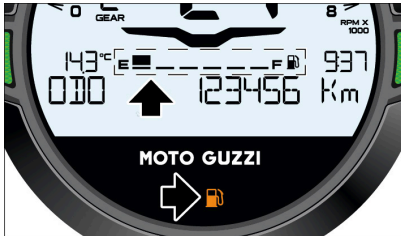
More information on the MGCT system can be found under **"MGCT System"**.



Fuel level (where required)

The tank fuel level gauge is represented on the display by a number of six bars.

When the fuel level in the tank drops and only the first mark remains lit, the reserve indicator light will come on in the instrument cluster.



THE FUEL LEVEL INDICATION CAN CHANGE DEPENDING ON THE INCLINATION OF THE MOTORCYCLE, FROM WHEN IT IS POSITIONED ON THE SIDE STAND OR DRIVING ON LONG SLOPES OR LONG DESCENTS.

Trip Fuel "Distance travelled in reserve"

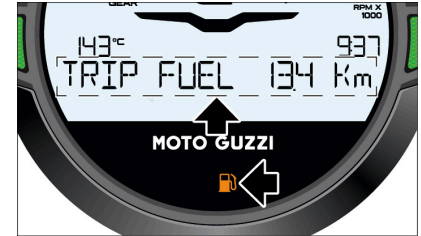
This function counts and displays the distance travelled in Km or miles with the vehicle in fuel reserve.

When the low fuel warning light turns on:

- the "TRIP FUEL" counter appears in the trip log after 2 km (1.24 mi);
- by pressing the "MODE" button, any other item of the trip log can be viewed, but after 60 sec. the log automatically returns to "TRIP FUEL".

If the ignition key is set to "ON":

- the "TRIP FUEL" counter is not displayed the first sixty seconds (reserve level sensor stabilisation). Once this period has elapsed, the "TRIP FUEL" counter is displayed automatically.
- The data is displayed as in the figure, the initial value is '0.0'.



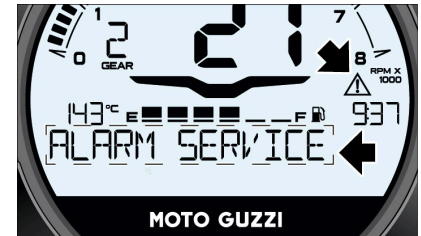
Alarms

If the instrument panel or ECU detect a fault, the digital display shows the descriptions of the alarm types and the general alarm icon lights up as well (if present).

Take your vehicle to an **Official Moto Guzzi Dealer** as soon as possible.


SERVICE ALARM

If there is a fault on the instrument panel or from the ECU, the instrument panel signals the fault by displaying the message "ALARM SERVICE" along with the general alarm icon.



URGENT SERVICE ALARM

WARNING



IF THE RESERVE FUEL WARNING LAMP FLASHES AT KEY-ON, THIS INDICATES THAT THE FUEL LEVEL SENSOR IS DISCONNECTED.

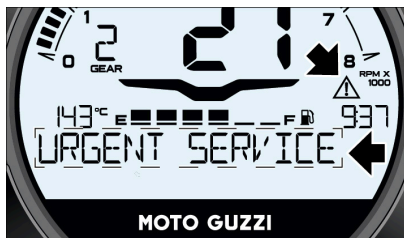
IF THE FUEL SENSORS DO NOT WORK CORRECTLY, THE BARS MAY NOT BE DISPLAYED CORRECTLY. THEREFORE CONTACT AN Official Moto Guzzi Dealer.

N.B.:

A serious fault is signalled by the flashing "URGENT SERVICE" message accompanied by the flashing general alarm icon. It will be necessary to visit an **Official Moto Guzzi Dealer** as soon as possible.

In these cases the ECU activates a safety procedure limiting vehicle performance in order to allow the rider to go to an **Official Moto Guzzi Dealer** at a reduced speed.

Depending on the type of failure, performance can be limited in three ways: a) by reducing the maximum torque produced; b) by keeping the engine at idle speed but slightly accelerated (during this operation, the throttle control is disabled); c) the engine rpm is steady at around 3000 rpm; Under these conditions the throttle control provides limited management of the torque.



N.B.:

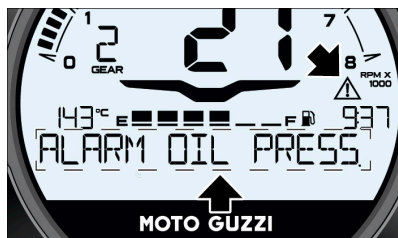


THE PRESENCE OF THE "URGENT SERVICE" ERROR ON THE DIGITAL

DISPLAY AND ACCOMPANIED BY THE FLASHING OF THE FOUR ARROWS TO WARN THE VEHICLES FOLLOWING OF A POSSIBLE DANGEROUS SITUATION, UNTIL THE TURN INDICATOR IS ACTIVATED TO ALLOW THE DRIVER TO PULL OVER .

Oil pressure fault

If a fault is detected with the oil pressure, the digital display shows "ALARM OIL PRESSURE" together with the flashing general alarm icon.



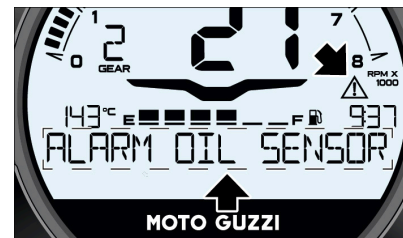
WARNING



STOP THE VEHICLE AND CONTACT AN Approved Moto Guzzi dealer AS SOON AS POSSIBLE.

Oil sensor fault

If a fault is detected at the oil pressure sensor, the digital display shows the "ALARM OIL SENSOR" text and the general warning icon.



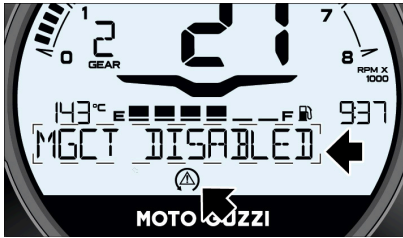
WARNING



TAKE YOUR VEHICLE TO AN Official Moto Guzzi Dealer AS SOON AS POSSIBLE.


MGCT disabled alarm

The **MGCT Traction Control** disable alarm appears if the control is disabled voluntarily by the user or if a problem occurs that causes the system to be disabled. The display indicates the fault by displaying 'MGCT DISABLED' and the MGCT icon.



In case the system is switched off due to a problem:

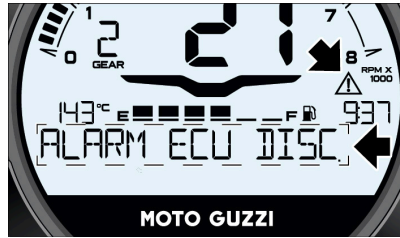
WARNING



DRIVE CAREFULLY AND CONTACT AN Official Moto Guzzi Dealer AS SOON AS POSSIBLE.

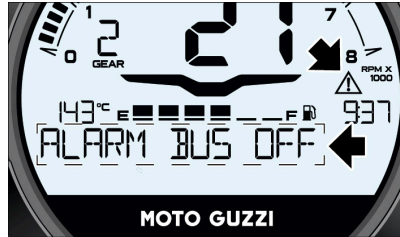
ELECTRONIC CONTROL UNIT DISCONNECTED ALARM

If no connection is detected, the instrument panel indicates this anomaly by displaying the "ALARM ECU DISC" text and the general warning icon.




CAN line data transmission alarm

If no data transmission from the CAN line is detected, the instrument panel indicates this fault by showing the "ALARM BUS OFF" text and the general warning icon..



WARNING

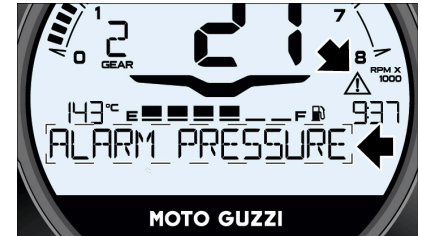


DRIVE CAREFULLY AND CONTACT AN Official Moto Guzzi Dealer AS SOON AS POSSIBLE.

Tyre pressure alarm (if provided)

If one or both tyres have incorrect inflation pressures, the "ALARM PRESSURE" alarm will appear on the display together with the general warning icon.

Drive carefully and restore the correct tyre pressure as soon as possible.

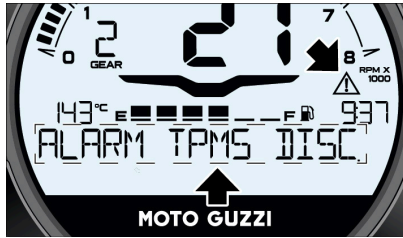


For the display of inflation pressures, please refer to the "Control buttons" section.

TPMS control unit disconnected alarm (if provided)

If the vehicle is no longer receiving signals from the TPMS (Tire Pressure Management System) control unit, the dashboard will display the alarm "ALARM TPMS DISC" together with the general warning icon.

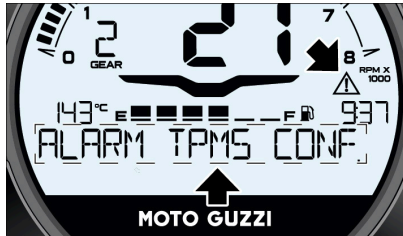
No tyre status information will be displayed until the fault is resolved and communication between the vehicle control unit and the TPMS control unit is restored.



TPMS control unit configuration alarm (if provided)

The "ALARM TPMS CONF" together with the general warning icon indicate that the TPMS control unit must be configured by an **Official Moto Guzzi Dealer** in order to communicate with the vehicle's control unit.

As long as this error is present, it will not be possible to display information regarding the state of the tyres.



Vehicle configuration alarm

In the event that the vehicle's ECU loses its configuration data, the dashboard will display the "CONFIG. ERROR" alarm to

indicate that it needs to be reconfigured by an **Official Moto Guzzi Dealer**.



mapping selection

The engine management control unit provides 2 different "riding modes" for the **V7 Stone** and **V7 Special** displayed as follows in the trip log:

- ROAD
- RAIN

For **V7 Sport** the engine control unit has 3 different selectable "riding modes":

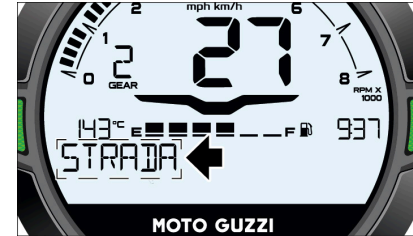
- ROAD
- RAIN
- SPORT

The **ROAD** mode is designed for urban use. Power and torque delivery is progressive, the engine brake and traction control are set at an intermediate level.

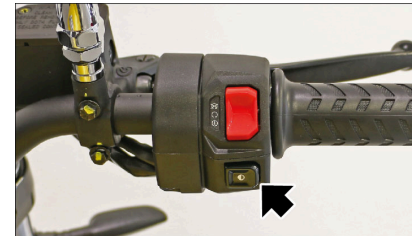
RAIN mode is designed for use on surfaces with poor grip. Power and torque delivery is even more progressive and linear than in ROAD mode, and the engine brake

and traction control are set at maximum intervention level.

The **SPORT** mode is designed for a more dynamic use of the vehicle. The throttle response is rapid with aggressive delivery, engine braking and traction control are minimally invasive.



The riding modes are selected with the dedicated button on the right-hand light switch. A short press of this button allows you to change Riding Mode by rotating through one of the available riding modes depending on the vehicle. The riding modes can also be selected while driving.



Electronic controls of the vehicle

The vehicle is equipped with an advanced integrated electronic control system that helps improving the performance and the rider's safety.

The system consists of:

ABS: Anti-Lock Braking System;

MGCT: Moto Guzzi Traction Control;

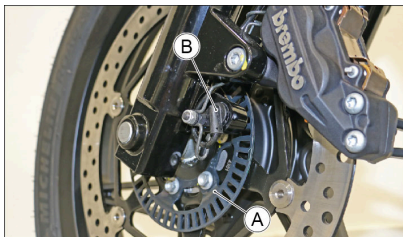
TPMS: Tire Pressure Measurement System (where applicable)

ABS - Anti-lock Braking System

The ABS is a hydraulic/electronic device that reduces pressure in the braking circuit when a sensor placed on the wheels detects a tendency to lock by increasing vehicle stability during braking more than a conventional braking system and reduce the risk of falling.

A: Tone wheel

B: Speed sensor



N.B.:



WHEN THE ABS STARTS WORKING, A PULSING IS FELT ON THE BRAKE LEVER.

The ABS system improves vehicle control provided that the physical limits of vehicle grip on the road are not exceeded. The rider is fully responsible for riding at a suitable speed based on weather and road conditions, always leaving an appropriate safety margin.

Under no circumstances can the ABS system compensate for the rider's misjudgement or improper use of brakes. The rider is fully responsible for riding at a suitable speed based on weather and road conditions, always leaving an appropriate safety margin.

The safety provided by the ABS does not, in any case, justify risky manoeuvres. The stopping distance may be greater, compared to a conventional vehicle equipped with traditional braking in the following conditions:

- Riding on rough roads, with gravel or snow
- Riding on roads with holes or bumps

It is therefore recommended to reduce speed in these conditions.

CAUTION



THE ANTI-LOCK BRAKING SYSTEM OF THE WHEEL DOES NOT PREVENT FALLS WHILE CORNERING.

AN EMERGENCY BRAKING WITH THE VEHICLE INCLINED, HANDLEBAR TURNED, ON UNEVEN OR SLIPPERY ROADS, OR WITH POOR GRIP, CREATES A LACK OF STABILITY DIFFICULT TO HANDLE. RIDE CAREFULLY AND SENSIBLY AND ALWAYS BRAKE GRADUALLY.

DO NOT SPEED RECKLESSLY. THE VEHICLE GRIP ON THE ROAD IS SUBJECT TO LAWS OF PHYSICS WHICH NOT EVEN THE ABS SYSTEM CAN ELIMINATE.

On Moto Guzzi **V7 Stone** and **V7 Special** there is a classic ABS system, while on Moto Guzzi **V7 Sport** there is a **ABS CORNERING** system.

The ABS with CORNERING is a device, using the 6-axis IMU inertial platform, to avoid the wheels locking in case of emergency braking also when cornering, thus increasing vehicle stability when braking when compared with a traditional braking system.

The CORNERING mode takes into account the motorcycle's lean angle, so as to maximise efficiency without endangering the rider.

When the vehicle is started, after the initial instrument panel check cycle, the ABS warning lamp flashes until the vehicle reaches a speed of 3.1 mph (5 km/h), after which it goes out.



If the ABS warning lamp lights steadily or continues to flash even after exceeding a speed of 5 km/h (3.1 mph), this means that a fault has been detected and that the ABS system has been disabled.

In this case carry out the following operations:

- stop the vehicle;
- OFF-ON key;
- ride over 5 km/h (3.1 mph): the ABS warning light must be turned off;
- ABS is functioning.

If the ABS disabled indication remains:

N.B.:



IF THIS OCCURS, CONTACT AN OFFICIAL Moto Guzzi dealer.

In case of failure of the ABS system (both classic and cornering), immediately reported to the rider with fixed ABS warning light on the instrument panel, the vehicle retains the characteristics of a conventional braking system.

In case of ABS warning light, reduce speed and go to an **Authorised Moto Guzzi Service Centre** for the appropriate checks.

CAUTION



IF THE ABS WARNING LIGHT FLASHES MORE FREQUENTLY THAN THAT OF THE INITIAL CHECK, IT MEANS THAT THERE IS A PROBLEM WITH THE IMU INERTIAL PLATFORM, WHICH WILL NOT PROVIDE INFORMATION TO THE VEHICLE CONTROL SYSTEMS.

IN THIS CASE THE MGCT AND ABS CORNERING CONTROL IS DEACTIVATED, THEREFORE RIDING THE VEHICLE WILL BE EXTREMELY DANGEROUS. DRIVE WITH THE MAXIMUM CAUTION AND CONTACT AN official Moto Guzzi dealer.

N.B.:



IN THE EVENT OF A PROLONGED ROTATION OF THE REAR WHEEL WITH THE FRONT WHEEL LOCKED (BURNOUT, MOTORCYCLE PLACED ON THE CENTRAL STAND, ETC.) THE SYSTEM CAN BE AUTOMATICALLY DEACTIVATED WHEN THE ABS AND THE MGCT ABD ABS INDICATORS ARE SWITCHED ON STEADY. TO REACTIVATE, TURN THE IGNITION SWITCH OFF AND THEN ON AGAIN AND SELECT THE REQUIRED SETTING.

CAUTION



THE SAFETY PROVIDED BY THE ABS DOES NOT, IN ANY CASE, JUSTIFY RISKY MANOEUVRES. EVEN THOUGH THE ABS SYSTEM ENSURES GREATER VEHICLE CONTROL IN THE EVENT OF EMERGENCY BRAKING, ALWAYS OBSERVE THE CORRECT MINIMUM SAFETY DISTANCE FROM THE VEHICLE IN FRONT OF YOU.

CAUTION



THE ABS SYSTEM USES SIGNALS RECEIVED FROM THE TWO TONE WHEELS (FRONT AND REAR) TO CONTROL THE PRESSURE APPLIED TO BOTH BRAKES. IT IS IMPORTANT TO ALWAYS CHECK THAT THE TONE WHEEL IS IN PERFECT CONDITION, AND PERIODICALLY CHECK THAT THE DISTANCE FROM THE SENSOR IS CONSTANT OVER THE ENTIRE 360 DEGREES.

WHEN REMOVING AND REFITTING THE FRONT WHEEL, IT IS VERY IMPORTANT TO ENSURE THAT THE GAP BETWEEN THE TONE WHEEL AND THE SENSOR AND THE PARALLEL ALIGNMENT BETWEEN THE TWO COMPONENTS ARE AS SPECIFIED. FOR CHECKING AND ADJUSTMENT, CONTACT AN Authorised Moto Guzzi Garage.

CAUTION



WHERE THE MOTORCYCLE HAS AN ABS SYSTEM, NON-APPROVED BRAKE PADS AND TYRES COMPROMISE SMOOTH BRAKING, DRASTICALLY REDUCING DRIVING SAFETY.

N.B.:



HAVING A SIGNIFICANT ACCURACY OF READING THE TONE WHEELS, THE SYSTEM'S SENSORS MAY GENERATE AN INDICATION OF SPEED OF SOME km/h (mi) ON THE DIGITAL DISPLAY WHEN THE MOTORCYCLE IS STOPPED AND THE ENGINE IS RUNNING.

SUCH BEHAVIOUR IS TO BE CONSIDERED NORMAL AND DOES NOT CREATE MALFUNCTIONS IN THE SYSTEM.

MGCT - Moto Guzzi Traction Control

The MGCT system is a device that helps the rider during acceleration in manoeuvres with the aim to increase the stability of the vehicle, especially on slippery surfaces or in conditions that can cause sudden slippage of the rear wheel.

In these situations, the MGCT automatically intervenes by reducing engine output within the limit imposed by the grip conditions, contributing significantly to the maintenance of stability of the vehicle.

The rider is entirely responsible for riding at an appropriate speed in relation to the weather, road conditions, vehicle load and state of the tyres, and allowing for an adequate margin of safety, taking into

consideration that the physical limits of vehicle grip on the road never have to be exceeded. Under no circumstances can MGCT compensate for any rider error or improper use of the throttle.

The Moto Guzzi **V7 Sport** is equipped with the MGCT CORNERING system, which also intervenes optimally during cornering, thus controlling skidding even in this driving phase.

This is made possible by the 6-axis IMU inertial platform, which provides the ECU with precise information concerning the inclination of the motorcycle.

WARNING



THE MGCT SYSTEM DOES NOT PREVENT FALLING IN TURNS.

ACCELERATING SUDDENLY WHILE THE VEHICLE IS INCLINED OR WITH THE HANDLEBARS TURNED WILL PUT THE VEHICLE IN AN UNSTABLE STATE THAT IS EXTREMELY DIFFICULT TO RECTIFY.

DO NOT SPEED RECKLESSLY. LIMITS OF GRIP ARE DETERMINED BY LAWS OF PHYSICS, WHICH EVEN THE MGCT SYSTEM CANNOT OVERCOME.

CAUTION



THE OPERATING PRINCIPLE OF THE MGCT SYSTEM IS BASED ON DETERMINING THE DIFFERENCE IN SPEED BETWEEN THE FRONT AND REAR WHEELS. IN ORDER FOR THE SYSTEM TO MAINTAIN MAXIMUM EFFICIENCY IN ALL CONDITIONS, THE CALIBRATION PROCEDURE MUST BE PERFORMED EVERY TIME, EVEN IN CASE OF REPLACEMENT OF JUST ONE TYRE.

FOR THE CALIBRATION OF THE CONTROL UNIT PERFORM THE PROCEDURE BELOW

When the vehicle is started, after the initial instrument panel check cycle, the MGCT symbol flashes until the vehicle reaches a speed of 3.1 mph (5 km/h), after which it goes out.



CAUTION



IN CASE OF ABSENCE OF FLASHING AT START-UP, THE SYSTEM MAY NOT WORKING, PLEASE CONTACT AN AUTHORISED SERVICE CENTRE.

ASR icon flashing mode:

- Off with the vehicle in gear:: the system is working, but is not active (normal condition).

- Flashing quickly with moving vehicle: The system is functioning correctly and is active (poor grip conditions, engine power limiting in effect); ride with extreme care, as the grip limit has been exceeded; restore the vehicle safety conditions by gently reducing the throttle opening.

- Lit with moving vehicle: the system is disabled and will not intervene in case of loss of grip.

- If the deactivation was voluntary, it is highly advisable to reactivate the system as soon as possible.
- If the deactivation was NOT voluntary, there is an MGCT system failure: in this case you must contact an **Authorised Service Centre** for the diagnosis and the reactivation of the system.

CAUTION



IN THE EVENT OF MALFUNCTION OF THE BATTERY, THE ABS - MGCT SYSTEM TURNS OFF.

To ensure maximum safety of the vehicle it is advisable to keep the system active. Deactivation may only be necessary if starting on very low grip surfaces (mud, snow, gravel) on which intervention of the MGCT could prevent the vehicle from moving.

MGCT traction control is designed to intervene according to the Riding mode in use, it is therefore **NOT** possible to adjust its intervention level but it is possible to deactivate it (OFF state) as shown below.

MGCT system deactivation

With the vehicle at ZERO speed, a long press on the Riding mode button deactivates the Traction Control (OFF state). "MGCT DISABLED" and the MGCT icon will appear in the trip log until the system is reactivated. To reactivate Traction Control press the Riding mode button again or turn the ignition OFF and then ON again.



CAUTION

IT IS EMPHASISED THAT THE RIDING AUXILIARY SYSTEM CAN NOT CHANGE THE PHYSICAL LIMITS OF GRIP AND IS NOT A SUBSTITUTE FOR PROPER MANAGEMENT OF POWER, BOTH ON STRAIGHT STRETCHES AND IN TURNS. THEREFORE, IT IS RECOMMENDED TO ALWAYS USE THE VEHICLE WITH THE UTMOST CARE AND IN ACCORDANCE WITH THE REGULATIONS IN FORCE.

WHEN GOING OVER ROAD JOINTS, RAILS AND/OR ROADS FULL OF POTHOLES, BRIEF ACTIVATION OF THE MGCT SYSTEM MAY OCCUR. THIS OCCURS UNDER NORMAL OPERATING CONDITIONS OF THE VEHICLE.

CAUTION

A POOR STATE OF MAINTENANCE OF THE TYRES (PRESSURE TOO LOW OR FLAT TYRES/WEAR) CAN RESULT IN ABNORMAL OPERATION OF THE MGCT SYSTEM.

IN CASE OF REPEATED INTERVENTIONS OF THE MGCT

SYSTEM, EVEN ON ROAD SURFACES WITH GOOD GRIP OR SMALL THROTTLE OPENINGS, IT IS NECESSARY TO CHECK FOR WEAR AND/OR THE STATE OF INFLATION OF TYRES FIRST. IF THE PROBLEM PERSISTS, DEACTIVATE THE MGCT SYSTEM AND CONTACT AN AUTHORIZED SERVICE CENTRE.

MGCT SYSTEM CALIBRATION PROCEDURE

N.B.:



THE CALIBRATION OPERATION IS USED TO OPTIMISE THE MGCT FUNCTION IN CASE OF A CHANGE IN TYRE TYPE.

IF TYRES OTHER THAN THOSE INDICATED IN THIS USE AND MAINTENANCE BOOKLET ARE USED, TO OBTAIN THE SAME PERFORMANCE FROM THE MGCT SYSTEM THE SETTING LEVELS OF THE SYSTEM ITSELF MAY NEED TO BE MODIFIED.

CAUTION

IF NECESSARY, CONTACT AN AUTHORISED SERVICE CENTRE.

In order to maintain the effectiveness of the MGCT system following the replacement of one or both tyres or in the case of serious wear, causing a non-compliant behaviour of the MGCT, a calibration procedure of the system must be performed as follows on a straight flat stretch of road.

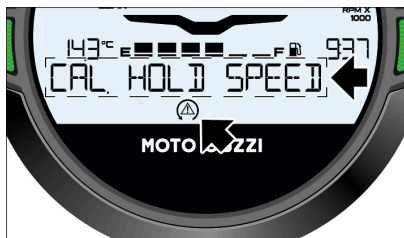
Check that the tyres are inflated to the correct pressure before calibrating the MGCT system.

Start the engine and, with vehicle speed at ZERO, press the start button for more than 4 seconds.

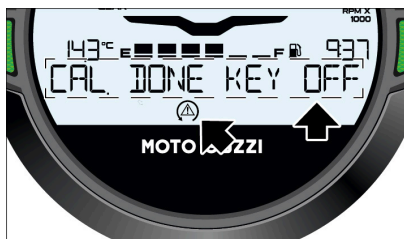
In the trip log of the digital display the following words will appear "CAL. SPEED NOT OK".



Now drive for about 10 seconds on a flat, straight stretch of road in second gear at a speed of 40 +/- 2 km/h (24.85 +/- 1.24 mph) until a message appears in the digital display with the words "CAL. HOLD SPEED".



If calibration is completed successfully, the message 'CAL. DONE KEY OFF' will be shown. Then stop the vehicle and turn the key to "OFF" for **AT LEAST 60 seconds** to allow the vehicle control unit to store the calibration.



N.B.:



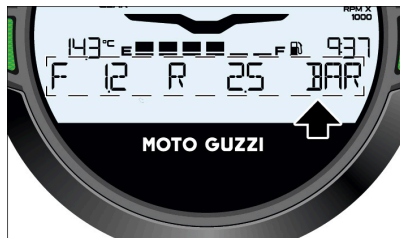
TURN THE IGNITION SWITCH OFF TO ABORT THE CALIBRATION PROCEDURE.

DURING CALIBRATION, MGCT IS AUTOMATICALLY DEACTIVATED (IF PREVIOUSLY ACTIVATED).

TPMS - Tire Pressure Measurement System (where applicable)

The vehicle is equipped with TPMS sensors (Tyre Pressure Measurement System) located on the inside of the rims near the inflation valves; they communicate the tyre pressure to the digital display via radio frequency.

In the digital display it is therefore possible to consult the reference values and view any warning messages. For the display of inflation pressures, please refer to the "Control buttons" section.



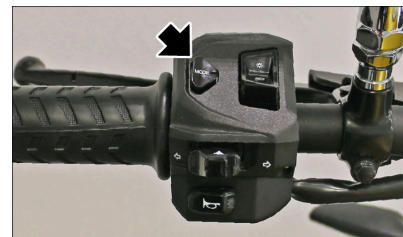
When replacing tires, pay close attention to the following information:

- The bead breaking of the tyre must take place at a distance of at least 90° from the inflation valve.
- The positioning of the levers for the removal of the tyre must be at a distance

of at least 10 cm (3.93 in) from the inflation valve.

Control buttons

- Press the "MODE" button quickly and release to scroll between the menu options.
- Press the "MODE" button and hold it down to reset the trip journal parameter or confirm the selected parameter.



By briefly pressing the "MODE" button, the following information can be displayed cyclically in the trip log of the digital display:

- 1) TOTAL ODOMETER (ODOMETER)
- 2) TRIP ODOMETER (TRIP / TRIP D)
- 3) RIDING TIME (TIME)
- 4) AVERAGE SPEED (AVERAGE)
- 5) AVERAGE FUEL CONSUMPTION (AVG FUEL)
- 6) CURRENT FUEL CONSUMPTION (FUEL)
- 7) RIDING MODE

- 8) TPMS (if provided)
- 9) HEATED HANDLES (where required)
- 10) MENU

1) Total odometer (Odometer)

Unit of measurement for the counter: Km or Miles.

- This value is stored permanently.
- It cannot be reset.
- Once the value reaches "999999", it can no longer be reset to zero.
- The total odometer mode is as shown in the figure:



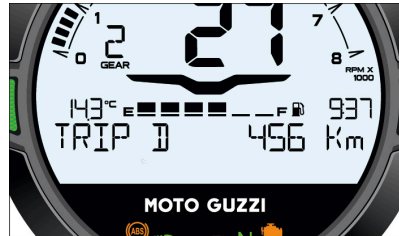
2) Trip odometer (Trip/Trip D)

Unit of measurement for the counter: Km or Miles.

- This value is stored.
- Press and hold down the "MODE" button to reset the "TRIP" and "TRIP D" trip odometer values. Only the selected "TRIP" is reset upon deletion.
- "TRIP D" is automatically reset eight hours after the ignition is switched off.

- If the value exceeds "999.9", the counter is reset and starts from "0.0" again.
- The trip odometer display mode is as shown in the figure:

- the message "TRIP" or "TRIP D" is shown;



3) Riding time (Time)

Unit of measurement for the counter: hours and minutes (hh:mm).

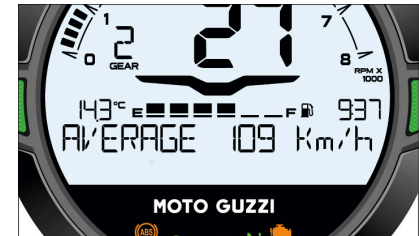
- This value is stored.
- Press and hold down the "MODE" button to reset the counter. Disconnecting and reconnecting the battery also resets the counter.
- This parameter is displayed as shown in the figure:



4) Average speed (Average)

Unit of measurement for the counter: Km/h or mph.

- This value is stored.
- Press and hold down the "MODE" button to reset the counter. Disconnecting and reconnecting the battery also resets the counter.
- This value is displayed as shown in the figure:



5) Average fuel consumption (Avg fuel)

Unit of measurement for the counter: Km/l, L/100 km, US mpg or IMP mpg

- This value is stored.
 - Press and hold down the "MODE" button to reset the value.
 - This parameter is displayed as shown in the figure:
- the message "AVERAGE KM/L", "AVERAGE L/100" or "AVERAGE MPG" is displayed.



6) Current fuel consumption (Fuel)

Unit of measurement for the counter: Km/l, L/100 km, US mpg or IMP mpg

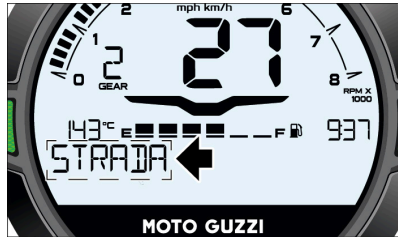
- The value is reset to 0.0 at each key-on
- This value is displayed as shown in the figure:

- the message "FUEL KM/L", "FUEL L/100" or "FUEL MPG" is displayed.



7) Riding mode

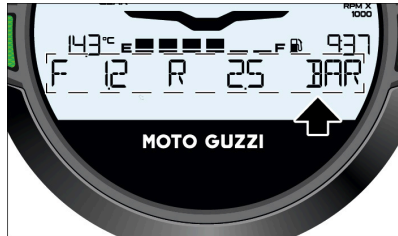
The riding mode currently in use is displayed.



For more information on riding modes and their selection, please refer to the section "Mapping selection".

8) TPMS (if provided)

Front (F) and rear (R) tyre inflation pressures are displayed.

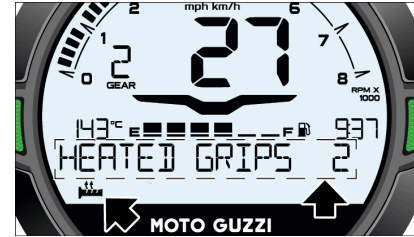


For more information on the TPMS system, please refer to the section "Electronic Vehicle Controls".

9) HEATED HANDLES (where required)

With this function it is possible to activate the heated knobs and set their heating level from 3 (maximum level)-2 -1 and finally deactivate them (OFF). Once the heated knobs are activated, the relevant icon will

light up, with each arrow representing the heating level set.



By long presses of the "MODE" button, the heating level can be changed cyclically; once the desired level has been selected, simply interrupt the selection to confirm it.

Every time a "key OFF" is performed, the heated grips are deactivated (OFF state).

10) MENU

To access the menu, press the "MODE" button for a long time, then press the "MODE" button briefly to cycle through the functions within it:

- 1) Clock setting (CLOCK SET)
- 2) Pairing request (if the MIA ECU is present)
- 3) Pairing reset (if the MIA ECU is present)
- 4) Gear shift indicator threshold (SET GEAR SHIFT)
- 5) Change odometer unit of measurement (SELECT UNIT Km/mi)

6) Change consumption unit of measurement (SELECT UNIT L/100 - Km/L - mpg USA - mpg UK)

7) Change thermometer unit of measurement (SET UNIT °C - °F)

8) Change TPMS units of measurement (if provided)

9) Select Riding Modes language

CAUTION



FOR THE SAFETY OF THE RIDER AND PASSENGER, THESE PROCEDURES ARE ONLY POSSIBLE WITH THE VEHICLE AT A STANDSTILL.

1) Clock setting (CLOCK SET)

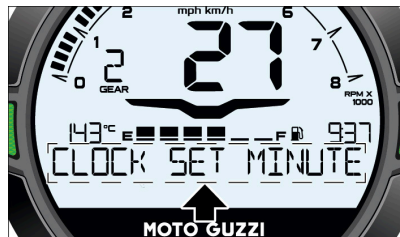
Within the "CLOCK SET" function, the time shown on the display can be set.

To enter the function, press the "MODE" button with a long press, while short presses of the "MODE" button change the time value. When the value 12 is reached, the next press returns to 1.

Press and hold down the "MODE" button to store the value and select minute adjustment mode. Each time the "MODE" button is pressed and quickly released increases or decreases the minutes value by one unit. After reaching 59, the display

goes back to 0 next time the button is pressed.

Press and hold down the "MODE" button to exit the function. Alternatively, the system exits the function once vehicle speed exceeds 5 km/h (3.11 mph).



2) Pairing request (if the MIA ECU is present)

For information regarding this section, please refer to the instructions provided by the 'Moto Guzzi' application.

3) Pairing reset (if the MIA ECU is present)

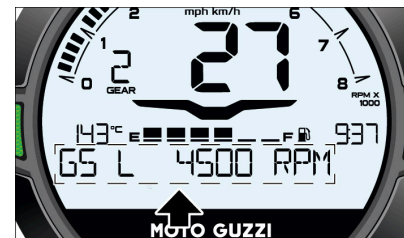
For information regarding this section, please refer to the instructions provided by the 'Moto Guzzi' application.

4) Gear shift indicator threshold (SET GEAR SHIFT)

Within this function, the minimum "GS L" value and the "GS H" value of the gearshift threshold can be set.

To enter the function press the "MODE" button with a long press, then short presses

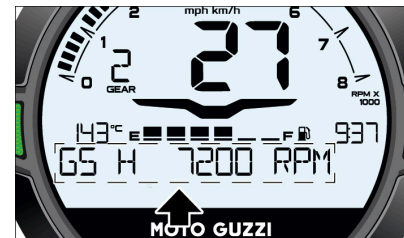
of the "MODE" button increase the rpm by 100 rpm at a time, once the maximum value has been reached it starts again from the initial value.



A long press on the "MODE" button allows you to switch to the maximum threshold "GS H" and edit it as described above.

The operation ends with a long press of the "MODE" button, which sets the gear shift thresholds and exits the function.

- GS L: 4,500 rpm (run-in revolutions)
- GS H: 7200 rotations/min (rpm) (maximum number of rotations admitted by the ECU)



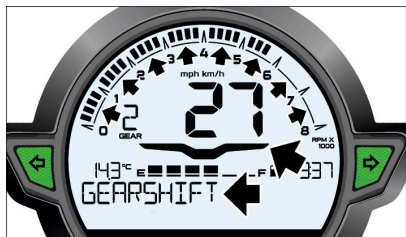
Each "key ON" will set the instrument cluster to the most recent set value.

Once the set threshold is exceeded, the display will show the "GEAR SHIT" text together with the flashing "MOTO GUZZI" logo and tachometer scale reference crown.

The frequency varies based on the exceeded threshold:

- GS L: lower frequency flashing
- GS H: higher frequency flashing

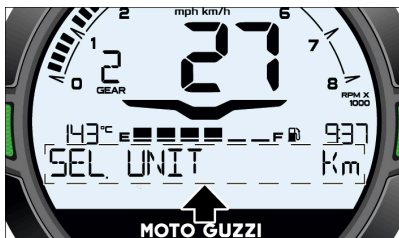
Once the rpm value returns below the set threshold, the "GEAR SHIFT" text and the flashing "MOTO GUZZI" logo and tachometer scale reference crown disappear.



5) Change odometer unit of measurement (SELECT UNIT Km/mi)

This function allows changing the unit of measurement to "Km or mi" by prolonged pressure on the "MODE" button.

The modified selection is effective on all instrument panel functions using these units of measurement.



6) Change consumption unit of measurement (SELECT UNIT L/100 - Km/L - L - mpg USA - mpg UK)

This function allows changing the unit of measurement to "L/100 or Km/L or mpg US or mpg UK" by prolonged pressure on the "MODE" button.

The modified selection is effective on all instrument panel functions using these units of measurement.



7) Change thermometer unit of measurement (SET UNIT °C - °F)

This function allows changing the unit of measurement to "°C or °F" by prolonged pressure on the "MODE" button.

The modified selection is effective on all instrument panel functions using these units of measurement.



8) Change TPMS units of measurement (if provided)

This function allows changing the unit of measurement of tyre inflation pressures to "bar or psi". Selection is done cyclically by prolonged pressure on the "MODE" button.



9) Select Riding Modes language

This function allows changing the display language of the Riding Modes to Italian (IT) or English (EN). Selection is done cyclically by prolonged pressure on the "MODE" button.

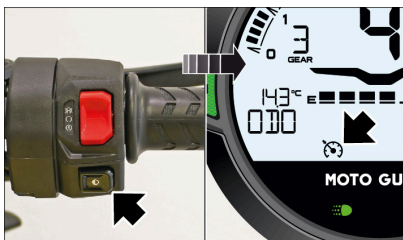


Cruise control

Cruise control is an electronic system that keeps the vehicle at a constant speed selected by the rider.

To start the system (switch from OFF to ON state), press the Riding Mode button on the right-hand steering wheel for a long time; the system start is indicated by the flashing of the corresponding icon in the digital display.

Switching from OFF to ON state is only possible while driving.



N.B.:



IF THERE IS AN ANTI-THEFT SYSTEM, IT SHOULD BE UNLOCKED TO ALLOW THE SYSTEM TO BE ACTIVATED.

The system can be used in certain ranges of speeds for the gears from the third to the sixth, even during deceleration and with the throttle grip released.

The maximum and minimum settable speed values depend on the gear currently selected:

- 2nd gear: min. 30 Km/h (18 mph) Max. 60 Km/h (37 mph);
- 3rd gear: min. 40 Km/h (25 mph) Max. 85 Km/h (53 mph);
- 4th gear: min. 45 Km/h (28 mph) Max. 110 Km/h (68 mph);
- 5th gear: min. 60 Km/h (37 mph) Max. 130 Km/h (81 mph);
- 6th gear: min. 60 Km/h (37 mph) Max. 165 Km/h (103 mph);

After reaching the desired speed, the system can be activated (transition from ON to SET state) by a short press of the Riding Mode button (less than 1 second) under the following conditions:

- The engaged gear cannot be less than the second and even in neutral;
- The brakes should not be operated;
- The clutch must not be operated;

- The speed conforms to the limit established for each gear.

Activation of the system will be indicated by the icon in the digital display lighting up steadily.



The rider may now release the throttle grip, as the system will automatically maintain the speed at which the vehicle is travelling at the moment of activation.

To change the system's cruise speed, briefly press the Riding Mode button (change from SET to ON state with icon flashing) and accelerate or decelerate to the desired speed. Once the new speed has been reached, briefly press the Riding Mode button to re-activate the cruise control (change status from ON to SET with icon steady on) and set it to the new speed.

The throttle may be used to increase speed temporarily by up to 30 km / h (18.64 mph) for the second, third, fourth and fifth gear and 40 km / h (24.85 mph) for the sixth gear with respect to the selected speed without turning off the system (e.g. passing). Released the throttle grip, the motorcycle

will return to the previously set cruising speed.

If the increase in speed exceeds 30 km/h (18.64 mph) for the second, third, fourth and fifth gear and 40 km/h (24.85 mph) for the sixth gear, it will cause a system deactivation (change from SET to ON with flashing icon).

The system is deactivated (change from SET to ON status) if any of the following conditions:

- By operating the clutch;
- Operating the front/rear brake;
- Engaging first gear or putting the gearbox in neutral;
- Making a gear change;
- By briefly pressing the Riding Mode button;
- If the engine rpm limiter is activated;
- If the tracking control is activated;
- If the motorcycle negotiates a particularly steep uphill or downhill gradient.

It is possible to reactivate the system, always respecting the conditions described above, by repeating the activation procedure described above.

The system shuts down completely (switching to OFF state with icon extinguishing) if one of the following conditions occurs:

- Long press of the Riding Mode button (longer than 1 second);

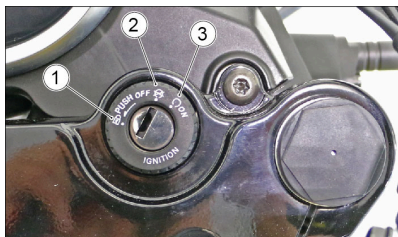
- Run-off interrupter activated;
- Engine stop (Key-OFF);
- Failure, malfunction of a component involved in controlling the speed (tone wheels sensors, control units, etc.)

Ignition switch

The ignition switch is located on the headstock upper plate.

The vehicle is supplied with two keys (one is the spare key).

The lights switch off when the ignition switch is set to «OFF»



LOCK (1): The steering is locked. It is not possible to start the engine or switch on the lights. The key can be extracted

OFF (2): The engine and lights cannot be set to work. The key can be extracted.

ON (3): The engine can be started. The key cannot be extracted.

N.B.:



THE KEY IS USED IN THE IGNITION/STEERING LOCK SWITCH, THE KEYHOLE FOR THE FUEL TANK CAP, AND FOR THE SADDLE COMPARTMENT.

N.B.:



THE LIGHTS COME ON AUTOMATICALLY AFTER THE ENGINE STARTS.

N.B.:



KEEP THE SPARE KEY IN DIFFERENT PLACE, NOT WITH THE VEHICLE.

Engaging the steering lock

To lock the steering:

- Turn the handlebar fully to the left.
- Turn the key to «OFF».
- Push in the key and turn it anticlockwise (to the left), steer the handlebar slowly until the key is set to «LOCK».

- Extract the key.



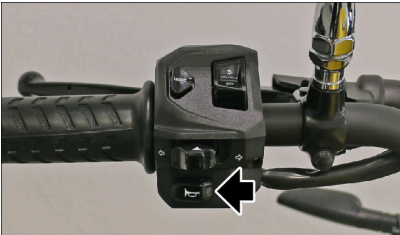
CAUTION



TO PREVENT THE LOSS OF CONTROL, NEVER TURN THE KEY TO THE "LOCK" POSITION WHILE THE VEHICLE IS RUNNING.

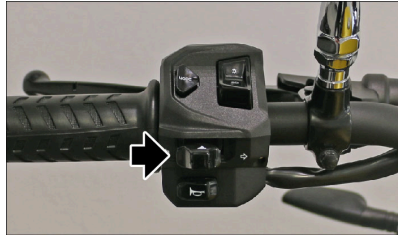
Horn button

Press it to activate the horn.



Turn indicator switch

Move the switch to the left to indicate a left turn; move the switch to the right to indicate a right turn. Pressing the switch deactivates the turn indicator.



The turn indicators have a self-cancelling function that implements the following logic:

With the vehicle at standstill (speed = zero), the turn indicators continue flashing indefinitely.

With the vehicle in motion, the turn signals self-cancel when one of the two following conditions is met:

- After a time (t) = 40 sec.
- After riding 500 m (0.31 mi)

If the vehicle speed reaches zero during this period, the time and distance counts are reset and start again from zero when the vehicle starts moving once again.

Switching on the opposite side turn indicators without pressing the switch in the intermediate reset position causes both the

time and distance counters to reset and recommence from zero.

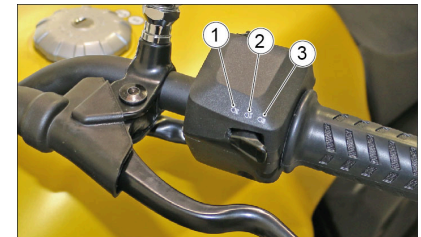
Light switch

In DRL ON mode:

- the DRL lights only are lit when the selector is left in the centre position (2).
- pressing the selector into position (1) switches on the high beam headlight.
- press the selector into position (3) to flash the high beam headlamp to signal danger or an emergency.

When the low beam headlights are on (DRL OFF):

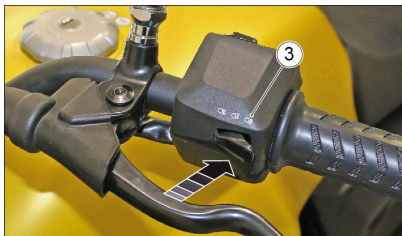
- the low beam lights only are lit when the selector is left in the centre position (2).
- pressing the selector into position (1) switches on the high beam headlight.
- press the selector into position (3) to flash the high beam headlamp to signal danger or an emergency.



High beam flash switch

Press the button into position (3) to flash the high beam headlamp to signal danger and/or an emergency.

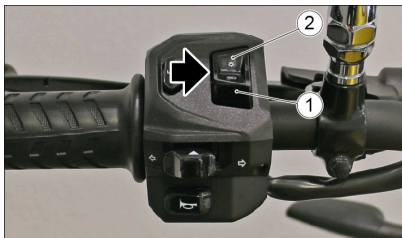
Releasing the switch deactivates the high beam light.



Daytime/night lights switch

This button selects the operating mode of the front light cluster.

- Moving the switch down (1) will activate daytime running light mode (DRL);
- Moving the switch up (2) will activate the night light mode (high/low beam)

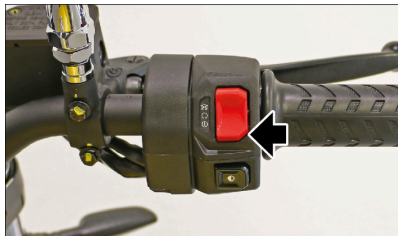


Starter button

By pressing the button on the right side handlebar, the starter motor spins the engine.

The following conditions are necessary to permit engine start:

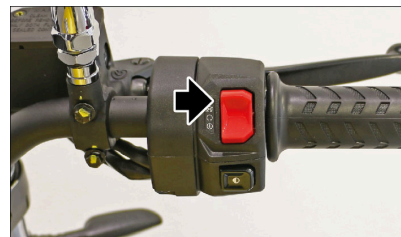
- If the vehicle is in neutral with the side stand extended: apply the front or rear brake and simultaneously press the starter button on the right hand handlebar control set.
- If any gear is engaged: pull the clutch lever, apply the front or rear brake and simultaneously press the starter button on the right hand handlebar control set.



Engine stop switch

It acts as a safety or emergency switch.

Press and hold the ignition switch in the "KEY ON" position to start the engine; press the switch to set it to "KEY OFF" to stop the engine.



CAUTION



DO NOT OPERATE THE ENGINE STOP SWITCH WHILE RIDING THE VEHICLE.

N.B.:



WITH ENGINE OFF AND THE IGNITION SWITCH SET TO «ON» THE BATTERY MAY DISCHARGE.

The saddle

Saddle removal

- Rest the vehicle on its stand.
- Insert the key in the saddle lock located on the left-hand side fairing, under the rider saddle.

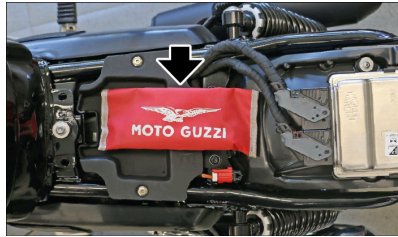
- Turn the key clockwise and raise the rear part of the saddle to release it from the lock.



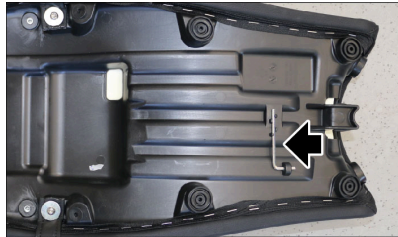
- Slide the saddle towards the rear of the vehicle and remove it.



- Once the saddle is removed, you will have access to the document compartment and tool kit.

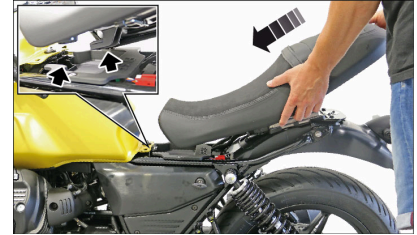


- In addition to the tool kit, there is a 4 mm Allen key on the underside of the saddle.



Saddle refitting

- Reposition the saddle on the vehicle, taking care to insert the front fastening of the saddle into its seat under the fuel tank.



WARNING



BEFORE LOWERING AND LOCKING THE SADDLE, MAKE SURE THAT THE IGNITION KEY HAS NOT BEEN FORGOTTEN IN AN UNSUITABLE POSITION UNDER THE SADDLE.

- Press downward the rear part of the saddle to engage the lock and lock it in place.



CAUTION



BEFORE SETTING OFF, MAKE SURE THAT THE SADDLE IS CORRECTLY LOCKED INTO POSITION.

OBD socket

The vehicle is equipped with an OBD2 (On-Board Diagnostics) port to monitor the operating parameters at an **Authorised Moto Guzzi Service Centre**.

The OBD2 socket is located under the seat, on the left side of the vehicle behind the document compartment.

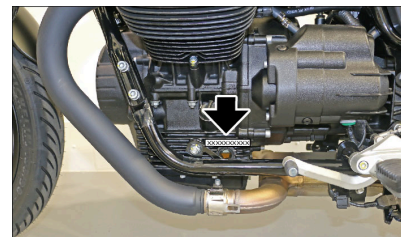


The identification

WARNING



THE MODIFICATION OF THE IDENTIFICATION CODES IS A SERIOUS PUNISHABLE CRIME. HOWEVER, THE LIMITED WARRANTY FOR NEW VEHICLES WILL BE VOID IF THE VEHICLE IDENTIFICATION NUMBER (VIN) HAS BEEN MODIFIED OR NOT PROMPTLY DETERMINED.

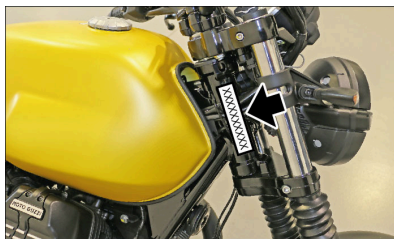


Write down the chassis and engine number in the specific space in this booklet. The chassis number is handy when purchasing spare parts.

FRAME NUMBER

The chassis number is stamped on the RH side of the headstock.

Chassis No.



ENGINE NUMBER

The engine number is stamped on the left side, close to the engine oil level inspection window.

Engine No.

V7



CHAPTER 03 Usage

Controls

CAUTION



BEFORE DEPARTURE, ALWAYS CARRY OUT A PRELIMINARY CHECK OF THE VEHICLE, FOR CORRECT AND SAFE OPERATION. FAILURE TO DO SO MAY CAUSE SEVERE PERSONAL INJURY OR VEHICLE DAMAGE.

DO NOT HESITATE TO CONTACT AN Official Moto Guzzi Dealer IF YOU DO NOT UNDERSTAND HOW SOME CONTROLS WORK OR IF MALFUNCTIONING IS DETECTED OR SUSPECTED.

CHECKS DO NOT TAKE LONG AND RESULT IN SIGNIFICANTLY ENHANCED SAFETY.

This vehicle has been programmed to indicate in real time any operation failure stored in the electronic control unit memory.

Every time the ignition switch is set to 'KEY ON', the 'MIL' warning light turns on for about two seconds



Pre-ride checks

Front and rear disc brake
Check for proper operation. Check brake lever empty travel and brake fluid level. Check for leaks. Check brake pads for wear. If necessary top-up with brake fluid.

Throttle grip
Check that the rotation is smooth in both directions and that there is no jamming.

Engine oil
Check and/or top-up as required.

Wheels/ tyres
Check that tyres are in good conditions. Check inflation pressure, tyre wear and potential damage.

Pre-ride checks

Remove any possible strange body that might be stuck in the tread design.

Brake levers
Check they function smoothly.
Lubricate the joints and adjust the travel if necessary.

Clutch lever
Check correct operation and empty travel. Lubricate the joints if necessary.

Steering
Check that the rotation is uniform, smooth and there are no signs of clearance or slackness.

Side stand
Check that it slides smoothly and that it snaps back to its rest position upon spring tension. Lubricate couplings and joints if necessary.

Pre-ride checks	
Clamping elements	<p>Check that the clamping elements are not loose.</p> <p>Adjust or tighten them as required.</p>
Fuel tank	<p>Check level and refill if necessary.</p> <p>Check the circuit for leaks or obstructions.</p> <p>Check that the tank cap closes correctly.</p>
Engine stop switch (ON - OFF)	Check function.
Lights, warning lights, horn and electrical devices	Check function of horn and lights.
Transmission oil - Guzzi	Check. Should top-up be necessary, please refer to an authorised Moto Guzzi repair shop.
Tone wheels	Check that the tone wheels are perfectly clean and in good conditions.

Refuelling

CAUTION



THE FUEL IS EXTREMELY INFLAMMABLE AND MAY BECOME EXPLOSIVE IN CERTAIN CONDITIONS.

FOR THIS REASON, IT IS NECESSARY TO REFUEL THE VEHICLE AND PERFORM MAINTENANCE OPERATIONS INVOLVING THE FUEL SYSTEM IN A WELL VENTILATED AREA, WITH THE ENGINE SWITCHED OFF.

DO NOT REFUEL AND DO NOT PERFORM MAINTENANCE OPERATIONS WITH THE ENGINE RUNNING.

DO NOT SMOKE WHILE REFUELING OR IN PROXIMITY TO DANGEROUS FUMES. NEVER ALLOW THE FUEL TO COME INTO CONTACT WITH FLAMES, SPARKS OR HEAT SOURCES. TRY TO CAREFULLY AVOID FUEL SPILLAGE WHILE REFUELING. FUEL SPLASHES MAY IGNITE IF THEY COME INTO CONTACT WITH THE HOT ENGINE OR WITH THE EXHAUST SYSTEM SURFACES. IN CASE OF ACCIDENTAL FUEL SPILLAGE, MAKE SURE THAT THE FUEL HAS COMPLETELY DRIED OUT OR EVAPORATED BEFORE STARTING THE VEHICLE.

AVOID THE FUEL COMING INTO CONTACT WITH YOUR SKIN AND AVOID INHALING THE FUMES EMITTED BY THE FUEL.

NEVER ATTEMPT TO TRANSFER FUEL FROM ONE CONTAINER TO ANOTHER USING YOUR MOUTH AS TRANSFER MEANS. USE A MANUAL PUMP OR A SIMILAR TOOL.

CAUTION



THE FUEL IS POISONOUS AND CARCINOGENIC AND CONTAINS CHEMICALS THAT CAUSE IMPAIRMENTS AND SEVERAL BIRTH PROBLEMS.

IF YOU ACCIDENTALLY SPILL FUEL ON THE SKIN OR CLOTHES, CLEAN IMMEDIATELY WITH WATER AND SOAP AND CHANGE CLOTHES.

IF THE FUEL ACCIDENTALLY COMES INTO CONTACT WITH YOUR EYES, RINSE THEM WITH PLENTY OF WATER AND IMMEDIATELY SEEK MEDICAL ATTENTION. IF YOU ACCIDENTALLY INGEST FUEL, DO NOT INDUCE VOMITING. DRINK A LARGE AMOUNT OF MILK OR WATER AND CONTACT A DOCTOR AS SOON AS POSSIBLE.

IF YOUR VEHICLE TIPS OVER, IT WILL LOSE FUEL, WHICH IS

EXTREMELY INFLAMMABLE. FLAMES AND SPARKS MAY RESULT IN SERIOUS FIRES THAT WILL NOT ONLY DESTROY YOUR VEHICLE, BUT WILL ALSO BE EXTREMELY DANGEROUS FOR THE SURROUNDING VEHICLES AND BUILDINGS, WHICH MAY CAUSE VERY SERIOUS INJURIES AND EVEN DEATH.

ALWAYS KEEP THE FUEL AWAY FROM CHILDREN. DISPOSE OF CORRECTLY; DO NOT DRAIN IT INTO THE SEWAGE SYSTEM OR AT THE BATHROOM.

Fuel: Unleaded gasoline E10 (95 R.O.N.)

WARNING



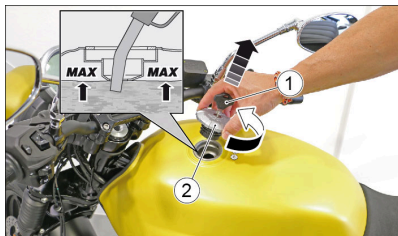
ALWAYS USE PETROL WITH A MAXIMUM OF 10% BIOETHANOL CONTENT (E10).

DO NOT USE FUEL WITH ETHANOL CONTENT OF MORE THAN 10%. SUCH USE COULD DAMAGE THE SUPPLY SYSTEM COMPONENTS AND/OR AFFECT THE ENGINE OPERATION.

To refuel:

- Introduce the key (1) in the fuel tank cap lock (2).

- Turn the key anticlockwise, unscrew and remove the fuel cap.
- Refuel, taking care not to cross the line shown in the figure.



WARNING



DO NOT ADD ADDITIVES OR ANY OTHER SUBSTANCES TO THE OIL. WHEN USING A FUNNEL OR ANY OTHER ELEMENT, MAKE SURE IT IS PERFECTLY CLEAN.

CAUTION



DURING REFUELLING AVOID FUEL LEAKAGES, WHICH MAY CAUSE DAMAGE TO THINGS OR PERSONS AND FIRE HAZARD.

CAUTION



WHILE REFUELLING, DO NOT USE ELECTRONIC DEVICES AND/OR CELLULAR PHONES THAT COULD CAUSE DAMAGE TO THINGS AND/OR PEOPLE DUE TO GASOLINE VAPOURS.

N.B.:



THE FUEL LEVEL INDICATION CAN CHANGE DEPENDING ON THE INCLINATION OF THE MOTORCYCLE, FROM WHEN IT IS POSITIONED ON THE SIDE STAND OR DRIVING ON LONG SLOPES OR LONG DESCENTS.

After refuelling:

- The fuel cap (2) may only be refitted with the key (1) inserted.
- With the key (1) inserted, screw in the cap (2) until you hear a "click".
- Turn the key (1) clockwise and remove.

Fuel tank(including reserve): 21 l (4.62 UK gal; 5.55 US gal)

Fuel tank reserve: 4 l (0.88 UK gal; 1.06 US gal)

CAUTION



MAKE SURE THE CAP IS TIGHTLY CLOSED.

Adjusting the rear shock absorbers

N.B.:

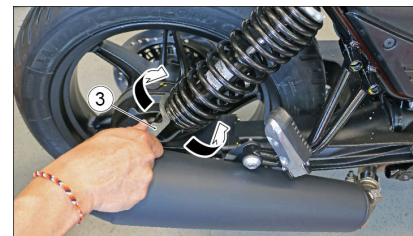


IT IS POSSIBLE TO VARY THE PRELOAD OF THE SHOCK ABSORBERS DEPENDING ON THE LOAD ON THE VEHICLE (PASSENGER OR HEAVY LOAD).

The shock absorber has an adjuster ring (1) in order to regulate the spring preload (2).



- Use the adjuster ring nut (1) to adjust the preload of the spring (2) with a hook spanner (3), supplied with the vehicle;
- Screw to increase pre-loading; and vice versa, screw to reduce it.



WARNING



DO NOT FORCE THE ROTATION OF THE ADJUSTMENT SCREW BEYOND THE LIMIT STOP IN BOTH DIRECTIONS, IN ORDER TO PREVENT ANY DAMAGE.

CAUTION



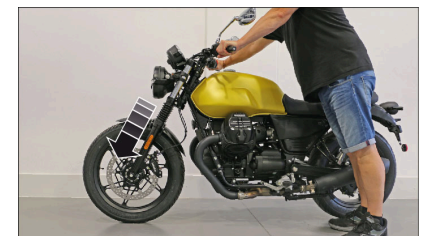
FOR PROPER VEHICLE STABILITY IT IS ALWAYS A GOOD IDEA TO MAKE SURE THAT BOTH SHOCK ABSORBERS ARE SET TO THE SAME

POSITION. IF NECESSARY, CONTACT AN Official Moto Guzzi Dealership.

Front fork check

Operating the front brake lever, press the handlebar repeatedly to send the fork fully down. The shock absorber should compress and extend smoothly with no signs of oil leakage on the stanchions.

Check the tightening of all the elements and the correct operation of the front and rear suspension joints.



WARNING



TO HAVE THE FRONT FORK OIL AND OIL SEALS REPLACED, CONTACT AN Official Moto Guzzi Dealer.

Front fork adjustment

Moto Guzzi V7 SPORT

The front suspension consists of a hydraulic fork connected to the headstock by means of two plates.

Each stem has a nut (1) to adjust the spring pre-load.



The standard front fork setting is adjusted to suit most high and low speed riding conditions, whether the vehicle is partially or fully loaded.

STANDARD setting

Spring pre-loading, nut (1)	Complete anticlockwise rotation (S)
--------------------------------	---

However, it is possible to adjust the preload of the front suspension, depending on vehicle use and load.

- To increase the preload, turn the adjusters (1) clockwise (H);
- To reduce the preload, turn the adjusters (1) anticlockwise (S);



CAUTION



TO AVOID DAMAGE, DO NOT FORCE THE ADJUSTERS BEYOND THE MAXIMUM SETTING POSITION IN EITHER DIRECTION.

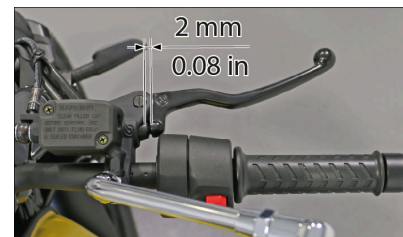
SET BOTH STANCHIONS WITH THE SAME SPRING PRE-LOAD CALIBRATION: RIDING THE VEHICLE WITH DIFFERENT SETTINGS FOR THE TWO STANCHIONS REDUCES STABILITY.

Front brake lever adjustment

Moto Guzzi V7 SPECIAL - STONE

The play between the brake lever and the master cylinder must be 2 mm (0.08 in), in order to compensate for thermal expansion and to ensure proper function of the brake system.

You can check the clearance between the end of the brake lever and the master brake cylinder at the point shown in the figure. The measurement must be performed at "cold" engine.



If the clearance value is lower than the prescribed value, contact an **official Moto Guzzi dealer**.

WARNING

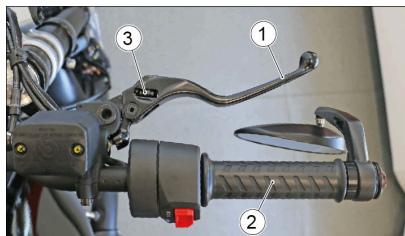


IF THE FRONT BRAKE LEVER MUST BE REMOVED, CHECKED AND CHANGED BY AN Official Moto Guzzi Dealership.

Moto Guzzi V7 SPORT

It is possible to adjust the distance between the end of the lever (1) and the grip (2), turning the adjuster (3).

- Push the control lever (1) forwards and turn the adjuster (3) until the lever (1) is at the desired distance.
- Turning the adjuster clockwise moves the lever (1) away from the handle (2).



WARNING



IF THE FRONT BRAKE LEVER MUST BE REMOVED, CHECKED AND CHANGED BY AN Official Moto Guzzi Dealership.

Adjusting the rear brake pedal

WARNING



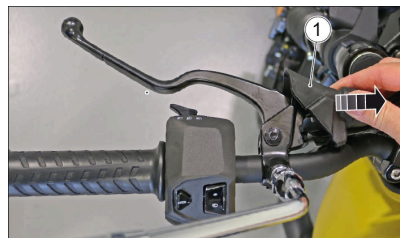
FOR REMOVAL AND REPLACEMENT OF THE CONTROL PEDAL, CONTACT AN Official Moto Guzzi Dealer.

Clutch lever adjustment

- In order to maintain a correct tension and an optimal clutch operation, it is necessary to check and if necessary provide tension to the cable:
- Urban use every 1,000 km (621.37 mi)
- Extra urban use every 5,000 km (3,106.86 mi)
- In any case, every time you detect that the clutch has disengaged before the standard factory setting.

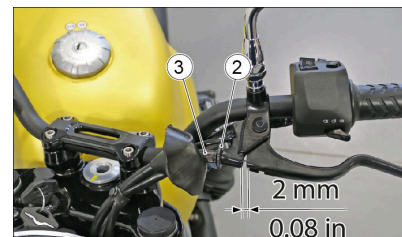
To adjust, do the following:

1. Pull back the protective boot (1)



2. Loosen the ring nut (2)

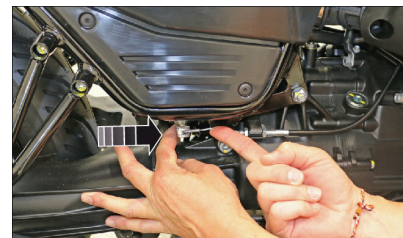
3. Turn the adjuster (3) until the clutch lever play, with straight handlebars, is 2 mm (0.08 in)



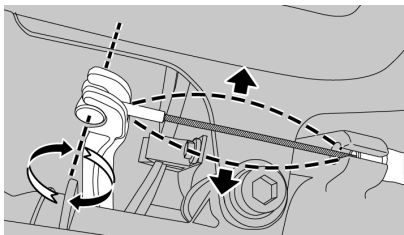
4. Push the clutch control lever on the gearbox housing towards the rear wheel



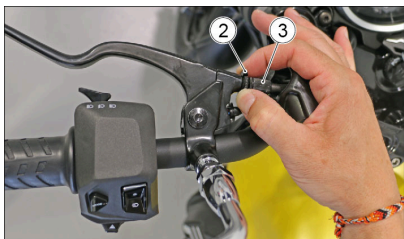
5. Push the clutch control lever on the gearbox housing in the opposite direction (relative to step 4), and check that the cable is not under tension



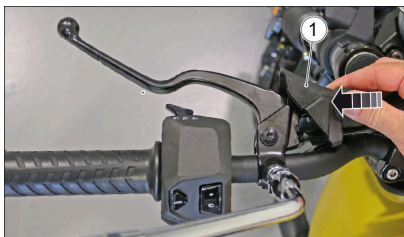
6. At the same time, check that the cable lug turns freely around its axis, regarding the clutch lever.



7. Tighten the ring nut (2), holding the adjuster nut (3) to prevent it from turning



8. Refit the protection casing (1)



If after the adjustment in point 3 it is not possible to ascertain the condition of "point 6", contact an Authorised **Moto Guzzi Dealer** to verify the proper operation of the clutch control.

- If the adjuster stroke (3) is not sufficient to ensure the required clearance, contact an Authorised **Moto Guzzi Dealer**

Gear pedal adjustment

WARNING



FOR REMOVAL AND REPLACEMENT OF THE CONTROL PEDAL, CONTACT AN Official Moto Guzzi Dealer.

Running-in

Running in is essential to ensure the durability of the vehicle. During the first 1500 Km (932 mi), observe the following rules to ensure the reliability and performance of the vehicle throughout its lifetime:

- Avoid full throttle starts and hard acceleration;
- Avoid exceeding 4,500 rpm;
- Avoid hard or prolonged braking;
- Do not ride for prolonged periods at sustained high speed; preferably ride the motorcycle on varied routes

with frequent, gentle acceleration and deceleration;

- Ride prudently to gradually gain familiarity with the motorcycle, testing progressively higher throttle apertures only as you gain confidence

N.B.:



THIS VEHICLE IS EQUIPPED WITH A SINGLE DISC DRY CLUTCH. IN CERTAIN CONDITIONS, THE CLUTCH MAY EMIT A SLIGHT AND DISTINCTIVE ODOUR OF CLUTCH MATERIAL. THIS IS NORMAL AND IS NOT INDICATIVE OF A FAULT.

N.B.:



THE FULL PERFORMANCE OF THE VEHICLE IS ONLY AVAILABLE AFTER PERFORMING THE SERVICE AT THE END OF THE RUNNING IN PERIOD.

CAUTION




TO PREVENT THE RISK OF INJURY TO YOURSELF OR OTHERS AND/OR DAMAGE TO THE VEHICLE, TAKE THE YOUR MOTORCYCLE TO AN AUTHORISED Moto Guzzi DEALER AT THE SPECIFIED MILEAGE INTERVALS TO HAVE THE CHECKS LISTED IN THE "SCHEDULED MAINTENANCE TABLE" CARRIED OUT.

Engine starter


This vehicle must be used with care, prudence and respect.

CAUTION




EXHAUST FUMES CONTAIN CARBON MONOXIDE, AN EXTREMELY HARMFUL SUBSTANCE IF INHALED. NEVER START THE ENGINE IN A CLOSED OR INSUFFICIENTLY VENTILATED SPACE.

CAUTION



FAILURE TO OBSERVE THIS WARNING COULD LEAD TO UNCONSCIOUSNESS AND EVEN DEATH DUE TO SUFFOCATION.

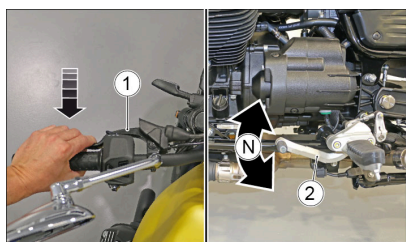
CAUTION



WITH THE SIDE STAND LOWERED, THE ENGINE MAY ONLY BE STARTED WITH THE GEARBOX IN NEUTRAL. IF YOU ATTEMPT TO ENGAGE THE GEAR, THE ENGINE WILL STOP.

WITH THE SIDE STAND RETRACTED, THE ENGINE MAY BE STARTED WITH THE GEARBOX IN NEUTRAL OR WITH THE GEAR ENGAGED AND THE CLUTCH LEVER OPERATED.

- Get on the motorcycle, assuming the correct driving posture.
- Make sure that the side stand has been fully retracted.
- Operate the front or rear brake (or both).
- Operate the clutch lever (1) and make sure that the transmission (2) is in neutral. If the transmission is in position, the green "N" light will be shown in the digital display.




- Turn the ignition key to "ON".

At this stage:

- All the indicator lights on the digital display will come on for about 2 seconds.
- Press the starter button (3) once only.
- With the engine operating normally, all instantaneous parameters will be visible in the digital display.




N.B.:



IF THE LOW FUEL WARNING LIGHT ON THE DASHBOARD TURNS ON, REFUEL THE VEHICLE AT ONCE.

WARNING



IF THE GENERAL WARNING INDICATOR LIGHT ON THE DASHBOARD COMES ON, IT MEANS THAT THE CONTROL UNIT HAS ENCOUNTERED A FAULT, THEREFORE IT IS NECESSARY TO CONTACT AN Authorised Moto Guzzi Dealer.

WARNING



DO NOT SET OFF SUDDENLY WHEN THE ENGINE IS COLD. RIDE AT LOW SPEED FOR SEVERAL KILOMETRES. THIS WILL ALLOW THE ENGINE TO WARM UP AND REDUCE POLLUTING EMISSIONS AND FUEL CONSUMPTION.

Setting off and riding

N.B.:



THE ECU INSTALLED ON THIS MOTORCYCLE COMPENSATES FOR INCREASED ELECTRIC POWER CONSUMPTION BY TEMPORARILY RAISING THE IDLE SPEED; VARIATIONS IN ENGINE SPEED

WITHIN THIS RANGE ARE THEREFORE NORMAL.

N.B.:



IF THE LOW FUEL WARNING LIGHT ON THE DASHBOARD TURNS ON, REFUEL THE VEHICLE AT ONCE.

N.B.:



IF THE MOTORCYCLE TURNS OFF ACCIDENTALLY THE ECU ALLOWS A RESTART WITHIN THE NEXT 5 SECONDS.

ONCE THIS PERIOD OF TIME HAS PASSED THE ECU WILL PREVENT STARTING FOR ANOTHER 3 SECONDS AND ONLY THEN WILL IT BE POSSIBLE TO START THE MOTORCYCLE.

CAUTION



WHEN TRAVELLING WITHOUT PASSENGERS, MAKE SURE THE

PASSENGER FOOTRESTS ARE FOLDED UP.

CAUTION

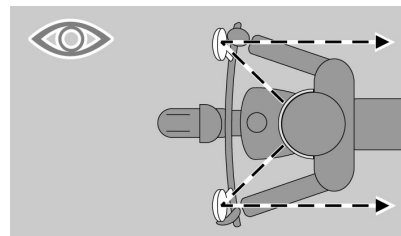


PASSENGERS MUST BE SUITABLY INSTRUCTED ON HOW TO BEHAVE TO PREVENT DANGEROUS SITUATIONS WHEN RIDING.

BEFORE SETTING OFF, MAKE SURE THE STAND HAS BEEN COMPLETELY RETRACTED TO ITS POSITION.

To start:

- Turn on the engine.
- Adjust the inclination of the rear-view mirrors to ensure proper visibility.

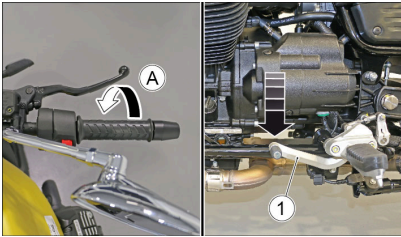


CAUTION



WITH THE VEHICLE AT STANDSTILL, PRACTICE USING THE REAR-VIEW MIRRORS. THE MIRRORS ARE CONVEX, SO OBJECTS MAY SEEM FARTHER AWAY THAN THEY REALLY ARE. THESE MIRRORS OFFER A WIDE-ANGLE VIEW AND ONLY EXPERIENCE HELPS YOU JUDGE THE DISTANCE SEPARATING YOU AND THE VEHICLE BEHIND.

- With a closed throttle grip (Pos. A) and the engine idling, pull the clutch lever.
- Push the gearbox lever (1) downward to select the first gear.
- Release the clutch lever (activated during start-up).



CAUTION



WHEN TURNING OFF THE VEHICLE, DO NOT RELEASE THE CLUTCH TOO QUICKLY OR SUDDENLY, AS THIS COULD CAUSE THE ENGINE TO STOP

OR THE VEHICLE TO REAR UP ON THE BACK WHEEL. DO NOT ACCELERATE SUDDENLY WHEN RELEASING THE CLUTCH FOR THE SAME REASON.

- Slowly release the clutch lever and accelerate by slightly turning the throttle grip at the same time (Pos. B).

The vehicle starts moving forward.

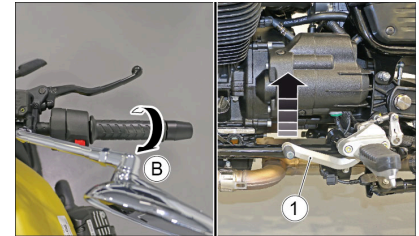
- Ride at moderate speed for the first kilometres/miles to allow the engine to warm up.
- Speed up by gradually turning the throttle grip (Pos. B) without exceeding the recommended revs.

CAUTION



RIDE IN THE CORRECT GEAR AND SPEED FOR THE CONDITIONS. DO NOT OPERATE THE THROTTLE GRIP ABRUPTLY.

- Release the throttle grip (Pos. A), operate the clutch lever and lift the gear control lever (1), release the clutch lever and accelerate (Pos.B).



- Repeat the last two operations and engage a higher gear.

N.B.:



IT IS RECOMMENDED YOU GO DOWN FROM A HIGHER GEAR TO A LOWER GEAR:

- When riding downhill and under braking, using engine compression to increase braking power.
- When going uphill, when the engaged gear does not suit the speed (high gear, moderate speed) and the number of engine revs falls.

CAUTION



DOWN-SHIFT ONE GEAR AT A TIME; WHEN SHIFTING TO A LOWER GEAR,

DOWN-SHIFTING MORE THAN ONE GEAR AT A TIME COULD OVER-REV THE ENGINE; THAT IS, THE MAXIMUM RPM VALUE PERMITTED FOR THE ENGINE COULD BE EXCEEDED.

- Release the throttle grip (Pos. A).
- If necessary, pull the brake levers gently and reduce speed.
- Operate the clutch lever and lower the gearshift lever (1) to engage a lower gear.
- Release the brake levers when it is operated.
- Release the clutch lever and accelerate moderately.

WARNING



IN ORDER TO AVOID CLUTCH OVERHEATING, SHUT THE ENGINE OFF AS SOON AS POSSIBLE ONCE THE VEHICLE HAS STOPPED AND AT THE SAME TIME THE GEAR IS ENGAGED AND THE CLUTCH LEVER OPERATED.

CAUTION



OPERATE THE FRONT OR THE REAR BRAKE ONLY SIGNIFICANTLY REDUCES THE BRAKING FORCE OF THE VEHICLE.

WHEN STOPPING UPHILL, DECELERATE COMPLETELY AND ONLY USE THE BRAKES TO MAINTAIN THE VEHICLE IN THE STOPPED POSITION.

USING THE ENGINE TO KEEP THE MOTORCYCLE STOPPED COULD CAUSE THE CLUTCH TO OVERHEAT. BRAKING CONTINUOUSLY WHEN DRIVING DOWNHILL COULD CAUSE THE BRAKE PADS TO OVERHEAT, WHICH REDUCES BRAKING AND LIMITS BRAKING POWER.

IT IS RECOMMENDED TO USE THE ENGINE COMPRESSION, DOWN-SHIFTING AND USING BOTH BRAKES INTERMITTENTLY.

WHEN DRIVING DOWNHILL, NEVER RIDE WITH THE ENGINE TURNED OFF. WHEN RIDING ON WET SURFACES OR SURFACES WITH POOR GRIP (SNOW, ICE, MUD, ETC.) USE MODERATE SPEED, AVOID SUDDEN BRAKING OR MANOEUVRES THAT MAY CAUSE TO A LOSS OF TRACTION AND POSSIBLY TO A FALL OR CRASH.

Engine stop

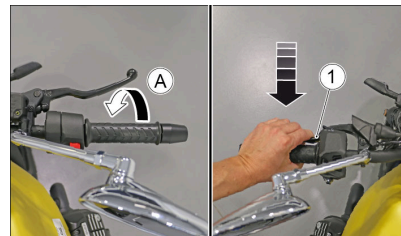
- Release the throttle grip (Pos. A), brake gradually and simultaneously downshift to slow down.

Once the speed is reduced, before stopping the vehicle:

- Operate the clutch lever (1) so that engine does not shut off.

When the vehicle is at standstill:

- Set the gearshift lever in neutral (green "N" indicator light lit).
- Release the clutch lever (1).
- While at a temporary halt, keep **at least one** of the vehicle brakes held.



CAUTION



WHENEVER POSSIBLE, AVOID ROUGH BRAKING, SUDDEN DECELERATION AND BRAKING IN EXCESS.

It is easy to park anywhere on the road

It is very important to select an adequate parking spot, in compliance with road signals and the guidelines described below.

CAUTION



PARK ON SAFE AND LEVEL GROUND TO PREVENT THE VEHICLE FROM FALLING.

DO NOT LEAN THE VEHICLE AGAINST A WALL OR LAY IT ON THE GROUND.

ENSURE THAT THE VEHICLE AND, IN PARTICULAR, PARTS OF THE VEHICLE WHICH MAY BECOME HOT (ENGINE, OIL RADIATOR AND LINES, EXHAUST SYSTEM, BRAKE DISCS) ARE NOT A HAZARD TO PERSONS OR CHILDREN. DO NOT LEAVE YOUR VEHICLE UNATTENDED WITH THE ENGINE ON OR THE KEY IN THE IGNITION SWITCH.

WARNING



IF THE VEHICLE FALLS OR IS ON A STEEP INCLINE FUEL CAN LEAK.

CAUTION



FUEL USED TO DRIVE EXPLOSION ENGINES IS HIGHLY INFLAMMABLE AND CAN BECOME EXPLOSIVE UNDER SPECIFIC CONDITIONS. IT IS THEREFORE RECOMMENDED TO CARRY OUT REFUELLING AND MAINTENANCE PROCEDURES IN A VENTILATED AREA WITH THE ENGINE SWITCHED OFF. DO NOT SMOKE DURING REFUELLING AND NEAR FUEL VAPOURS, AVOIDING ANY CONTACT WITH NAKED FLAMES, SPARKS OR OTHER SOURCES WHICH MAY CAUSE THEM TO IGNITE OR EXPLODE.

DO NOT DISPERSE FUEL IN THE ENVIRONMENT. ALWAYS USE APPROPRIATE DISPOSAL METHODS.

KEEP OUT OF THE REACH OF CHILDREN .

CAUTION



DO NOT REST THE RIDER OR PASSENGER WEIGHT ON THE SIDE STAND.

Catalytic converter

The vehicle is equipped a silencer with a "platinum - palladium - rhodium three-way" metal catalytic converter.

This device oxidises the CO (carbon monoxide) producing carbon dioxide, and the HC (unburned hydrocarbons) producing water vapour and CO₂ and reduces NO_x (nitrogen oxide) producing oxygen and nitrogen present in the exhaust fumes.

CAUTION



AVOID PARKING THE VEHICLE NEAR DRY BRUSHWOOD OR IN PLACES ACCESSIBLE TO CHILDREN, AS THE CATALYTIC CONVERTER IS VERY HOT WHEN IN USE; THEREFORE, PAY THE UTMOST ATTENTION AND DO NOT TOUCH IT UNTIL IT HAS COMPLETELY COOLED DOWN.

WARNING



DO NOT USE LEADED PETROL AS IT WILL DAMAGE THE CATALYTIC CONVERTER.

Vehicle owners are warned that the law may prohibit the following:

- the removal of any device or element belonging to a new vehicle or any other action by anyone leading to render it non-operating, if not for maintenance, repair or replacement reasons, in order to control noise emission before the sale or delivery of the vehicle to the ultimate buyer or while it is used;
- using the vehicle after that device or element has been removed or rendered non-operating.

Check the exhaust silencer and the silencer pipes, ensuring there are no signs of penetrative corrosion and that the exhaust system works properly.

If the noise produced by the exhaust system increases, get immediately in touch with the Dealer or with a Moto Guzzi authorised repair shop.

WARNING



DO NOT TAMPER WITH THE EXHAUST SYSTEM.

Side stand

CAUTION



BEFORE SETTING OFF, MAKE SURE THE STAND HAS BEEN COMPLETELY RETRACTED TO ITS POSITION.

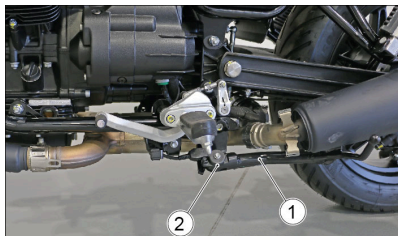
DO NOT REST THE RIDER OR PASSENGER WEIGHT ON THE SIDE STAND.

WARNING



THE SIDE STAND MUST ROTATE FREELY. IF NECESSARY GREASE THE JOINT.

A safety switch (2) is installed on the side stand (1) to inhibit ignition or to stop the engine when a gear is engaged and the side stand is lowered.



WARNING



CHECK THAT THERE IS NO DIRT IN THE SWITCH AREA.

IF NECESSARY, CLEAN THE AREA AND CHECK, IN THE INSTRUMENT CLUSTER, THAT THE SIDE STAND DOWN ICON IS LIT.

If the stand has been folded up for any manoeuvre (for example, when the vehicle is in motion), place the vehicle on the stand again as follows:

- Grasp the left grip and put the right hand on the upper rear part of the vehicle.
- Push the side stand with your right foot to fully extend the stand.
- Lean the vehicle until the stand touches the ground.
- Turn the handlebar fully leftwards.



CAUTION



CHECK THE STABILITY OF THE VEHICLE.

theft prevention tips

CAUTION



WHEN USING A DISC LOCKING DEVICE, PAY UTMOST ATTENTION TO REMOVE IT BEFORE RIDING. FAILURE TO OBSERVE THIS WARNING MAY CAUSE SERIOUS DAMAGE TO THE BRAKING SYSTEM AND ACCIDENTS WITH CONSEQUENT PHYSICAL INJURIES OR EVEN DEATH.

NEVER leave the ignition key in the lock and always use the steering lock. Park the vehicle in a safe place such as a garage or a place with guards. Whenever possible, use an additional anti-theft device. Make sure all vehicle documents are in order and the road tax paid. Write down your personal details and telephone number on this page to help identifying the owner in case of vehicle retrieval after a theft.

SURNAME:

FIRST NAME:

ADDRESS:

TELEPHONE NO.:

N.B.:



IN MANY CASES, STOLEN VEHICLES CAN BE IDENTIFIED BY DATA IN THE USE / MAINTENANCE BOOKLET.

Safe riding

MAIN SAFETY RULES

The following instructions refer to the normal use of your vehicle and must be carefully observed. Observing these rules will allow you to increase your safety and that of the persons around you as well as maximise the life and usefulness of your vehicle. Two-wheeled vehicles obviously do not offer some of the protections normally provided on cars, so it is essential to wear suitable protective clothing. In particular, when riding the vehicle, always wear a helmet, gloves, protective goggles and a heavy jacket, sturdy footwear and durable long trousers. However, it must always be kept in mind that even the best clothing and helmet cannot protect you in the event of a fall or collision with another vehicle. These features protect you best from scratches and abrasions, but their protective function is minimal in the event of an impact.

Make sure you meet all the requirements of the local law, including driver's license, minimum age, adequate preparation, insurance, taxes, vehicle registration, license plate, etc.



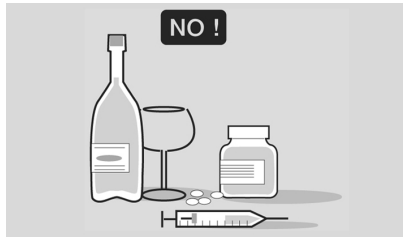
As soon as you receive the vehicle, familiarise yourself by practising in areas with low traffic intensity. Avoid driving the vehicle in heavy traffic areas until you have gained a good experience and total safety in riding.

Although this vehicle is approved for use on motorways and ring roads, it is recommended that you do not travel on these roads at high speed until you have become very familiar with the vehicle and have achieved a high degree of skill in use.

A new vehicle must undergo an accurate break-in. Before starting the engine, make sure the brake, clutch, drive and throttle controls are working properly and check that the oil and fuel level is adequate. The exhaust system, brakes and some vehicle components can get very hot while riding. Do not touch these components.

Consumption of certain drugs and medicines, illegal or prescribed, as well as alcohol greatly increases the risk of accidents.

Do not drive while under the influence of alcohol or drugs, whether they are illegal or licensed by a doctor. Make sure that you are in good physical condition before driving your vehicle.



Do not drive in conditions of particular fatigue or tiredness. Alcohol, drugs and fatigue are the main cause of accidents. Many accidents are due to the driver's inexperience.

Do not ride your vehicle until you have received training from a recognized organization such as the Motorcycle Safety Foundation.

Always keep in mind that driving a two-wheeled vehicle, while easy and fun, is very different from driving a car. Not necessarily an experienced car driver is able to safely drive a two-wheeled vehicle.

NEVER lend the vehicle to other people if you are not sure that they are experts and

in possession of a driving license. Respect all the rules of the road traffic code. In particular, pay attention to all warning, traffic regulation and information signs.

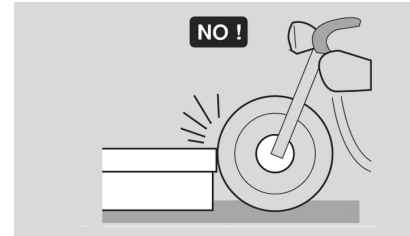
Avoid showing off with dangerous manoeuvres (e.g. rear up). In particular, respect the speed limits and remember that the conditions of the road surface vary according to the weather conditions; wet and icy roads are dangerous especially at high speed.



Car drivers often find it difficult to see two-wheeled vehicles, so always give priority to cars even in cases where according to the road traffic code you would have priority.

Before changing lanes, always check that the road is clear behind you. Do not rely solely on the rear view mirror as it could underestimate the distance and speed of a vehicle or even not see it at all.

Avoid obstacles that could damage the vehicle or lead to loss of control of the vehicle.

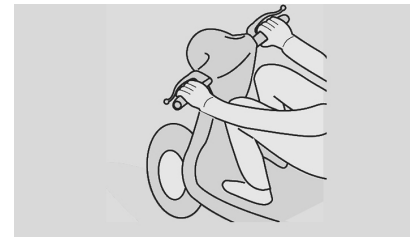


Do not drive close to vehicles like trucks or cars, in front of you and do not remain in their lane to increase speed. In the event of an accident, motorcycles, scooters and mopeds do not offer the same level of protection as cars.

Especially the legs are exposed to the risk of injury. The additional installation of leg pads can concretely increase the risk of injury and the severity in the event of an accident.

Do not install leg pads available on the spare parts and accessories market. Failure to follow these instructions can result in serious injury or even death.

Always ride with both hands on the handlebars and feet on the foot pegs.



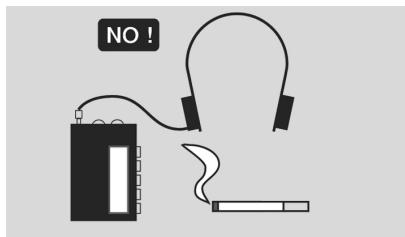
Never change gear without using the clutch if your vehicle is equipped with one. Do not operate the shift lever or other controls abruptly and suddenly.

Misuse of this type could damage the internal components of the vehicle resulting in seizure, loss of control, accidents and serious or even fatal injuries.

Remain seated while driving. Do not stand up or try to stretch yourself while riding the vehicle. If you need to rest, pull over at a safe point on the road.

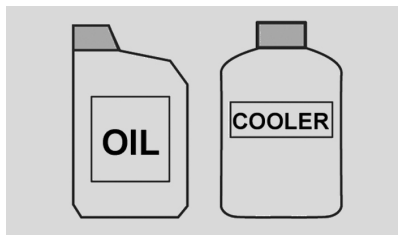
It is very important for your safety to always drive with the utmost attention. Pay attention to your actions, do not be distracted by other vehicles, persons and or things near the road, etc.

Do not smoke, eat, drink, read, etc. while driving the vehicle. If you need to consult a road map, pull over and carry out the operation in complete safety.



Use only the fuels and lubricants specified for the vehicle listed in the RECOMMENDED PRODUCTS TABLE;

regularly check the coolant, fuel and oil levels.



If the throttle remains locked, it could result in a collision with another vehicle or a fall. If the throttle remains locked, stop the engine with the engine stop switch located on the right handlebar.

Do not try to restart the engine until the throttle has been repaired and is fully functional. Failure to observe this warning can result in loss of control resulting in serious injury or even death.

CAUTION



IN THE EVENT OF AN EMERGENCY CAUSING THE THROTTLE TO LOCK, ALWAYS STOP THE ENGINE USING THE ENGINE STOP SWITCH LOCATED NEAR THE THROTTLE GRIP.

DO NOT OPERATE THE VEHICLE IF THE THROTTLE DOES NOT AUTOMATICALLY RETURN

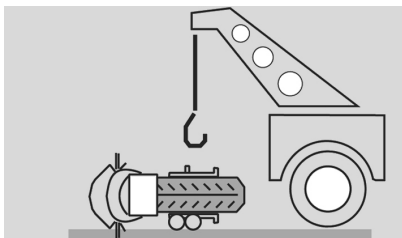
COMPLETELY TO IDLE ONCE THE THROTTLE GRIP IS RELEASED.

FOR REPAIRS, PLEASE CONTACT YOUR LOCAL Moto Guzzi Dealer. FAILURE TO OBSERVE THIS WARNING COULD LEAD TO SERIOUS ACCIDENT WITH CONSEQUENT INJURY OR EVEN DEATH.

If you have been involved in an accident with your vehicle, make sure that the control levers, pipes, cables, brake system or other vital components have not been damaged. If your vehicle has been involved in an accident, immediately contact your local **Moto Guzzi** dealer who has the necessary equipment and knowledge to check for any damage that could compromise your safety.

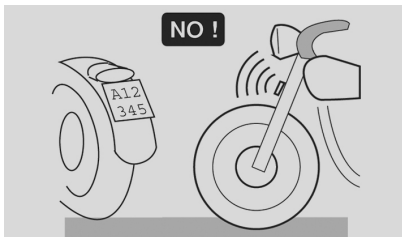
Your **Moto Guzzi** dealer can help you to solve all safety problems under the condition that all mechanical malfunctions are reported to him.

Do not use the damaged vehicle. A damaged vehicle could lose stability or have other problems that could increase the risk of an accident resulting in serious injury or even death.



Do not try to change the position, angle or colour of your license plate. The license plate shall not be covered in any way, not even with transparent plastic. Do not modify the safety features of your vehicle, especially components such as turn indicators, rear view mirrors, lights or horns.

Any modification to the vehicle will result in the cancellation of the warranty. Do not modify the engine in order to increase its power. This could cause irreparable damage to the engine as well as compromise its performance and vehicle handling resulting in a fall and serious or even fatal injuries.



To repair your vehicle, use only original **Moto Guzzi** accessories or **Moto Guzzi** approved accessories. The use of aftermarket accessories and parts can seriously affect the safety of your vehicle as well as its performance and use. Any changes that affect performance or safety void the entire warranty.

Tampering with the emission and noise control system is prohibited by law and can be severely punished.

For some jurisdictions, vehicle confiscation is also provided.

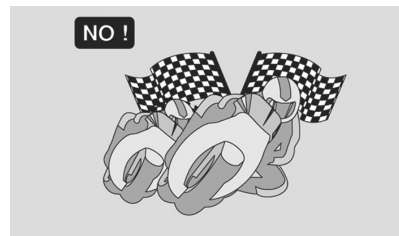


This vehicle is not intended to be equipped with a sidecar or to be used to tow trailers or other vehicles.

Moto Guzzi does not produce sidecars or trailers and can therefore not predict the consequences that these accessories may have on the handling and stability of the vehicle: however, it is warned that these effects could be negative and the guarantee is not recognised for any damage to components of the vehicle due to the use of accessories of this type.



Never use your vehicle to compete with other vehicles.



Brake using both the front and rear brakes. Using only one brake in the event of hard braking could cause the vehicle to skid or cause the driver to lose control of the vehicle.

When driving downhill, take advantage of the engine's braking action by selecting the same gear or a lower gear than those normally used uphill. Use the front and rear brake with moderation.

Always travel at an adequate speed and avoid unnecessary sudden acceleration not only for greater safety, but also to reduce

fuel consumption and increase the life of the vehicle.

When using the vehicle on wet or slippery surfaces, always bear in mind that grip decreases significantly. In these conditions, always manoeuvre the vehicle slowly and with the utmost caution.

Accelerating, braking, or sudden turns can cause you to lose control of the vehicle. When grip is reduced, accelerate and slow down using the engine braking force as much as possible. Avoid braking hard and too fast.

Slowly open and close the throttle to avoid spinning or skidding the rear wheel.

Slow down and drive carefully on uneven road surfaces.

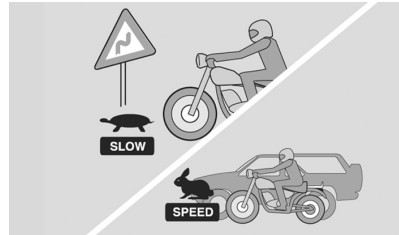


Avoid accelerating by turning the throttle completely except in cases of absolute necessity such as overtaking.

Do not let the engine work "under stress", that means too low a number of revolutions. Downshift to a lower gear. Do not run the

engine excessively. Observe the red line on the speedometer.

Remember that excessively aggressive cornering can cause the tyre to lose grip on the tyre sidewall resulting in a fall and serious injury or even death.



Always respect the speed limits imposed by law taking into consideration that it is not always possible to drive up to the indicated speed limit in all road conditions. Slowing down slightly increases your safety considerably in all road conditions.

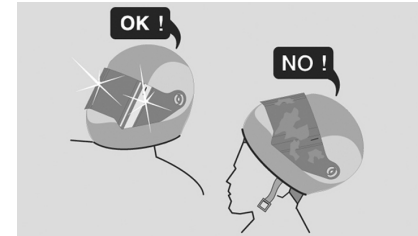
Do not ride the vehicle off-road.

Do not tamper with the exhaust or emissions control system of your vehicle as this is not only a form of environmental protection, but could incur criminal penalties.



CLOTHING

Before riding the vehicle, make sure your clothing is in suitable condition. Wear the helmet correctly making sure that the visor or goggles are clean.



Research and experience have shown that drivers of other vehicles often do not see the vehicles or motorcyclists. To make yourself more visible to other drivers, wear reflective clothing such as light-refracting vests or other types of clothing with reflective areas sewn onto the jacket, pants and gloves. Be especially careful of trucks and cars arriving from the oncoming lane as they may turn left right in front of you. Many traffic accidents are caused by a driver on the opposite side

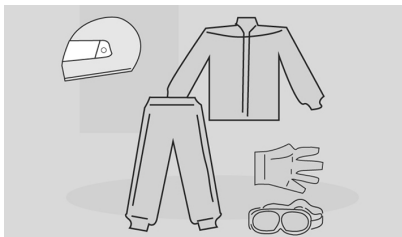
turning left without considering the vehicle in front.

Inevitably, the driver in front of you will swear only having seen you when, after turning, being in your lane. Drive carefully!

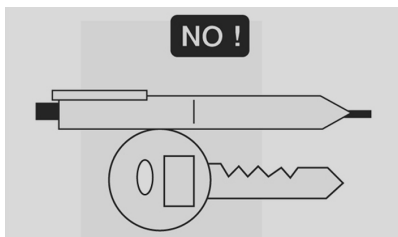
Wear appropriate protective clothes, preferably light-coloured and/or in reflective material. This way you are more visible to other drivers, considerably reducing the risk of being hit and enjoying greater protection in the event of an accident.

Always wear helmet.

Clothing should be particularly tight and closed at the wrists and ankles. Cords, belts and ties shall not hang out; prevent these and other objects from interfering with driving as they can get entangled with moving parts or driving mechanisms.



Do not keep sharp objects in your pocket which could be dangerous in case of a fall, e.g. keys, lead pencil, etc. Make sure that all other passenger also follow these recommendations.



ACCESSORIES

The vehicle owner is responsible for the selection, installation and use of all accessories.

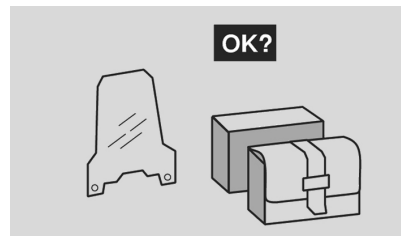
Installing inappropriate accessories or overloading the vehicle could make the vehicle unstable and lead to accidents resulting in serious injury or even death. Windscreens are particularly dangerous in the event of an accident as if they break they could injure or cut the rider. In case of doubt about any accessory to be installed or any load to be transported, we recommend you to consult your local **Moto Guzzi** dealer in advance.

Do not install accessories which cover or limit the operation of the horns or lights, which limit the suspension travel and the steering angle, which hinder the operation of the controls and reduce the ground clearance and lean angle when cornering .

Do not use accessories that hinder access to the controls as they may increase the reaction time in case of an emergency.

The fairings and windscreens mounted on the vehicle can give rise to aerodynamic forces such as to compromise the stability of the vehicle while riding, particularly at high speeds.

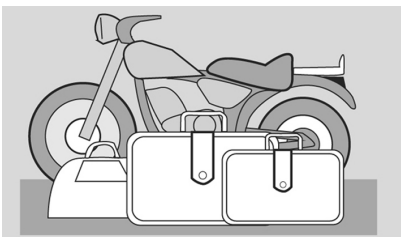
Make sure that everything that is mounted on the vehicle is securely fixed, cannot come off and lock wheels, forks, etc. Do not install electrical accessories and do not modify the vehicle electrical system. Any component that could cause an overload or electrical fault could result in the vehicle being stopped immediately, the lights or beeps turned off or dimmed, or malfunction of other safety accessories. Use only original **Moto Guzzi** accessories.



LOADING

Do not overload the vehicle.

Secure bags or luggage as close to the vehicle's centre of gravity as possible and distribute the load as evenly as possible between the two sides to minimise imbalance. Always remember that loads tend to loosen during travel and therefore often check the safety of your load.



Do not let objects hang from the vehicle's semi-handlebars, mudguards or forks as they may impair the handling of the vehicle and prevent you from avoiding an accident. Failure to observe this warning can lead to a fall resulting in serious injury or even death.

Do not ride with the helmet hanging from the strap as it could easily get caught on the wheels, mudguard or forks causing a fall and result in serious injury or even death.



Only carry a passenger if the vehicle is equipped with passenger footrests, passenger grips and saddle.

When carrying a passenger, always remember that the vehicle has reduced handling, that the brakes are less effective

and that the centre of gravity is higher and further back.

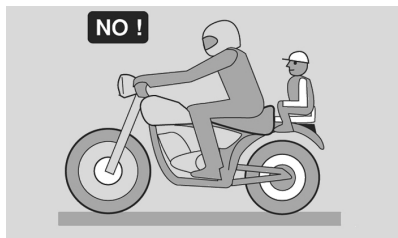
This favours the detachment of the front wheel from the ground especially during acceleration. Therefore, avoid abrupt acceleration and braking. Many accidents are caused by inexperienced riders carrying a passenger. Remember to carry out the riding manoeuvres with greater tolerance in case of excessive passenger weight.

Avoid sudden and excessive acceleration. Always slowdown in advance and calculate longer braking and manoeuvring distances. Failure to observe these instructions could result in the vehicle overturning or other accidents resulting in serious injury or even death.

Never transport items that are not anchored and make sure that everything transported on the vehicle is carefully secured.

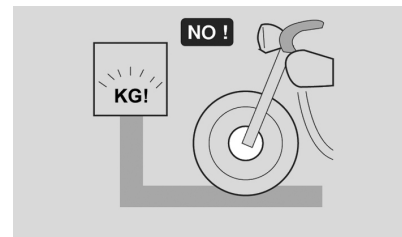
Do not carry luggage that protrudes from the luggage rack or that covers the lights, horn and headlamps.

Do not carry animals or children on the glove box or luggage rack.



Never exceed the maximum load indicated for each bag.

Overloading your vehicle can seriously reduce its stability and handling leading to a fall resulting in serious injury or even death.

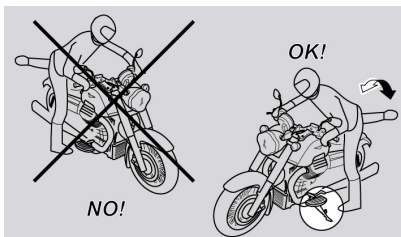


Basic safety rules

The following recommendations should receive your maximum attention, because they are provided to increase your safety, and decrease damage to people, things and vehicles, in the case of a fall of the rider or passenger from the vehicle and/or from the fall or overturning of the vehicle.

Mounting and dismounting the vehicle should always be performed with total freedom of movement and with the hands free of all objects. (i.e.- objects, helmet, gloves, or glasses).

Mount and dismount only on the left side of the vehicle, and only with the side stand lowered.



The stand is designed to support the weight of the vehicle and a small additional weight, which does not include the rider and passenger.

Mounting into driving position, with the side stand in place, is permitted only to prevent the possibility of the vehicle falling or overturn, and does not indicate the possibility for the rider and passenger's weight to be placed on the side stand.

During mounting and dismounting the vehicle's weight can cause a loss of balance, with consequent loss of equilibrium and the possibility of falling or overturning.

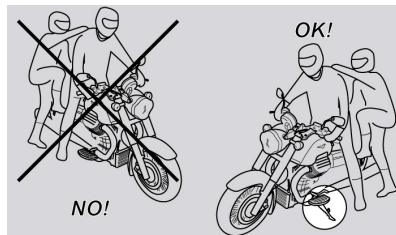
CAUTION



THE RIDER SHOULD ALWAYS BE THE FIRST TO GET ON AND THE LAST TO GET OFF THE VEHICLE AND SHOULD CONTROL THE STABILITY AND BALANCE OF THE VEHICLE

WHEN THE PASSENGER GETS ON AND OFF.

In any case, the passenger should mount and dismount the vehicle using caution to avoid causing the vehicle or the rider to lose balance.



CAUTION



THE RIDER MUST INSTRUCT THE PASSENGER HOW TO GET ON AND OFF THE VEHICLE.

THE VEHICLE INCLUDES PASSENGER FOOTRESTS WHICH SHOULD BE USED DURING MOUNTING AND DISMOUNTING. THE PASSENGER SHOULD ALWAYS USE THE LEFT FOOTREST FOR MOUNTING AND DISMOUNTING FROM THE VEHICLE.

DO NOT DISMOUNT OR EVEN ATTEMPT TO DISMOUNT BY JUMPING OR STRETCHING OUT YOUR LEG IN

ORDER TO TOUCH THE GROUND. IN BOTH CASES THE STABILITY AND EQUILIBRIUM OF THE VEHICLE COULD BE COMPROMISED.

CAUTION



BAGGAGE OR OBJECTS ATTACHED TO THE REAR PART OF THE VEHICLE CAN CREATE AN OBSTACLE DURING MOUNTING AND DISMOUNTING FROM THE VEHICLE.

IN ALL CASES, THINK AHEAD AND MOVE YOUR RIGHT LEG CAREFULLY, AS IT WILL HAVE TO AVOID AND CLEAR THE REAR PART OF THE VEHICLE (INCLUDING BAGGAGE AND THE TAIL FAIRING) WITHOUT CAUSING LOSS OF BALANCE.

(if applicable)

CAUTION



BEFORE DEPARTURE, MAKE SURE THAT THE CASES ARE CLOSED AND CORRECTLY FASTENED TO THE VEHICLE.

THE CASES MUST NOT BE USED AS SUPPORT AND THE HANDLES MUST NOT BE USED AS ANCHOR POINTS FOR THE PASSENGER.

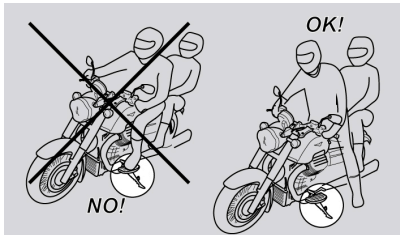
MOUNTING

- Grip the handlebar properly and mount the vehicle without placing your weight upon the side stand.

CAUTION



IN THE CASE THAT YOU ARE NOT ABLE TO REST BOTH FEET ON THE GROUND, PUT THE RIGHT FOOT ON THE GROUND, (IN THE CASE OF A LOSS OF BALANCE THE LEFT SIDE IS "PROTECTED" BY THE SIDE STAND) AND KEEP YOUR LEFT FOOT READY TO BE POSITIONED.



- Place both feet on the ground and straighten the vehicle into the

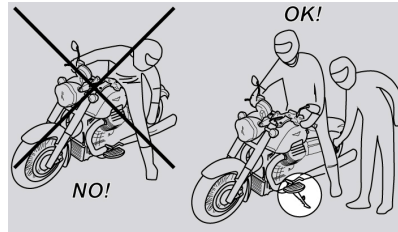
driving position, always maintaining its equilibrium.

CAUTION



THE RIDER SHOULD NOT OPEN OR TRY TO OPEN THE PASSENGER FOOTRESTS FROM THE RIDER'S SEAT, AS IT COULD COMPROMISE THE STABILITY AND BALANCE OF THE VEHICLE.

- Have the passenger open the two passenger foot pegs.
- Show the passenger how to mount the vehicle.
- Use your left foot to push on the side stand and make it fully return to its position.



DISMOUNTING

- Select an appropriate parking spot.
- Stop the vehicle.

CAUTION



MAKE SURE THAT THE GROUND ON WHICH THE MOTORCYCLE IS PARKED IS FIRM, EVEN AND FREE OF OBSTACLES.

- Use the heel of your left foot to completely open the side stand.

CAUTION



IN THE CASE THAT YOU ARE NOT ABLE TO REST BOTH FEET ON THE GROUND, PUT THE RIGHT FOOT ON THE GROUND, (IN THE CASE OF A LOSS OF BALANCE THE LEFT SIDE IS "PROTECTED" BY THE SIDE STAND) AND KEEP YOUR LEFT FOOT READY TO BE POSITIONED.

- Place both feet on the ground and keep the vehicle balanced in the driving position.
- Show the passenger how to dismount from the vehicle.

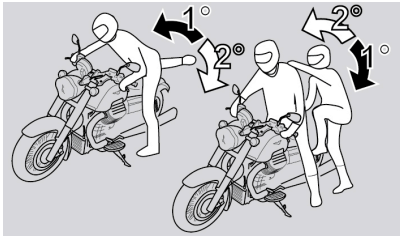
CAUTION



RISK OF FALLING OR OVERTURNING.

MAKE SURE THE PASSENGER HAS COME DOWN FROM THE VEHICLE.

DO NOT PLACE YOUR WEIGHT UPON THE SIDE STAND.



- Lean the motorcycle until the stand touches the ground.
- Correctly grip the handlebar, and dismount from the vehicle.
- Turn the handlebar completely to the left.
- Place the passenger footrest in its place.

CAUTION



CHECK THE STABILITY OF THE VEHICLE.

V7



CHAPTER 04 **Maintenance**

Foreword

In general terms, scheduled maintenance can be carried out by the owner; however, some operations may require specific tools and technical training. For periodic maintenance, servicing or technical advice, contact an **Official Moto Guzzi Dealer** for prompt and accurate service.

N.B.:



THE ELECTRONIC CONTROL SYSTEM OF THIS VEHICLE IDENTIFIES FAULTS IN REAL TIME AND STORES THEM IN ITS MEMORY FOR SUBSEQUENT READING WITH THE DIAGNOSTIC SYSTEM USED BY Authorised Moto Guzzi Dealers.

ANY TIME THE IGNITION SWITCH IS SET TO "ON", THE "GENERAL ALARM" WARNING LIGHT ON THE INSTRUMENT PANEL TURNS ON FOR THREE SECONDS. IF THE WARNING LIGHT TURNS OFF, IT MEANS THAT THERE ARE NO MALFUNCTIONS.

N.B.:



CARRY OUT MAINTENANCE OPERATIONS AT HALF THE INTERVALS SPECIFIED IF THE VEHICLE IS USED IN PARTICULAR RAINY OR DUSTY CONDITIONS, OFF ROAD OR FOR TRACK USE.

Engine oil level

CAUTION



CORRECT VEHICLE LUBRICATION IS A VERY DELICATE OPERATION FOR THE SAFETY. PAY ATTENTION TO KEEP THE LUBRICANT AT THE RIGHT LEVEL AND TO USE A GOOD QUALITY OIL OF THE CORRECT TYPE FOR YOUR VEHICLE OTHERWISE, THERE COULD BE ENGINE GRIPPING WHICH CAN CAUSE SERIOUS ACCIDENT OR EVEN DEATH.

CAUTION



USE LATEX GLOVES FOR MAINTENANCE OPERATIONS THAT REQUIRE CONTACT WITH THE USED OIL. THE USE OF ENGINE OIL CAN CAUSE SKIN TUMOURS IF HANDLED FOR A LONG TIME AND DAILY.

CAREFULLY WASH YOUR HANDS WITH WATER AND SOAP AFTER USING USED ENGINE OIL.

KEEP OUT OF THE REACH OF CHILDREN.

DISPOSE OF OIL CORRECTLY.

WARNING



PAY UTMOST ATTENTION WHEN PUTTING OIL IN YOUR VEHICLE NOT TO SPILL IT OUT.

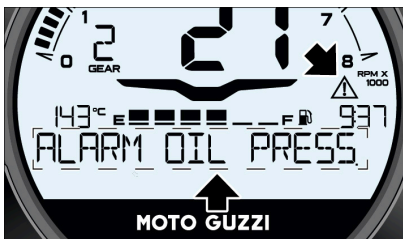
IMMEDIATELY CLEAN ANY DROP OF SPILLED OIL AS THE OIL CAN COMPROMISE THE FINISHING OF YOUR VEHICLE. FURTHER, OIL MAKES TYRES EXTREMELY SLIPPERY AND THUS INCREASES THE RISK OF DANGEROUS ACCIDENTS AND SITUATIONS.

IN CASE OF OIL LOSS, DO NOT DRIVE YOUR VEHICLE. BEFORE USING THE VEHICLE, HAVE IT REPAIRED BY AN Official Moto Guzzi Dealer.

CAUTION



IF A POP-UP APPEARS ON THE DISPLAY WITH THE MESSAGE "ALARM OIL PRESSURE" OR "ALARM OIL SENSOR" AND AT THE SAME TIME THE GENERAL WARNING ICON LIGHTS UP AFTER THE ENGINE HAS BEEN STARTED OR WHILE RIDING, THIS MEANS THAT THE OIL IS NOT BUILDING ENOUGH PRESSURE OR AN OIL PRESSURE SENSOR ANOMALY HAS BEEN DETECTED. IN BOTH CASES, STOP THE ENGINE IMMEDIATELY AND CONTACT AN Official Moto Guzzi Dealer. FAILURE TO FOLLOW THIS WARNING CAN LEAD TO ENGINE SEIZURE, WHICH CAN CAUSE SERIOUS ACCIDENTS, EVEN DEATH.



Checking the engine oil level

Check the engine oil level frequently.

N.B.:



CARRY OUT MAINTENANCE OPERATIONS AT HALF THE INTERVALS SPECIFIED IF THE VEHICLE IS USED IN PARTICULAR RAINY OR DUSTY CONDITIONS, OFF ROAD OR FOR TRACK USE.

WARNING



THE OIL LEVEL MUST BE CHECKED WHEN THE ENGINE IS WARM.

WARNING



DO NOT LET THE ENGINE IDLE WITH THE VEHICLE AT A STANDSTILL TO WARM UP THE ENGINE AND OBTAIN THE OPERATING TEMPERATURE OF ENGINE OIL.

PREFERABLY CHECK THE OIL AFTER A JOURNEY OF AFTER TRAVELLING APPROXIMATELY 15 Km (10 miles) IN EXTRA-URBAN CONDITIONS (ENOUGH TO WARM UP THE ENGINE OIL TO OPERATING TEMPERATURE).

- Shut off the engine.
- Keep the vehicle upright with both wheels on the earth.
- Check the engine oil level through the inspection window on the crankcase.

MAX (top notch) = maximum level.



The level is correct if it reaches the "MAX" level.

Engine oil top-up

If the engine oil needs to be topped up, proceed as follows:

- Unscrew and remove the cap.
- Pour in the necessary quantity of engine oil to reach the correct level.

WARNING



ONLY USE THE ENGINE OIL TYPE INDICATED IN THE RECOMMENDED FLUIDS AND LUBRICANTS TABLE.

WARNING

DO NOT ADD ADDITIVES OR ANY OTHER SUBSTANCES TO THE OIL. WHEN USING A FUNNEL OR ANY OTHER ELEMENT, MAKE SURE IT IS PERFECTLY CLEAN.

Engine oil change**WARNING**

THE ENGINE OIL MUST BE CHECKED AND CHANGED BY AN Official Moto Guzzi Dealership.

Engine oil filter replacement**WARNING**

THE ENGINE OIL FILTER MUST BE CHECKED AND CHANGED BY AN Official Moto Guzzi Dealership.

Gearbox oil level**WARNING**

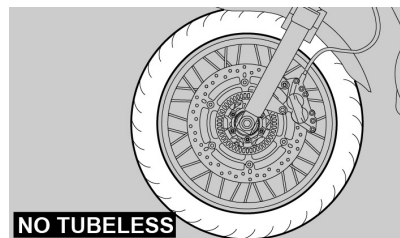
THE GEARBOX OIL MUST BE CHECKED AND CHANGED BY AN Official Moto Guzzi Dealership.

Bevel gear oil level**WARNING**

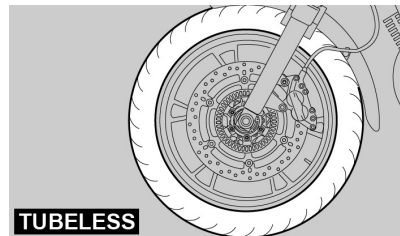
TO TOP-UP OR CHANGE THE OIL IN THE CARDAN SHAFT TRANSMISSION UNIT, CONTACT AN Official Moto Guzzi Dealer.

Tyres**(SPOKED WHEEL)**

This vehicle is fitted with tyres with inner tubes (not tubeless).

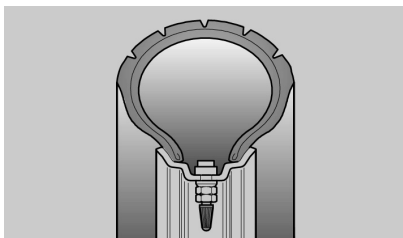
**(ALLOY WHEEL)**

This vehicle is fitted with tyres without inner tubes (tubeless).

**CAUTION**

WE RECOMMEND SETTING THE MGCT SYSTEM TO LEVEL «2» AND KEEPING THIS LEVEL ACTIVE FOR THE ENTIRE RUN-IN PERIOD TO ENABLE THE TYRES TO ADAPT TO THE ROAD CONDITIONS CORRECTLY.

THE SAME NOTE ALSO APPLIES WHEN CHANGING THE TYRES.



CAUTION



TO ALLOW THE QUICK REACHING OF THE PERFECT GRIP OF NEW TYRES AT THE FIRST MILEAGE, IT IS RECOMMENDED A PARTICULARLY CAREFUL GUIDE OF THE MOTORCYCLE, AVOIDING SUDDEN STEERING OR VIOLENT ACCELERATION AND BRAKING.

CAUTION



CHECK TYRE INFLATION PRESSURE REGULARLY AT AMBIENT TEMPERATURE. MEASUREMENTS MAY BE INCORRECT IF TYRES

ARE WARM. CHECK PRESSURE MAINLY BEFORE AND AFTER LONG TRIPS. AN OVER-INFLATED TYRE WILL PROVIDE A HARSH RIDE AS SURFACE UNEVENNESS IS NOT CUSHIONED AND IS SENT TO THE HANDLEBAR, THUS REDUCING GRIP AND ROAD HOLDING SPECIALLY WHEN CORNERING.

ON THE OTHER HAND, AN UNDER-INFLATED TYRE CAUSES THE CONTACT PATCH TO INCLUDE A LARGER PORTION OF THE TYRE SIDE WALLS. IF SO, THE TYRE MIGHT SLIP ON OR GET DETACHED FROM THE WHEEL RIM, RESULTING IN LOSS OF CONTROL OVER THE VEHICLE.

EVENTUALLY THE VEHICLE MIGHT SKID IN A BEND.

CHECK THE SURFACE CONDITION AND WEAR BECAUSE POOR TYRE CONDITION COULD COMPROMISE GRIP AND HANDLING OF THE VEHICLE.

SOME TYRE TYPES APPROVED FOR THIS VEHICLE FEATURE WEAR INDICATORS.

THERE ARE SEVERAL TYPES OF WEAR INDICATORS. CONSULT YOUR DEALER ON METHODS TO CHECK FOR WEAR.

CARRY OUT A VISUAL INSPECTION FOR TYRE WEAR AND TEAR, REPLACE TYRES WHEN WORN.

WHEN TYRES ARE OLD, THE MATERIAL MAY HARDEN AND NOT PROVIDE ADEQUATE ROAD HOLDING, EVEN IF TYRES ARE STILL WITHIN THE WEAR LIMIT. REPLACE TYRES IF THIS OCCURS. REPLACE THE TYRE IF IT IS WORN OR IF THERE IS A PUNCTURE LARGER THAN 5 mm (0.197 in) IN THE TREAD AREA.

THE WHEELS MUST BE BALANCED AFTER A TYRE IS MENDED.

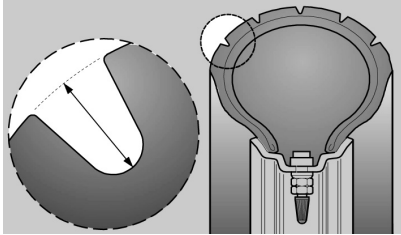
USE ONLY TYRE SIZES INDICATED BY THE MANUFACTURER. DO NOT FIT TYRES WITH INNER TUBES ON RIMS FOR TUBELESS TYRES OR VICE VERSA. CHECK THAT THE INFLATION VALVES HAVE THEIR CAPS FITTED TO AVOID UNEXPECTED FLAT TYRES.

REPLACEMENT, REPAIR, MAINTENANCE AND BALANCING OPERATIONS ARE HIGHLY IMPORTANT AND SO THEY SHOULD BE CARRIED USING THE SPECIFIC TOOLS AND WITH ADEQUATE EXPERTISE. HAVE YOUR TYRES AND WHEELS SERVICED AT AN AUTHORISED DEALER OR A SPECIALISED TYRE WORKSHOP.

NEW TYRES MAY BE COATED WITH AN OILY FILM: RIDE WITH CAUTION DURING THE FIRST KILOMETRES. DO NOT APPLY UNSUITABLE LIQUIDS ON TYRES.

Minimum tread depth:

- front and rear 2 mm (0.079 in) (US 3 mm) (US 0.118 in);
- and not lower than indicated by legislation in force in the country where the vehicle is used.



Spark plug removal

WARNING



FOR REMOVAL, CHECK, AND REPLACEMENT OF THE SPARK PLUGS CONTACT AN OFFICIAL Moto Guzzi Dealer.

Air filter removal

WARNING



TO REMOVE, CHECK AND REPLACE THE AIR FILTER, CONTACT AN Official Moto Guzzi Dealer.

Brake fluid level check

FRONT BRAKE

WARNING



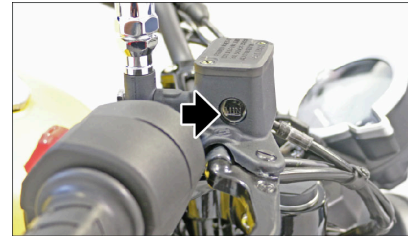
FLUID LEVEL DECREASES GRADUALLY AS BRAKE PADS WEAR DOWN.

CONTROL

Moto Guzzi V7 SPECIAL - STONE

- Rest the vehicle on its stand
- Turn the handlebar so that the fluid is at the same level as the plug.
- Check that the fluid in the reservoir is above the 'MIN' reference mark

MIN = minimum level



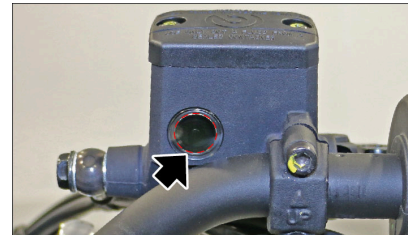
If the fluid does not reach at least the "MIN" reference mark:

- Check brake pads and discs for wear.

If the brake pads and/or brake discs do not have to be replaced, have the braking system checked at an **Official Moto Guzzi Dealership**.

Moto Guzzi V7 SPORT

- Rest the vehicle on its stand
- Turn the handlebar so that the fluid is at the same level as the plug.
- Check that the liquid content in the tank exceeds the minimum reference, indicated by the lower edge of the inner ring in the inspection port.



If the fluid does not reach at least the minimum reference mark:

- Check brake pads and discs for wear.

If the brake pads and/or brake discs do not have to be replaced, have the braking system checked at an **Official Moto Guzzi Dealership**.

REAR BRAKE

WARNING



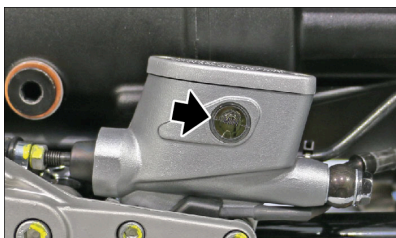
FLUID LEVEL DECREASES GRADUALLY AS BRAKE PADS WEAR DOWN.

CONTROL

- Keep the vehicle upright so that the fluid in the reservoir is at the same level as the plug.
- Make sure that the fluid level in the reservoir is above the "MIN" reference mark.

MIN = minimum level

If the fluid does not reach at least the "**MIN**" reference mark:



- Check brake pads and discs for wear.

If the brake pads and/or brake discs do not have to be replaced, have the braking system checked at an **Official Moto Guzzi Dealership**.

Topping up brake fluid

WARNING



FOR THE TOP-UP OF THE BRAKING SYSTEMS COOLANT, CONTACT AN Official Moto Guzzi Dealer.

Battery

Removal

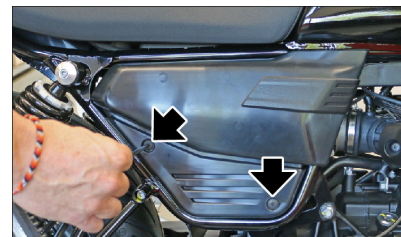
To remove the battery, the right side fairing must be removed as follows:

WARNING

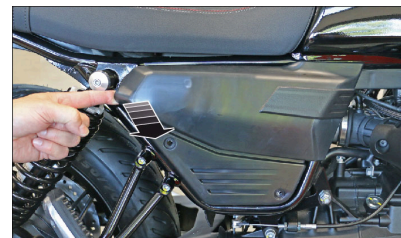


HANDLE PAINTED AND PLASTIC COMPONENTS WITH CARE; BE CAREFUL NOT TO SCRATCH OR DAMAGE THEM.

- Loosen the two fastening screws.



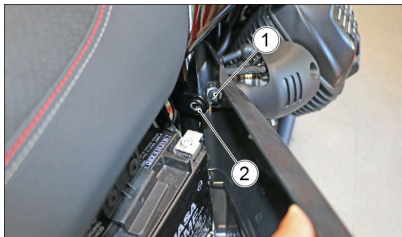
- Bring the rear side of the fairing outwards, as shown.



- Push the fairing toward the front part of the vehicle and then remove it from the vehicle.



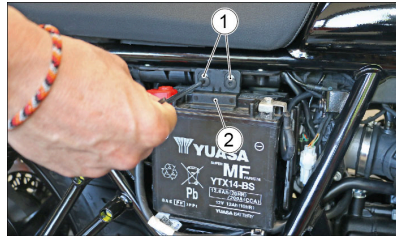
For reassembly, carry out removal operations in reverse order, paying attention to the correct insertion of the front pin (1) of the fairing into its seat (2) on the vehicle.



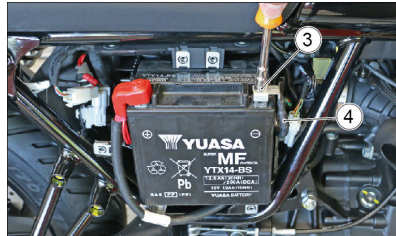
Battery removal

After removing the right side fairing:

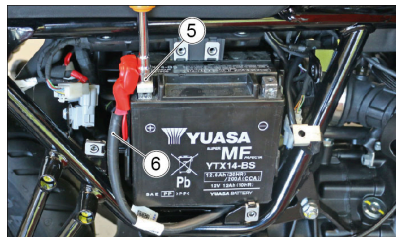
- Make sure the ignition switch is set to 'KEY OFF'.
- Undo the two fixing screws (1) and remove the retaining bracket (2).



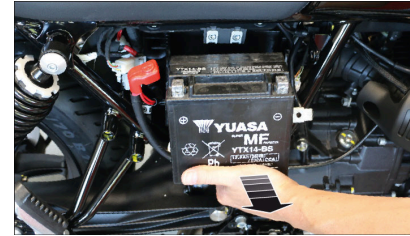
- Unscrew and remove the screw (3) of the negative terminal (-).
- Move the negative lead (4) aside.



- Unscrew and remove the screw (5) of the positive terminal (+).
- Move the positive lead (6) aside.



- Grip the battery firmly and remove from its seat.
- Put the battery away on a level surface, in a cool and dry place.



N.B.:



REMOVING THE BATTERY RESETS THE DIGITAL CLOCK AND THE TRIP JOURNAL FUNCTIONS.

CAUTION



ONCE REMOVED, THE BATTERY MUST BE PUT AWAY IN A SAFE PLACE OUT OF THE REACH OF CHILDREN.

To install a new battery follow the operations described above but in reverse order.

WARNING

UPON REFITTING, CONNECT THE LEAD TO THE POSITIVE TERMINAL (+) FIRST AND AFTERWARDS THE LEAD TO THE NEGATIVE TERMINAL (-).

WARNING

CHECK THAT THE CABLE TERMINALS AND BATTERY LEADS ARE:

- **IN GOOD CONDITION (NOT CORRODED OR COVERED BY DEPOSITS);**
- **COVERED BY NEUTRAL GREASE OR PETROLEUM JELLY.**

Charging the battery

- Remove the battery.
- Get an adequate battery charger.
- Set the battery charger for the recharge type indicated.
- Connect the battery to the battery charger.

CAUTION

WHEN RECHARGING OR USING THE BATTERY, BE CAREFUL TO HAVE THE ROOM ADEQUATELY AIRED. DO NOT BREATHE GASES RELEASED WHEN THE BATTERY IS RECHARGING.

- Switch on the battery charger.

CHARGE MODES**Normal recharge**

- Electric current: 1,4 A
- Time: 5-10 hours

Quick charge

- Electric current: 6 A
- Time: 1 hours

Prolonged inactivity

If the vehicle is inactive longer than fifteen days, it is necessary to recharge the battery to avoid sulphation.

- Remove the battery and put it away in a cool and dry place.

In winter or when the vehicle is out of use for prolonged periods, check charge level frequently (about once a month) to prevent deterioration.

- Recharge it fully with an ordinary charge.

If the battery is still on the vehicle, disconnect the cables from the terminals.

Checking and cleaning terminals and leads

- Partially remove the battery from its housing.
- Check that the battery cable terminals and leads are in good conditions (not corroded or covered by deposits) and covered with neutral grease or petroleum jelly.

Fuses

It is necessary to check the fuses whenever an electrical component fails to operate or malfunctions or when the engine does not start.

Start by checking the secondary fuses in order of size (from the lowest amperage fuse to the highest), and then check the 30A main fuse.

WARNING

DO NOT ATTEMPT TO REPAIR FAULTY FUSES.

NEVER USE A FUSE THAT IS DIFFERENT THAN WHAT IS SPECIFIED TO PREVENT DAMAGES TO THE ELECTRICAL SYSTEM OR SHORT CIRCUITS, AND THE RISK OF FIRE.

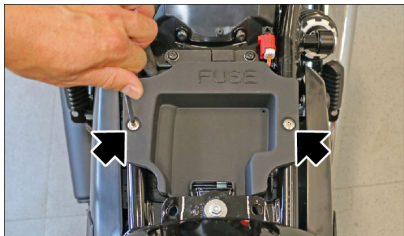
WARNING



A FUSE THAT BLOWS FREQUENTLY MAY INDICATE A SHORT CIRCUIT OR OVERLOAD. IF THIS OCCURS, CONTACT AN Official Guzzi Dealer.

To check:

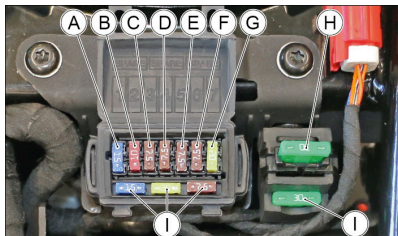
- Set the ignition switch to 'OFF' to avoid an accidental short circuit.
- Remove the seat.
- Remove the two fixing screws of the storage compartment;.



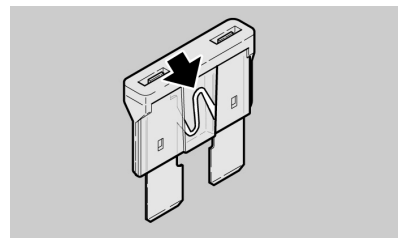
- Remove the glove compartment from the vehicle to access the fuse boxes



- Open the cover of the auxiliary fuses box.



- Take out one fuse at a time and check if the filament is broken.
- Before replacing the fuse, find and solve, if possible, the reason that caused the problem.
- If the fuse is damaged, replace it with one of the same current rating.



N.B.:



IF THE SPARE FUSE IS USED, REPLACE WITH ONE OF THE SAME TYPE IN THE CORRESPONDING FITTING.

AUXILIARY FUSES DISTRIBUTION

A) 15A fuse	Power feed: ECU, Fuel pump relay lambda probe, Injectors, coils, SAS valve PURGE valves.
-------------	--

AUXILIARY FUSES DISTRIBUTION

B) 10A fuse Daylight running lights, low beam lights, high beam lights, number plate light stop lights, Horn.

C) 7.5A fuse Key-on positive: ECU, ABS, instrument cluster, RH light switch (START), GMP, OBD2 port, Anti-theft system. Secondary starter relay

D) 7.5A fuse Positive key-on power for USB port for recharge. Heated grips.

E) 7.5A fuse Permanent positive:

AUXILIARY FUSES DISTRIBUTION

Pre-installation for anti-theft device
OBD 2 socket, instrument panel.

F) 7.5A fuse ECU permanent positive feed.

G) 20A fuse ABS power feed.

I) spare fuses

LOCATION OF THE MAIN FUSE

H) 30A fuse Loads of the entire vehicle

I) spare fuse

WARNING

REMOVING THE 30A FUSE WILL RESET THE: DIGITAL CLOCK AND TRIP INFORMATION.

Front light cluster**WARNING**

TO REMOVE, CHECK AND REPLACE THE FRONT LIGHT ASSEMBLY LAMPS, CONTACT AN Authorised Moto Guzzi Dealership.

Headlight adjustment

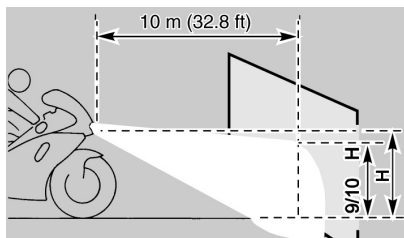
N.B.:



IN COMPLIANCE WITH LOCAL LEGAL REQUIREMENTS, SPECIFIC PROCEDURES MUST BE FOLLOWED WHEN CHECKING LIGHT BEAM ADJUSTMENT.

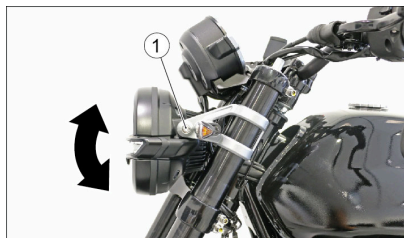
For a quick check of the correct direction of the front light beam:

- Place the vehicle 10 m (32.81 ft) away from a vertical wall and make sure the ground is level.
- Turn on the low beam light, sit on the vehicle and check that the light beam projected to the wall is a little below the headlight horizontal straight line (about 9/10 of the total height).



In order to carry out the vertical adjustment of the light beam:

- Stand the motorcycle in a vertical position.
- Slightly loosen the headlight fixing screws (1) on both sides, and move the light beam manually to the desired position.
- Once the adjustment is finished tighten the screws (1).



After adjusting:

N.B.:



CHECK THAT THE VERTICAL ALIGNMENT OF THE BEAM IS CORRECT.

Front turn indicators

WARNING



TO REMOVE, CHECK AND REPLACE THE FRONT TURN INDICATORS, PLEASE CONTACT AN Authorised Moto Guzzi Dealership.

Rear light assembly

WARNING



TO REMOVE, CHECK AND REPLACE THE REAR LIGHT ASSEMBLY, CONTACT AN Authorised Moto Guzzi Dealership.

Rear turn indicators

WARNING



TO REMOVE, CHECK AND REPLACE THE REAR TURN INDICATORS, PLEASE CONTACT AN Authorised Moto Guzzi Dealership.

Rear-view mirrors

CAUTION



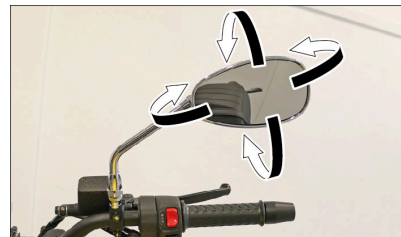
DO NOT RIDE WITH REAR-VIEW MIRRORS INCORRECTLY SET.

ALWAYS CHECK THAT THE MIRRORS ARE ADJUSTED CORRECTLY BEFORE SETTING OFF.

Rear-view mirrors adjustment:

Moto Guzzi V7 SPECIAL - STONE

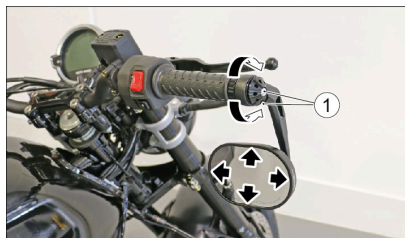
- Get onto the bike in the riding position.
- Make sure there is no dirt or mud.
- Turn the mirror, correctly adjusting the inclination.



Repeat the procedure to adjust the other mirror.

Moto Guzzi V7 SPORT

- Get onto the bike in the riding position.
- Make sure there is no dirt or mud.
- Turn the mirror, correctly adjusting the inclination.
- It is also possible to rotate the entire mirror up or down to better match the driver's height for optimum view.



Repeat the procedure to adjust the other mirror.

N.B.:



DO NOT USE THE MIRROR ADJUSTMENT SCREWS (1).

Removing the rear-view mirrors:

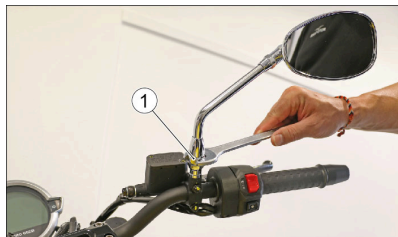
CAUTION



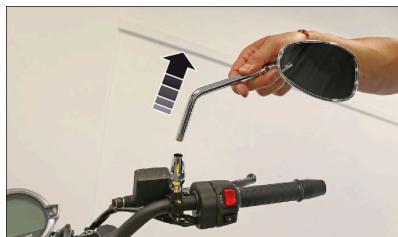
THE VEHICLE MAY NOT BE RIDDEN ON PUBLIC ROADS WITH THE REAR VIEW MIRRORS REMOVED.

Moto Guzzi V7 SPECIAL - STONE

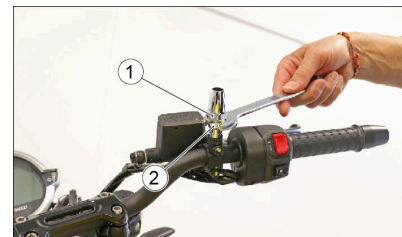
- Rest the vehicle on its stand.
- Loosen lock-nut (1).



- Slide up the rear-view mirror unit and remove it from the vehicle.



- Unscrew the mirror holder (2) and remove it from the vehicle complete with locking nut (1).



Repeat the procedure to remove the other rear-view mirror, if necessary.

CAUTION



UPON REFITTING AND BEFORE TIGHTENING THE LOCKING NUT, MAKE SURE THAT THE REAR VIEW MIRROR SUPPORT STEM IS ALIGNED WITH THE HANDLEBAR.

Moto Guzzi V7 SPORT

WARNING



TO REMOVE AND/OR REPLACE THE MIRROR, CONTACT AN OFFICIAL MOTO GUZZI DEALER.

Front and rear disc brake

Do not ride your vehicle with worn or malfunctioning brakes! Brakes are one of the most important parts for your vehicle's safety system, and using a vehicle that does not have perfect brakes means you are at high risk of collisions and accidents, even fatal.

CAUTION



A DIRTY DISC SMEARS THE PADS RESULTING IN POOR BRAKING.

REPLACE DIRTY PADS AND CLEAN AGAIN THE DIRTY DISC USING A TOP QUALITY DEGREASING PRODUCT.

WARNING



TAKE YOUR VEHICLE TO AN Official Moto Guzzi Dealer TO HAVE THE FRONT WHEEL REMOVED.

CAUTION



IN CONDITIONS OF HUMID AND WET GROUND, THE PERFORMANCE OF THE BRAKING SYSTEM IS WIDELY REDUCED.

WHEN THE ROAD SURFACE IS WET DUE TO RAIN, YOU SHOULD CHOOSE TO MAINTAIN A DOUBLE SAFETY DISTANCE, ALSO BECAUSE THE TYRE GRIP TO THE GROUND IS EXTREMELY REDUCED. PAY UTMOST ATTENTION TO WATER THAT CAN COME INTO CONTACT WITH THE BRAKES AFTER YOU HAVE WASHED YOUR VEHICLE, OR AFTER PASSING THROUGH PUDDLES ON THE ROAD, AS IT CAN SUFFICIENTLY WET YOUR BRAKING SYSTEM AND THEREFORE CONSIDERABLY REDUCE THEIR PERFORMANCE.

FAILURE TO OBSERVE THIS WARNING CAN LEAD TO SERIOUS ACCIDENTS AND EVEN DEATH.

Your vehicle is equipped with disc brakes with separate braking systems.

The front braking system can be equipped with a single disc (**V7 Special - V7 Stone**) or with two discs (**V7 Sport**), one to the right and one to the left of the front wheel. The rear braking system is equipped with a single disc located on the left side of the rear wheel. The following information may refer to a single braking system but is valid for both braking systems.

CAUTION



BRAKES ARE EXTREMELY IMPORTANT FOR YOUR SAFETY. DO NOT USE YOUR VEHICLE IF THE BRAKES ARE NOT WORKING PERFECTLY. ALWAYS CHECK THE EFFICIENCY OF THE BRAKES BEFORE RIDING THE VEHICLE.

CAUTION



IF THE POSITION OF THE BRAKE LEVER CHANGES, IT MAY BE DUE TO A PROBLEM WITH THE HYDRAULIC SYSTEM. FOR ANY DOUBT ABOUT THE PERFECT OPERATION OF THE BRAKES AND FOR THE NORMAL PERIODIC CHECK, CONTACT A Moto Guzzi Official Dealer BEFORE RIDING THE VEHICLE.

PAY UTMOST ATTENTION TO THE BRAKE DISCS AND THE FRICTION CAPACITY, MAKING SURE THEY ARE NOT DIRTY AND OILY, ESPECIALLY AFTER MAINTENANCE OR INSPECTION OPERATIONS. CHECK THAT THE BRAKE PIPES ARE NOT GLAZED OR TWISTED, AND THAT THERE IS NO LEAKAGE.

KEEP BRAKE FLUID OUT OF THE REACH OF CHILDREN. DISPOSE OF BRAKE FLUID CORRECTLY.

CAUTION



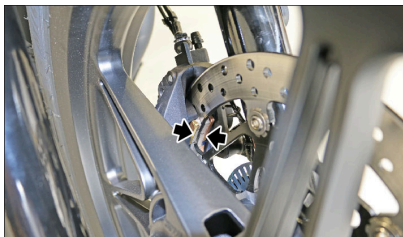
CHECK BRAKE PADS FOR WEAR MAINLY BEFORE EACH RIDE.

To perform a quick pad wear check:

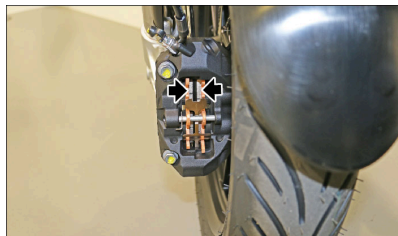
- Rest the vehicle on its stand.
- Carry out a visual inspection of brake disc and pads as follows:

Front brake

- **V7 SPECIAL - STONE:** From the right side of the vehicle, observe the front side of the brake calliper from top to bottom in order to be able to check the thickness of the friction material of both pads.

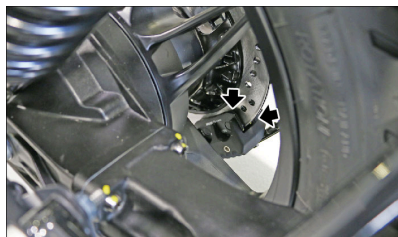


- **V7 SPORT:** observe the rear side of the brake calliper from top to bottom in order to be able to check the thickness of the friction material of both brake pads, for both front brake callipers.



Rear brake

- From the right side of the vehicle, observe the brake calliper from top to bottom in order to be able to check the thickness of the friction material of both pads.

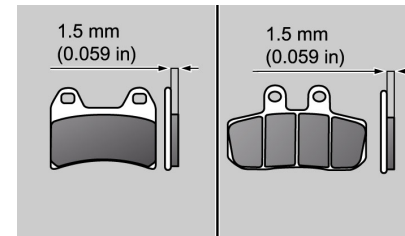


CAUTION



EXCESSIVE WEAR OF THE FRICTION MATERIAL MAKES THE PAD METAL SUPPORT GET INTO CONTACT WITH THE DISC, WHICH RESULTS IN A METALLIC NOISE AND SPARKS IN THE CALLIPER; THEREFORE, BRAKING EFFICIENCY AND DISC SAFETY AND INTEGRITY ARE AT RISK.

If the thickness of the friction material (even just one front or rear pad) is reduced to a value of about **1.5 mm (0.059 in)** (or even if just one of the wear indicators is no longer visible), contact an **Official Moto Guzzi Dealer** to replace all the brake pads.



vehicle inactivity

A number of precautionary measures must be taken to prevent the possible consequences of prolonged lack of usage of the vehicle. Besides, it is necessary to carry out general repairs and checks before garaging the motorcycle as one can forget to do so afterwards.

Proceed as follows:

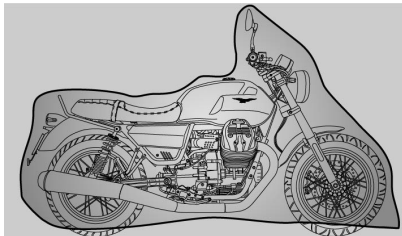
- Remove the battery.
- Wash and dry the motorcycle.
- Apply wax polish to painted and chromed surfaces.
- Inflate the tyres.
- Store the motorcycle in a cool, dry place, not exposed to sun rays and with minimum temperature variations.
- Wrap and tie a plastic bag around the exhaust pipe opening to keep moisture out.

WARNING



PLACE THE VEHICLE ON SUITABLE SUPPORTS TO KEEP THE TYRES OFF THE GROUND.

Cover the vehicle but do not use plastic or waterproof materials.



WARNING



PLACE THE VEHICLE ON SUITABLE SUPPORTS TO KEEP THE TYRES OFF THE GROUND.

CAUTION



TO AVOID BATTERY DETERIORATION, FOLLOW THE OPERATIONS DESCRIBED FOR PROLONGED INACTIVITY.

AFTER STORAGE

- Uncover and clean the vehicle.
- Check the battery for correct charge and install it.
- Refill the fuel tank.
- Carry out the pre-ride checks.

N.B.:



TAKE THE PLASTIC BAGS OFF THE EXHAUST PIPE OPENING.

N.B.:



AS A TEST, RIDE THE MOTORCYCLE FOR A FEW KILOMETRES AT A MODERATE SPEED AND AWAY FROM TRAFFIC AREAS.

Vehicle cleaning

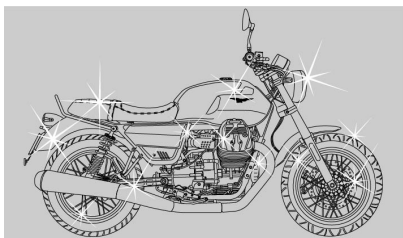
Moto Guzzi recommends using quality products for cleaning the vehicle. The use of unsuitable products can damage vehicle components. For cleaning do not use solvents such as "nitro thinner", "cold cleaning agents", or similar fuels, or cleaning products that contain alcohol.

WASHING THE MOTORCYCLE

Moto Guzzi recommends softening with water and then carefully removing the insects and stubborn stains before washing the vehicle.

To prevent stains, do not wash the motorcycle immediately after exposure to sunlight, and do not wash it in the sun.

If the vehicle is used during the winter months, be sure to frequently wash the motorcycle. To remove anti-icing salt sprayed on roads in the winter, wash the motorcycle with cold water immediately after use.

**WARNING**

USE OF HOT WATER INTENSIFIES THE EFFECT OF THE SALT. USE ONLY PLENTY OF COLD WATER TO WASH AND REMOVE ANTI-ICING SALT.

WARNING

USE OF HIGH PRESSURE WASHING SYSTEMS (OR STEAM CLEANERS) CAN DAMAGE THE SEALS, OIL SEALS, BRAKING SYSTEM, ELECTRICAL SYSTEM AND THE SADDLE. DO NOT USE STEAM OR HIGH PRESSURE CLEANING SYSTEMS. DO NOT USE STEAM OR HIGH PRESSURE WASHING SYSTEMS. DO NOT INSIST WITH THE PRESSURE NOZZLE ON

THE STEERING BEARING, WHEEL BEARINGS, INSIDE THE REAR WHEEL HUB, ON THE HYDRAULIC BRAKING CIRCUIT AND ON THE ELECTRICAL PARTS.

CLEANING OF SENSITIVE PARTS**BODYWORK**

To keep the motorcycle bright, wash it regularly, especially if used in areas with high levels of pollution or mud. Stubborn stains of tree resin, petrol, oil, brake liquid or bird droppings should be removed immediately, otherwise the stains risk becoming permanent.

After washing it is easy to identify halos and residual marks. Remove any of these from the body using soft cloths and finishing polishes (we recommend trying the product first in an unexposed area). Periodic care, a thorough cleaning of the bodywork preserves the aesthetic quality of the motorcycle over the long term.

PLASTIC COMPONENTS**WARNING**

IF THE PLASTIC COMPONENTS ARE CLEANED USING AGGRESSIVE AGENTS, THE SURFACE MAY BE DAMAGED. DO NOT USE CLEANING

PRODUCTS CONTAINING ALCOHOL, SOLVENTS OR THAT ARE ABRASIVE FOR THE CLEANING OF PLASTIC PARTS. ROTARY BRUSHES OR SPONGES WITH HARD SURFACES CAN MAKE SCRATCHES.

FRONT HEADLIGHT

Do not use products containing aggressive agents during use or during washing, due to the structure of the bottom bracket cup, under the frame can be detected water or dirt.

Since water outside the headlight will dry due to the heat and ventilation during use of the motorcycle, in case of persistence use compressed air at a distance of 10 cm from the headlight.

WARNING

TO CLEAN THE HEADLIGHTS USE A SPONGE SOAKED IN WATER AND MILD DETERGENT, RUBBING THE SURFACE GENTLY AND RINSING FREQUENTLY WITH PLENTY OF WATER.

DO NOT POLISH MATT-PAINTED SURFACES WITH POLISHING PASTE.

THE VEHICLE SHOULD NEVER BE WASHED IN DIRECT SUNLIGHT, ESPECIALLY DURING SUMMER, OR

WITH THE BODYWORK STILL HOT AS THE CAR SHAMPOO CAN DAMAGE THE PAINTWORK IF IT DRIES BEFORE BEING RINSED OFF.

CHROME PARTS AND POLISHED METAL

WARNING



TREAT THE PARTS MADE OF CHROME, ALUMINIUM OR POLISHED STEEL IN A SPECIAL MANNER. WASH THEM WITH PLENTY OF WATER AND CAR SHAMPOO, POLISH AND REGULARLY BRIGHTEN THEM WITH POLISH PASTE, PROTECT THEM WITH WAXES OR SUITABLE ACID-FREE PRODUCTS (E.G. VASELINE).

TANK

To clean the tank, we recommend using plenty of water and neutral car shampoo.

WARNING



DO NOT USE BRUSHES THAT CAN DAMAGE THE SURFACE.

RUBBER PARTS

Clean the rubber parts using water and mild shampoo (brand-name, suitable for car bodies)

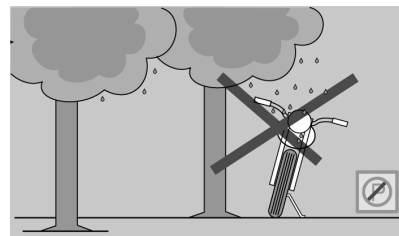
WARNING



THE USE OF SILICONE SPRAY TO CLEAN THE RUBBER SEALS MAY CAUSE DAMAGE. DO NOT USE OTHER PRODUCTS CONTAINING SILICON FOR CLEANING THE MOTORCYCLE.

Clean the motorcycle frequently if exposed to adverse conditions, such as:

- Air pollution (cities and industrial areas).
- Salinity and humidity in the atmosphere (seashore areas, hot and wet weather).
- Special environmental/seasonal conditions (use of salt, anti-icing chemical products on the roads in winter).
- Always clean off any smog and pollution residue, tar stains, insects, bird droppings, etc. from the bodywork.
- Avoid parking the vehicle under trees. In some seasons, in fact, residues, resins, fruits or leaves may fall from the trees, containing chemicals that are harmful to the paintwork.



WARNING



BEFORE WASHING THE VEHICLE, COVER THE ENGINE AIR INTAKES AND THE EXHAUST PIPES.

WARNING



CLEAN THE INSTRUMENT PANEL WITH A SOFT CLOTH MOISTENED WITH WATER.

CAUTION



AFTER CLEANING YOUR VEHICLE, BRAKING EFFICIENCY MAY BE

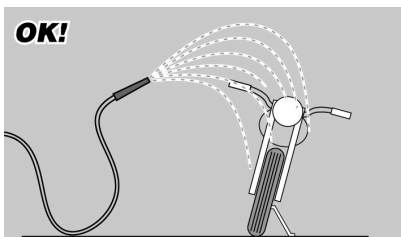
TEMPORARILY AFFECTED DUE TO THE PRESENCE OF WATER ON THE FRICTION SURFACES OF THE BRAKING CIRCUIT.

ALLOW LONGER BRAKING DISTANCES TO PREVENT ACCIDENTS.

BRAKE REPEATEDLY TO RESTORE NORMAL OPERATION.

CARRY OUT THE PRE-RIDE CHECKS.

To remove dirt and mud accumulated on painted surfaces, wet the soiled areas thoroughly with a low-pressure water jet, then remove dirt and mud with a soft car body sponge soaked abundantly in a solution of car body shampoo in water (2 - 4% shampoo dissolved in water). Then rinse with plenty of water, and dry with a chamois leather. To clean the engine outer parts, use degreasing detergent, brushes and old cloths. Wash anodised or painted aluminium parts with neutral soap and water. Using aggressive detergents may damage the surface treatment of these components.



WARNING



NEVER USE CLOTHS SOAKED IN PETROL, DIESEL OIL OR KEROSENE FOR CLEANING THE PAINTED OR PLASTIC SURFACES SO AS NOT TO DAMAGE THE LUSTRE FINISH OR ALTER THE MECHANICAL PROPERTIES.

WARNING



DO NOT USE WATER (OR LIQUIDS) AT TEMPERATURES OVER 40°C (104°F) WHEN CLEANING THE VEHICLE PLASTIC PARTS. DO NOT USE HIGH-PRESSURE AIR OR WATER JETS OR STEAM JETS.

DO NOT USE ALCOHOL OR SOLVENTS TO CLEAN ANY RUBBER OR PLASTIC SADDLE COMPONENTS USE WATER AND MILD SOAP.

WARNING



DO NOT USE SOLVENTS OR PETROL BY-PRODUCTS (ACETONE, TRICHLOROETHYLENE, TURPENTINE, PETROL, THINNERS) TO CLEAN THE SADDLE. USE INSTEAD DETERGENTS WITH SURFACE ACTIVE AGENTS NOT EXCEEDING 5% (NEUTRAL SOAP, DEGREASING DETERGENTS OR ALCOHOL).

DRY THE SADDLE WELL AFTER CLEANING.

THE USE OF WAX OR SIMILAR PRODUCTS COMPROMISES THE SAFETY OF THE SADDLE ITSELF.

WARNING



WHEN USING A SYSTEM OF PRESSURE WASHING (AFTER CHECKING THAT ANY DETERGENTS ARE COMPATIBLE WITH THE MOTORCYCLE FINISH), KEEP A DISTANCE OF AT LEAST ONE METRE.

WARNING



CLEAN THE VEHICLE IMMEDIATELY WITH COLD WATER AFTER RIDING ON

A ROAD TREATED WITH SALT: SALT IS HIGHLY CORROSIVE.

Transport

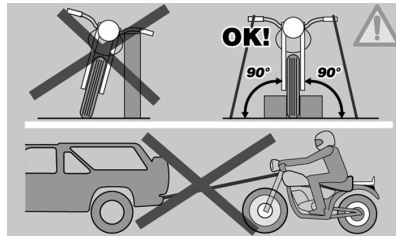
CAUTION



BEFORE TRANSPORTING THE VEHICLE, CAREFULLY EMPTY THE FUEL TANK AND CHECK THAT IT IS COMPLETELY DRY.

DURING TRANSPORT, THE VEHICLE SHOULD BE UPRIGHT AND SECURELY ANCHORED AND SHOULD HAVE THE FIRST GEAR ENGAGED SO AS TO AVOID POSSIBLE FUEL, OIL OR COOLANT LEAKS.

IN CASE OF FAILURE, DO NOT TOW THE VEHICLE BUT CONTACT A ROAD ASSISTANCE SERVICE INSTEAD TO HAVE THE INFLAMMABLE FLUIDS DRAINED.



V7



CHAPTER 05 **Technical** **specifications**

Data

DIMENSIONS AND MASS	
Max. length.	2165 mm (85.24 in)
Max. width (Stone - Special)	830 mm (32.68 in)
Max. width . (Sport)	815 mm (32.09 in)
Max. height	1,100 mm (43.31 in)
Wheelbase	1,450 mm (57.09 in)
Kerb weight (Stone)	218 kg (481 lb)
Kerb weight (Special)	223 kg (492 lb)
Kerb weight (Sport)	220 Kg (485 lb)
ENGINE	
Type	traverse-mounted twin-cylinder four-stroke V 90°
Number of cylinders	2
Engine capacity	853 cc (52.05 cu in)
Bore / stroke	84x77 mm (3.30x3.03 in)

ENGINE	
Compression ratio	10.5 +/- 0.5: 1
Ignition	Electric
Idle engine speed	1350 +/- 100 rpm
Clutch	single disc dry clutch with flexible coupling
Lubrication system	pressure-fed, controlled by valves and trochoidal pump
Air filter	cartridge-type dry filter
Cooling	air
GEARBOX	
Type	mechanical, 6 speeds with foot lever on the left hand side of the engine
CAPACITY	
Fuel tank capacity (including reserve)	21 l (4.62 UK gal; 5.55 US gal)

CAPACITY	
Fuel tank reserve capacity	4 l (0.88 UK gal; 1.06 US gal)
Engine oil	Oil change and oil filter replacement: 1750 cc in (106.79 cu in)
Gearbox oil	500 cc (30.51 cu in)
Transmission oil (Change)	125 - 130 cc (7.63 - 7.93 cu in)
Seats	2
Maximum permissible weight (all versions)	435 kg (959 lb) (rider + passenger + luggage)
TRANSMISSION	
Transmission	Geared,
Primary	ratio 18 / 23 = 1 : 1.277
Gear ratios 1st gear	16 / 39 = 1: 2.437
Gear ratios 2nd gear	18 / 32 = 1: 1,777

TRANSMISSION	
Gear ratios 3rd gear	21 / 28 = 1: 1,333
Gear ratios 4th gear	24 / 26 = 1: 1.083
Gear ratios 5th gear	25 / 24 = 1: 0.96
Gear ratios 6th gear	28 / 24 = 1: 0.857
Transmission final	with shaft, ratio 8 / 33 = 1 : 4,125

FUEL SYSTEM	
Type	Electronic injection (Marelli 11MP)
Diffuser	Ø 52 mm (2.05 in)
Fuel	Unleaded gasoline E10 (95 R.O.N.)

CHASSIS	
Type	Modular double cradle, high-

CHASSIS	
	strength steel tubular chassis
Steering rake angle	26.4°
Trail (no rider or passenger - wheels on the ground - without use of side stand)	104.2 mm (4.10 in)

SUSPENSION	
Front (Stone - Special)	hydraulic telescopic fork, Ø 40 mm (1.57 in)
Stroke (Stone - Special)	137 mm (5.39 in)
Front (Sport)	Upside-down hydraulic telescopic fork, Ø 41 mm (1.61 in)
Stroke (Sport)	138 mm (5.43 in)
Rear (all versions)	Swingarm in die-cast light alloy, 2 shock absorbers with adjustable spring pre-loading
Stroke (all versions)	98 mm (3.86 in)

BRAKES	
Front (Stone - Special)	Ø 320-mm (12.59 in) stainless steel floating disc, fixed calliper with 4 different and counteracting plungers
Front (Sport)	Ø 320-mm (12.59 in) stainless steel double floating disc, fixed double calliper with 4 different and counteracting plungers
Rear (all versions)	260 mm (10.24 in) stainless steel fixed disc, floating calliper with two 22 mm (0.87 in) diameter pistons

WHEEL RIMS	
Type (Stone - Special)	spoked wheels with alloy rims, for tyres with inner tubes, or alloy tubes wheels for tubeless tyres.

WHEEL RIMS	
Type (Sport)	Die-cast alloy wheels for tubeless tyres
Front (all versions)	2.5"x18"
Rear (all versions)	4.25" x 17"
TYRES	
Front (size)	100 / 90 - 18 56V M/ C
Front (measure) - alternatively	100 / 90 - 18 56H M/ C
Front (measure) - alternatively	110 / 80 R 18 58V M/ C
Front (inflation pressure)	2.5 bar (250 kPa) (36.26 PSI)
Front (inflation pressure with passenger)	2.6 bar (260 kPa) (37.71 PSI)
Rear (size)	150 / 70 B - 17 69V M/C
Rear (measure) - alternatively	150 / 70 B - 17 69H M/C
Rear (measure) - alternatively	150 / 70 R - 17 69V M/C

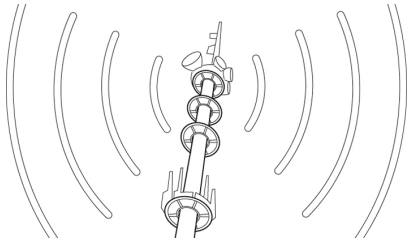
TYRES	
Rear (measure) - alternatively	150 / 70 R - 17 69H M/C
Rear (inflation pressure)	2.5 bar (250 kPa) (36.26 PSI)
Rear (inflation pressure with passenger)	2.6 bar (260 kPa) (37.71 PSI)
SPARK PLUGS	
Standard	NGK IR MR8BI-8
Spark plug electrode gap	0.8 mm (0.031 in)
Resistance	5 kOhm
ELECTRICAL SYSTEM	
Battery	12 V – 12 Ah
Permanent magnet alternator	12V - 430W
Fuses	7.5A (4) - 10A - 15A - 20A - 30A
High beam/low beam light	LED
Front DRL	LED

ELECTRICAL SYSTEM	
taillight /stop lights	LED
Turn indicators	LED
INDICATOR LAMPS	
Gearbox in neutral	LED
Turn indicators	LED
Fuel reserve	LED
High beam headlight	LED
General alarm	LED
MI warning light	LED
ABS warning light	LED
MGCT warning light	LED

RED DIRECTIVE 2014/53/EU

All radio equipment installed by the manufacturer on this vehicle complies with Directive 2014/53/EU (RED directive). The relative homologation documents are available at the following web address:

redhomologation.piaggiogroup.com



Toolkit

The tools provided with the vehicle are located under the saddle. For more information, refer to the chapter "**The saddle**".

V7



CHAPTER 06 **Spare parts and** **accessories**

Caution**WARNING!**

TO PREVENT ACCIDENTS AND TO GUARANTEE PROPER STABILITY, PERFORMANCE AND SAFETY, RIDE THE VEHICLE VERY CAREFULLY WHEN IT IS FITTED WITH ACCESSORIES OR WITH UNUSUAL LOADS.

WARNING

IT IS ALSO RECOMMENDED THAT ORIGINAL PIAGGIO GROUP SPARE PARTS BE USED, AS THESE ARE THE ONLY ONES OFFERING YOU THE SAME QUALITY GUARANTEE AS THOSE INITIALLY FITTED ON THE VEHICLE.

NOTE THAT USING NON-ORIGINAL SPARE PARTS WILL VOID THE WARRANTY.

WARNING!

PIAGGIO GROUP SELLS ITS OWN LINE OF ACCESSORIES, WHICH ARE APPROVED FOR USE WITH PIAGGIO VEHICLES AND COVERED BY A PIAGGIO WARRANTY. IT IS THEREFORE ESSENTIAL TO CONTACT A DEALERSHIP OR AN AUTHORISED SERVICE CENTRE IN ORDER TO CHOOSE AND FIT ACCESSORIES CORRECTLY.

USING NON-ORIGINAL ACCESSORIES MAY AFFECT THE STABILITY AND FUNCTIONS OF YOUR VEHICLE, COMPROMISING THE SAFETY OF THE VEHICLE AND EXPOSING THE RIDER TO DANGER.

WARNING

BE EXTREMELY CAREFUL WHEN INSTALLING AND REMOVING THE MECHANICAL ANTI-THEFT DEVICE ON THE VEHICLE (U-SHAPED PADLOCK, DISC BLOCK, ETC.).

MAINLY NEAR THE BRAKE PIPES, TRANSMISSIONS AND/OR ELECTRIC CABLES, AN INCORRECT INSTALLATION OR REMOVAL OF

THE ANTITHEFT DEVICE AS WELL AS LEAVING IT ON BEFORE STARTING THE VEHICLE CAN SERIOUSLY DAMAGE ITS COMPONENTS, COMPROMISE THE CORRECT FUNCTIONING OF THE VEHICLE AND USERS' SAFETY.

CAUTION

NEVER OPERATE THE VEHICLE WITH ACCESSORIES (BAGS, TOP BOX AND/OR WINDSHIELD) AT A SPEED HIGHER THAN 100 kph.

THE VEHICLE CAN BE RIDDEN AT A HIGHER SPEED WITHOUT THE ACCESSORIES MENTIONED BEFORE WITHIN THE LIMITS ESTABLISHED BY LAW.

IF THERE ARE ANY NON-ORIGINAL ACCESSORIES INSTALLED, OR AN ABNORMAL LOAD, OR IF THE MOTORCYCLE IS NOT IN A GENERALLY GOOD CONDITION, OR WHENEVER WEATHER CONDITIONS DEMAND IT, SPEED SHOULD BE FURTHER REDUCED.

V7



CHAPTER 07 **Scheduled service**

The value of service

As a result of continuous updates and specific technical training programs for Moto Guzzi products, only **Moto Guzzi** Official Network mechanics know this vehicle fully and have the specific tools necessary to carry out maintenance and repair operations correctly.

The bike's reliability also depends on its mechanical condition. Checking the vehicle before riding it, its regular maintenance and the use of **original Moto Guzzi spare parts** only are essential factors!

To find out which is your nearest **Official Dealer and/or Service Center** visit our website:

www.motoguzzi.com

Scheduled maintenance

Proper maintenance is a crucial factor in prolonging the durability of the vehicle and keeping it in perfect working order.

To ensure that maintenance is carried out correctly, the constructor has defined the schedule of checks and services (performed at the owner's expense) summarised in the table given in the following page. It is a good idea to report small performance anomalies right away to an **Authorised Service Centre**, without waiting for the next scheduled service, so they can be repaired immediately.

All scheduled maintenance services must be carried out at the prescribed times, even if the specific mileage has not yet been reached. Services must be performed punctually at the correct intervals to maintain the validity of the warranty. For any additional information concerning Warranty procedures and 'Scheduled Maintenance', please consult the 'Warranty Conditions'.



N.B.:



CARRY OUT MAINTENANCE OPERATIONS AT HALF THE INTERVALS SPECIFIED IF THE VEHICLE IS USED IN PARTICULAR RAINY OR DUSTY CONDITIONS, OFF ROAD OR FOR TRACK USE.

Scheduled maintenance table

Km x 1.000 (mi x 1.000)	1,5 (0.9)	10 (6.2)	20 (12.4)	30 (18.6)	40 (24.9)	50 (31.1)	60 (37.3)	EVERY 12 MONTHS	EVERY 24 MONTHS
Oil filter cover O-ring	R	R	R	R	R	R	R	R	R
Gearbox oil filler plug O-ring									
Engine oil filler plug O-ring									

Km x 1.000 (mi x 1.000)	1,5 (0.9)	10 (6.2)	20 (12.4)	30 (18.6)	40 (24.9)	50 (31.1)	60 (37.3)	EVERY 12 MONTHS	EVERY 24 MONTHS
Spark plugs		I	I	R	I	I	R		
Filter box (7)		C	C	C	C	C	C		
Steering bearings and steering play	I	I	I	I	I	I	I	I	I
Wheel bearings - Wheels		I	I	I	I	I	I	I	I
Diagnosis by tool	I	I	I	I	I	I	I	I	I
Brake discs - Pads wear (5)	I	I	I	I	I	I	I	I	I
Air filter		R	R	R	R	R	R		
Engine oil filter	R	R	R	R	R	R	R	R	R
Vehicle general operation	I	I	I	I	I	I	I	I	I
Valve clearance	A	A	A	A	A	A	A		
Head cover gasket	I	I	I	I	I	I	I		
Gearbox oil discharge plug aluminium gasket				R			R		
Engine oil discharge plug aluminium gasket	R	R	R	R	R	R	R	R	R
Transmission oil discharge plug gasket				R			R		
Gasket for the engine oil filter fastening screw	R	R	R	R	R	R	R	R	R
Brake systems	I	I	I	I	I	I	I	I	I

7 Scheduled service

Km x 1.000 (mi x 1.000)	1,5 (0.9)	10 (6.2)	20 (12.4)	30 (18.6)	40 (24.9)	50 (31.1)	60 (37.3)	EVERY 12 MONTHS	EVERY 24 MONTHS
Light circuit	I	I	I	I	I	I	I	I	I
Safety switches	I	I	I	I	I	I	I	I	I
Brake fluid	I	I	I	I	I	I	I	I	R
Gearbox oil				R				R	
Fork oil (6)					R				
Engine oil (4)	R	R	R	R	R	R	R	R	R
Final drive oil				R				R	
Headlight aiming		I	I	I	I	I	I		
Fork oil seals (1)		I	I	I		I	I		
Tyres - pressure / wear (3)	I	I	I	I	I	I	I	I	I
Clutch clearance adjustment	A	A	A	A	A	A	A	A	A
Transmission oil filler plug washer				R				R	
Nut/bolt tightness	I	I	I	I	I	I	I		
Suspensions and stability			I		I		I	I	I
Head cover fastening screws dampers	I	I	I	I	I	I	I		
Filter box drain plug	C	C	C	C	C	C	C	C	C
Brake lines		I	I	I	I	I	I		

Km x 1.000 (mi x 1.000)	1,5 (0.9)	10 (6.2)	20 (12.4)	30 (18.6)	40 (24.9)	50 (31.1)	60 (37.3)	EVERY 12 MONTHS	EVERY 24 MONTHS
Fuel lines (2)									

- **I** : CHECK AND CLEAN, ADJUST, LUBRICATE OR REPLACE, IF NECESSARY
- **C**: CLEAN
- **R**: REPLACE
- **A**: ADJUST
- **L**: LUBRICATE
- (1) Replace in case of leaks.
- (2) Replace every 4 years.
- (3) Check every month.
- (4) Check every 5,000 km (3.106 mi).
- (5): Check and clean, adjust or replace if necessary every 1000 km (621 miles).
- (6): Replace at whichever of the following occurs first: 40,000 km (24.855 mi) or 4 years.
- (7): At each service (except the first one), check inside the filter box, if there is oil. Clean if necessary.

Recommended products

Piaggio Group recommends the use of products from its official partner Castrol for the scheduled maintenance of its vehicles.

Only use lubricants and fluids which meet or exceed the performance characteristics specified. This also applies when topping up only.



Table of recommended products

Product	Description	Specifications
Engine oil 10W-60	Synthetic based Lubricant for four stroke high performance engines.	SAE 10W 60; JASO MA, MA2; API SG
75W-140 lubricant for gearboxes and transmissions	Synthetic lubricant for gearboxes and transmissions	SAE 75W-140 - API GL5
Fork oil 7.5W	Fork oil.	SAE 7.5W
Molybdenum disulphide grease	Lithium grease with molybdenum disulphide.	Grey black grease
Petroleum jelly	neutral grease for battery terminals	-
DOT 4 brake fluid	Synthetic brake fluid.	SAE J 1703; FMVSS 116; ISO 4925; CUNA NC 956 DOT4

V7



CHAPTER 08 Special fittings

Index of accessories

For this vehicle, dedicated accessories and clothing are available. For additional info please refer to your dealer or visit our site:

www.motoguzzi.com



The descriptions and images in this technical publication are given for illustrative purposes only. Piaggio & C. S.p.A. reserves the right to modify the components and parts of its products, without altering the essential commercial characteristics of the product itself as described and illustrated herein, at any time and as it deems necessary to improve its products or for any other manufacturing or commercial purposes, without being required to revise this publication in a timely manner. This publication may not include all versions and variants relating to each individual country.

The Moto Guzzi brand is owned by Piaggio & C. S.p.A.

© Copyright 2025 - Piaggio & C. S.p.A. All rights reserved. Reproduction of this publication in whole or in part is prohibited.
Piaggio & C. S.p.A. Viale Rinaldo Piaggio, 25 - 56025 PONTEDERA (PI), Italy