



Folgore

GranTurismo - GranCabrio

Owner's manual



Dear Customer,
thank you for choosing a Maserati.

This vehicle represents the result of Maserati's great experience in the design and production of sports, touring and racing vehicles.

The purpose of this manual and of the other documents in the on-board documentation kit is to provide you with an understanding of the equipment, systems and controls of the vehicle and to explain how they work.

Consulting this manual you will acquaint yourself with the equipment and optional properties of your Maserati in order to take best advantage of all its potential.

In addition, the description of all the on-board safety systems and devices and the car's technical data are given in this manual. Any change or alteration of the car might seriously affect its safety and road holding thus causing accidents, in which the occupants could even be fatally injured.

Before driving your vehicle for the first time, we suggest reading this manual carefully in order to quickly acquaint with commands and functions of your vehicle.

In a dedicated section of this manual you will also find instructions for basic maintenance procedures, in order to ensure steady levels of performance, quality and safe driving.

In addition, keep in mind that proper maintenance is an essential factor to help preserve the value of the vehicle over time and protect the environment.

For "Scheduled Maintenance" or any other operations, we recommend to contact the **Maserati Service Network**: you can trust our trained technical staff, who is constantly updated and provided with the required equipment in order to ensure that all service operations are performed properly and reliably.

All the documents contained in on-board documentation kit are integral part of the vehicle and should always be kept on board.

Technical information and instruction contained in print versions of this document are periodically updated and enhanced. Please consult your online digital documentation available at <https://ownerdocumentation.maserati.com> for the most up to date information..





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On-board Documentation Kit

On board there are various documents, contained in a kit, placed in the dashboard glove box or/and in the boot compartment, to provide the User with all the necessary information regarding the manufacturer's warranty, assistance requests and to know all the devices supplied with the car and their functions, in order to be able to operate the vehicle using all of its potential.

Depending on the version, the market, etc., the kit may or may not contains the Warranty Card, the Maserati Assistance Program booklet, the Owner's Manual, the Quick Guide, the Maserati Intelligent Assistant™ guide and the Regulatory Information.

NOTE:

After reviewing the manual, always put the document in its case to avoid losing it.

All specifications and illustrations contained in these documents refer to the manual publishing date.

Updated versions of the on-board documentation and the “Regulatory Information” are always available and can be consulted by accessing the website <https://ownerdocumentation.maserati.com>.

In case of loss, excluding the Warranty Card, it is possible to purchase a copy of these documents by requesting it from the **Service Network**.

Updating

The vehicle's high quality level is guaranteed by constant improvements. Therefore, there may prove to be differences between this manual and your vehicle.

Maserati reserves the right to carry out design and functional changes and to achieve additions or improvements without incurring any obligation to update previously manufactured vehicles.

This manual illustrates and describes the electric version of the current vehicle model. Therefore, some of the equipment and accessories in this publication may not appear on your vehicle; please only consider the information related to your vehicle. All specifications and illustrations contained in this manual refer to the Manual publishing date.

NOTE:

The updated version of on-board documentation can be consulted by accessing the website <https://ownerdocumentation.maserati.com>.

Owner's Information Online

All of the on-board documents can also be consulted online in PDF format by accessing the website <https://ownerdocumentation.maserati.com>. The website is available for most markets.

The online documents may be more up to date than those supplied with the car. By accessing the website www.maserati.com it is possible to watch videos and find other useful information regarding your Maserati and all available services.

Consulting the manual

This manual illustrates maintenance and use information related to the electric motorization model.

For an easy identification of the topics, this manual is divided into sections and chapters: each chapter can have more paragraphs.

Meaning of Warning and Note Symbols

Within the text, important warnings and notes are also easily identifiable through icons.



WARNING!

Failure to comply with the instructions could cause HAZARDOUS SITUATIONS involving personal and vehicle safety.



WARNING!

Potential danger relating to the electronic components of the BEV model. Misuse or inappropriate intervention on the system components can generate severe electric short circuits and can cause serious or fatal injuries if the instructions indicated are not observed.



ENVIRONMENTAL!

This note indicates the correct behaviour when using the vehicle to protect the environment.



CAUTION!

Aimed at preventing any damage to the vehicle and thus hazards involving the safety of persons.

NOTE:

Additional information regarding the subject and/or the operation described.

Optional Equipment and Versions/Markets Availability



This manual describes the standard equipment and the optional equipment of the vehicle.

The equipment, the functions or the systems of the vehicle may not be available in all versions or markets. In these cases, the availability will be identified in the title and/or text by this symbol alongside in brackets.

Other General Indications

- In the images the vehicle is represented in the GranTurismo base version. On other versions, some part or equipment may differ from those shown in the images.



Introduction

- “Left” and “right” in this manual, always refer to the driving direction.
- All indications and images in this manual refer to a vehicle with left-hand drive. On right-hand drive vehicles, some controls are ordered differently than shown in the illustrations.
- If not otherwise specified, the instrument cluster shown in the images is the version with the speedometer in km/h with the classic layout in "Max Range" drive mode – however the indications given are also valid for the version in mph and other layout.

General Safety Regulation (GSR) versions

The new EU Regulation 2019/2144, known as the General Safety Regulation (or GSR), introduces a range of mandatory advanced driver assistant systems to improve road safety.

All vehicles involved in the GSR will now have to be equipped with a series of new safety features to assist the driver and help better protect passengers, pedestrians and cyclists.

The vehicles involved in the new GSR are those marketed in the following countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg,

Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Iceland, Liechtenstein, Norway, Switzerland, Israel, Türkiye, Australia, Northern Ireland, Serbia, Réunion, Martinique, Guadeloupe, Mayotte, French Guiana.
These vehicles will be referred to as "GSR versions".

Abbreviations

Some descriptions and terms with particular meanings are found in this manual in abbreviated form.

A/C	Air-Conditioning system.
ABA	Advanced Brake Assist.
ABS	Anti-Lock Braking System.
ABSA	Active Blind Spot Assist.
ACC	Adaptive Cruise Control.
ADA	Active Driving Assist.
ADAS	Advanced Driver Assistance Systems.
AEB	Autonomous Emergency Braking.
AFS	Advanced Frontlighting System.
ALM	Active Lane Management.
ALR	Automatic Locking Retractor.
APM	Auxiliary Power Module.
AQS	Air Quality Sensor.
ATC	Automatic Temperature Control.
AVH	Auto Vehicle Hold.
AWD	All-Wheel Drive.
BAS	Brake Assist System.
BEV	Battery Electric Vehicle.
BSA	Blind Spot Assist.



BTO	Brake Throttle Override.	OBD	On-Board Diagnostics.
CAN	Controller Area Network.	ORC	Occupant Restraint Controller.
CC	Cruise Control.	ORS	Occupants Restraint Systems.
CRS	Child Restraint System.	PEB	Pedestrian Emergency Braking.
DCBC	DC Booster Charger.	RAB	Ready Alert Braking.
DDD	Drowsy Driver Detection	RCP	Rear Cross Path.
DRL	Daytime Running Lights.	RHD	Right-Hand Drive.
EAC	Electric Air conditioning Compressor.	RKE	Remote Keyless Entry.
EBD	Electronic Brake-force Distribution.	ROM	Roll-Over Mitigation.
ECH	Electric Coolant Heater.	SAB	Side Air Bag.
ECU	Electronic Control Unit.	SBR	Seat Belt Reminder.
EDR	Event Data Recorder.	SL	Speed Limiter.
ELK	Emergency Lane Keeping.	SRS	Supplemental Restraint System.
EPB	Electric Parking Brake.	SVT	Stolen Vehicle Tracker.
EPS	Electric Power Steering.	TCS	Traction Control System.
ESC	Electronic Stability Control.	TPMS	Tire Pressure Monitoring System.
ETC	Electronic Throttle Control.	TSA	Traffic Sign Assist.
FCW	Forward Collision Warning.	TSM	Trailer Sway Mitigation.
HBA	Hydraulic Brake Assistance.	VIN	Vehicle Identification Number.
HSA	Hill Start Assist.		
HUD	Head Up Display.		
ISA	Intelligent Speed Assist.		
MIA	Maserati Intelligent Assistant.		
OBCM	On-Board Charger Module.		

Service and Warranty

The information provided in this manual is limited to instructions and indications that are strictly required for vehicle use and proper maintenance.

By following these instructions carefully the vehicle will certainly meet the owner's satisfaction and the best results.

We also advise you to have all the maintenance services and inspections carried at the **Service Network**. Please be advised that Maserati recommends to address to the **Official Service Network**, which is available in the official Maserati website (www.maserati.com).

All functions and accessories installed on the vehicle have been designed by Maserati engineers and have successfully passed rigorous tests, submitted in all conditions of use. Installing aftermarket accessories not approved by Maserati may interfere with the vehicle electronics and compromise driving safety.

For details and information about the warranty, please refer to the "Warranty Card".

The **Maserati Service Network** is at your complete disposal for any information and suggestions.



Suggestion for Obtaining Service

Prepare for the Appointment

If warranty work is required, be sure to have the right papers with you and take your warranty folder. Not all work being performed may be covered by the warranty: therefore discuss additional charges with the service advisor. It is advisable to keep a maintenance log of your vehicle's service history, as this can often provide a clue to the current problem.

Prepare a List

Make a written list of your vehicle's problems or the specific work you wish to be performed. If the vehicle has had an accident or work done that is not indicated on the maintenance log, please communicate this to the service advisor.

Optimise the Requests

If there are a number of items needing attention, it is advisable to discuss this with your service advisor to agree on the order of priorities.

At many centre of the **Service Network**, it is possible to obtain a loaner vehicle or a rental vehicle at a minimal daily charge. If you need a rental vehicle, it is advisable to make these arrangements prior to the visit, for example when you call to set the appointment.

If You Need Assistance

The manufacturer/Maserati and its **Service Network** centres set the highest priority to the client's satisfaction with the products and services.

Warranty service must be performed by a **Service Network** centre.

Should there be any issues, please keep in mind that most matters can be resolved with the following process.

- If for some reason you are still not satisfied, please contact the general manager or owner of the Service Centre, it is their responsibility to assist you.
- If a Service Centre is unable to resolve the issue, you may contact by phone or mail the **Maserati Customer Care** service by accessing the website **www.maserati.com** and choose "Maserati Customer Care" in the "Service & Assistance" menu.

Any communication should include the following information:

- Owner's name and address.
- Owner's telephone number (home and office).
- Maserati Service Centre name.
- Vehicle Identification Number (VIN).
- Vehicle delivery date and mileage.

Warranty Information

Please refer to the Warranty booklet, included in the Owner's documentation kit, for the terms and provisions of Maserati warranties applicable to this vehicle and market.

Spare Parts Service

With genuine parts you keep the reliability, comfort and performance functions of your new car unchanged in time.

For service and scheduled maintenance Maserati suggests you to ask for genuine parts since they are the result of constant research and development, reliability test and new technologies, as well as they are specifically designed for this vehicle.

Genuine Accessories

The Maserati Genuine Accessories are the perfect combination of design and functionality. Each detail and characteristic of the items are tailor-made with the highest quality represented by the Maserati Trident. Severe Technical and Quality Tests are performed to approve each product. To fully exploit the vehicle's performance and versatility, discover the wide range of approved accessories that can be added to the car.

The **Maserati Service Network** is at your complete disposal for any information

about this "Genuine Accessories" product range.

Vehicle Identification Number

The vehicle's identification number (VIN) is punched on the foot platform in front of the right passenger seat.



To read the number, lift the mat and slide the guard.



The VIN Number is also visible from the outside through the windshield on the front left corner of the dashboard.



NOTE:

When ordering spare parts or making inquiries, always quote the vehicle identification number.



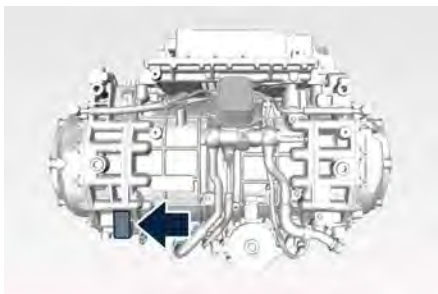
Introduction

Electric Motors Identification Number

The electric motor's identification number is punched on the front side of the crankcase, in the lower area.



Front e-axis

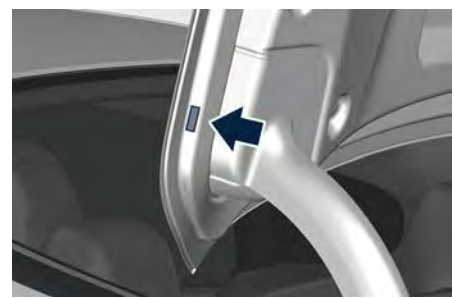
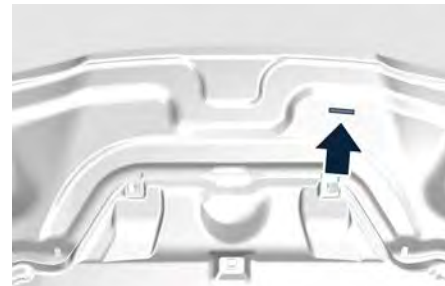


Rear e-axis

Warning and Homologation / Information Labels

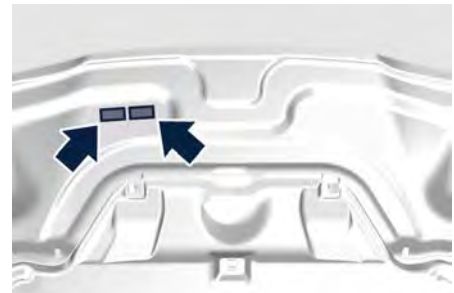
Anti-theft Label on Moving Parts (MEA market)

The labels are applied on the upper left side of the hood, on the doors frame (in the example shown the passenger side door) and on the left inner side of the trunk lid.



Overview Labels with Cautions and Warning Notes

On these labels attached on the internal side of the hood, you can identify all cautions, warning notes and symbols that are also reported on some parts/components of the vehicle. For further information refer to "Symbols on/near Components" in this section.



Passenger Air Bag Labels

The labels are applied on the external and internal side of passenger's sun visor.

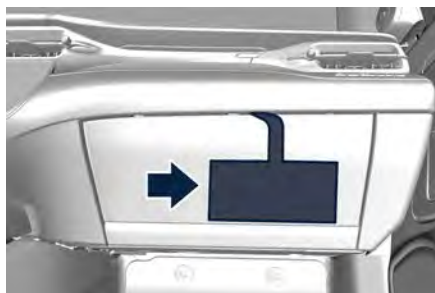


For Mexico market, the labels are applied on the external side of both sun visors.



Mexico market only

Another label is applied on the dashboard indicate that air bag system is installed to.



Vehicle Homologation Label

The label is fitted on the rear driver door's ledge and it shows the following details.

- Manufacturer's name.
- Homologation number.
- Serial Number (V.I.N.).
- Maximum admissible weight.

- Maximum admissible weight on first (front) axle.
- Maximum admissible weight on second (rear) axle.
- Electric Motors type.
- Vehicle version code.
- Assembly number.
- Paint information.



Tire Information Label (Australia and New Zealand market)

The label is fitted on the rear driver door's ledge.





Introduction

Smart Charge Port Label

The label is applied inside the charge door flap.



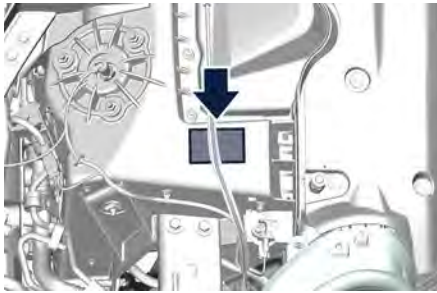
ECE Homologation Label (E)

The label is fitted on the rear passenger door ledge.



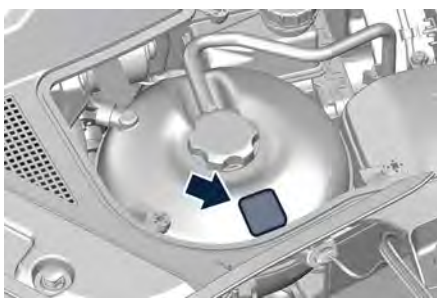
Air Conditioning System Fluid Label

The label is applied on the front left strut.



Coolant System Label

The label is applied on the coolant expansion reservoir, near the cap.

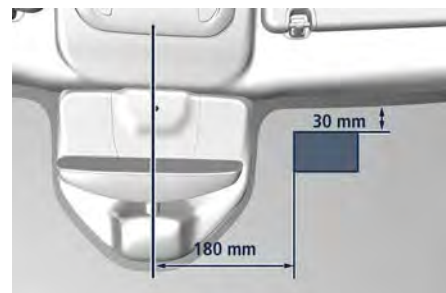


TAG (Telepass) Positioning

The TAG (telepass) must be applied inside the car to the upper part of the windscreen, on the right side of internal rear-view mirror where there is no infrared reflective coating.



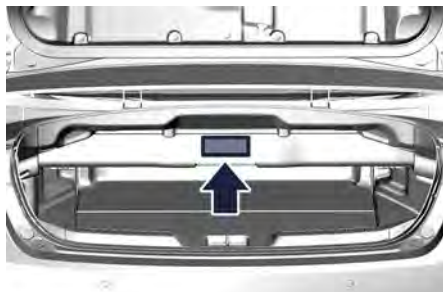
To apply the TAG (telepass), comply with the positioning dimensions compared to the upper edge of the windscreen and the centre line of the internal rearview mirror, shown in picture.



NOTE:
Radio-controlled equipment, such as toll system, can be mounted only on this area.

Cargo Spacer Label (only for GranCabrio)

The label is applied on the the cargo spacer.



Symbol on/near Components

There are specific coloured labels on or near some of the components on your Maserati designed to attract user's attention. Important warnings concerning all specific devices that the user must consider are reported on the internal side of the hood label (see "Warning and Homologation/Information Labels" in this section).

All symbols reported inside the vehicle, as well as the component for which the symbols stand, are summarized in the following list. These symbols are divided into categories according to their meaning.



WARNING!

Do not remove the warning labels from the car. If these warning labels are removed, those who work on the vehicle may not be aware of the dangers of moving parts, overheated parts or possible contact with fluids or gases that could cause serious injury.

Danger Symbols



Battery
Corrosive liquid.



Battery
Explosion.



Radiator fan
May start automatically even with electric motors off.



Coolant expansion tank
Do not open cap with electric motors warm.



High voltage components
High voltage.



Air-conditioning lines
High pressure gas, do not open.

Symbols of Prohibitions and Compulsory Measures



Battery
Keep away from flames.



Battery
Keep out of children's reach.



Heat guards - belts - pulleys - fans
Do not touch.



Battery
Wear eye protection.



Battery - jack
Refer to the owner manual.



Symbols of Filling Fluid



Brake fluid tank

Brake fluid type DOT 4. Do not exceed max. level. We recommend you use fluid with the characteristics indicated in chapter "Refilling Table" in section "Technical Specifications".



Radiator coolant expansion tank

Use antifreeze liquid for radiators with the characteristics indicated in chapter "Refilling Table" in section "Technical Specifications".



Windshield washer tank

Windshield washer. We recommend you use liquid with the characteristics indicated in chapter "Refilling Table" in section "Technical Specifications".



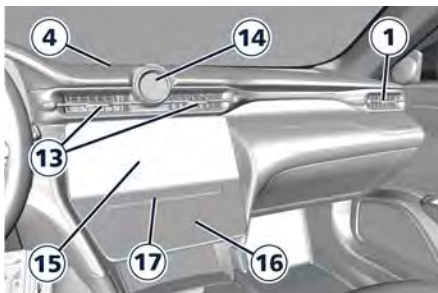
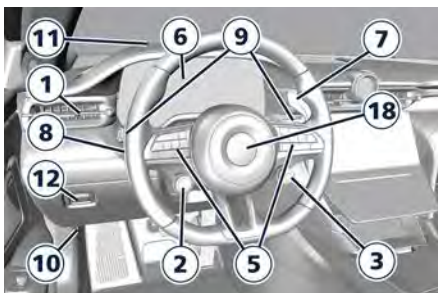
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Main Controls Overview

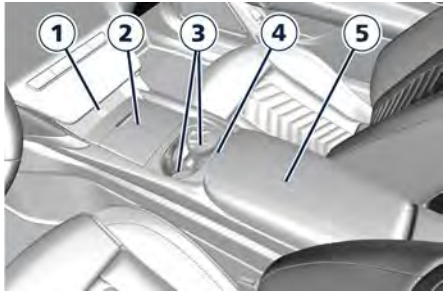
On Dashboard



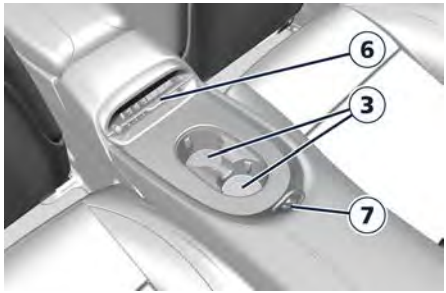
- 1 Adjustable side air outlets
- 2 Electric Motors **START/STOP** button
- 3 Drive mode selector and suspension stiffness button
- 4 Vehicle security alarm light
- 5 Steering wheel controls
- 6 Instrument cluster
- 7 eCoasting level paddle +

- 8 eCoasting level paddle –
- 9 Multifunction lever (windshield wipers, headlight selection and turn signals)
- 10 Hood release cover
- 11 Head Up Display (HUD)
- 12 Electric parking brake lever
- 13 Adjustable central air outlets
- 14 Smart clock
- 15 MIA display
- 16 Comfort display
- 17 Transmission button selectors
- 18 Horn

On Central Console



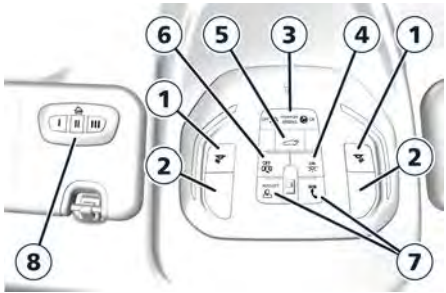
Central Console Front Part



Central Console Rear Part

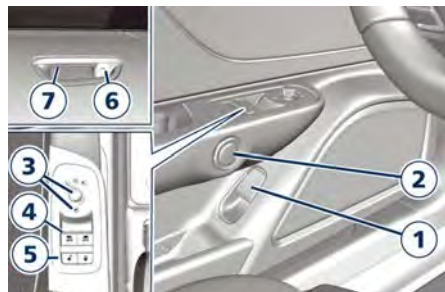
- 1 Wireless charger
- 2 Central tunnel compartment
- 3 Cup holders
- 4 Unlock button for rear central tunnel compartment
- 5 Rear central tunnel compartment with USB ports
- 6 Adjustable air outlets
- 7 USB slot

On Front Dome Console

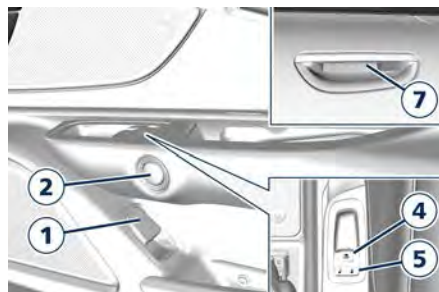


- 1 Reading lights control button
- 2 Reading lights
- 3 Passenger air bag deactivation warning light
- 4 Button to switch on passenger compartment lights
- 5 Button to open fully/partially the power boot lid (GranTurismo)
Button to unlock the boot lid (GranCabrio)
- 6 Button to turn off compartment lights when doors are opened
- 7 Button to activate the Assist Call or the SOS Emergency Call ()
- 8 HomeLink controls ()

On Front Doors



Driver door



Passenger door

- 1 Internal emergency handle
- 2 E-latch door button
- 3 External rear view mirrors switches
- 4 Power window switches
- 5 Power doors lock/unlock buttons
- 6 Door outboard manual opening lock
- 7 External door handle

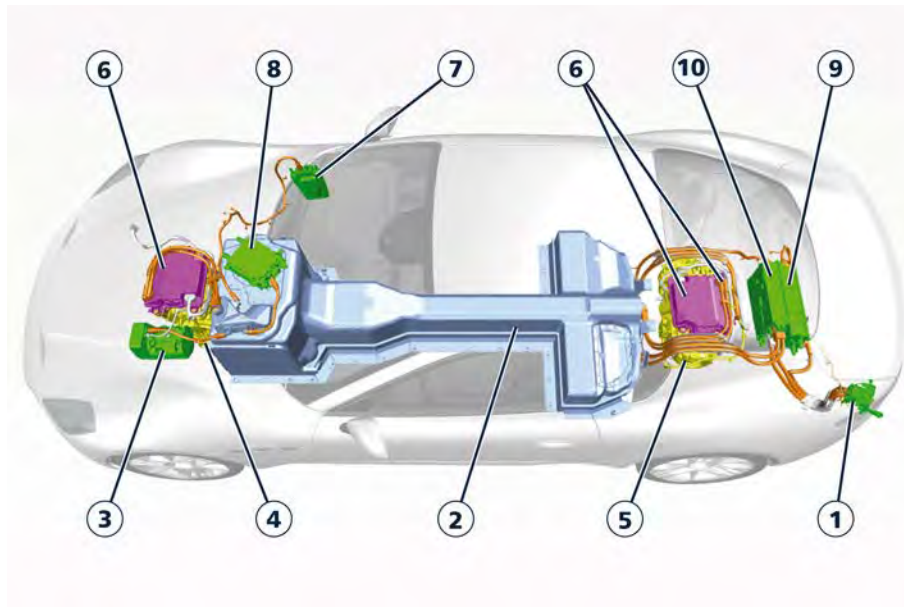


Electric System Information

System Components

The electric system installed on the BEV model is composed of the following main components:

1. Charging Port.
2. 800 V High Voltage Battery Pack.
3. Electric Air conditioning Compressor (EAC).
4. Front eAxle.
5. Rear Dual eAxle.
6. Power Inverter Module.
7. Electric Coolant Heater (ECH).
8. Auxiliary Power Module (APM).
9. On-Board Charger Module (OBCM).
10. 800 V DC Booster Charger (DCBC) (DCI).



Operating Principle

The propulsion system of the GranTurismo Folgore is completely powered by the energy contained in the high voltage lithium-ion rechargeable battery of the vehicle. Unlike conventional or hybrid vehicles, there is no internal combustion engine in this car. The vehicle uses the electrical energy stored in the high voltage battery and not fuel. This battery provides the energy needed to start moving and therefore needs to be recharged before use. If the high voltage battery is completely flat the vehicle will not start. This car also has a 12V battery of the same type as those used by vehicle with internal combustion engines. If the 12V battery is completely flat the vehicle will not start. The 12V battery supplies power to the conventional electrical system: lights, windscreen wipers, restraint systems, sound system, etc.

The high voltage battery supplies power to the electric motors and supplies the high voltage auxiliary devices (heater, electric climate compressor, etc.). The APM that powers the 12V system for general vehicle operation is also powered by the high voltage battery and also recharges the 12V battery.

The battery is charged by connecting the charging socket of the vehicle to the

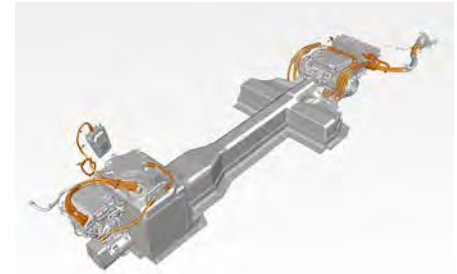
mains power supply using the charging cable.

The high voltage battery is also partially recharged while driving during deceleration or braking. During this steps, the battery is recharged by regeneration via the electric motor. This is an efficient way of recharging as the kinetic energy of the vehicle is used and converted into electric charging energy. Electric vehicle have specific characteristics of use, which is useful to know, in order to achieve optimal performance.

This vehicle respects the environment because it does not emit exhaust gases and therefore has zero CO₂ emissions.

High Voltage Battery

The high voltage battery is located at the bottom of the vehicle in a central area and is maintenance-free. In the following image the High Voltage Wires are highlighted in orange.



The high voltage battery is lithium-ion. Lithium-ion batteries provide the following benefits

- Are much lighter than other types of chargeable batteries of the same size;
- Keep the charge longer;
- Have no memory, i.e. it is not necessary to discharge them completely before recharging, as is the case with other types of batteries;
- Can be recharged and discharged, charging times vary depending on home or public charging mode and power.

The high voltage battery has a nominal voltage of 800V. The high voltage battery is equipped with conditioning systems that ensure that it operates under the best temperature conditions appropriate to its operation.



Understanding the Vehicle



WARNING!

The propulsion system of the electric vehicle is connected by the high voltage battery and when the system is active the components are then powered at high voltage. Any intervention or modification on the high voltage electrical system of the vehicle (components, cables, connectors, high voltage battery) is strictly forbidden due to the risks it may imply for your safety. In this case, contact the **Service Network**. Tampering with the high voltage system can lead to serious burns or death.

The vehicle is equipped with a safety device that inhibits the activation of the high voltage system. This device is normally used by the **Service Network** to repair and service the car.

NOTE:

The high voltage battery may only be disconnected by qualified personnel of the **Service Network**.



WARNING!

- Do not resell, give away or modify the high voltage battery. The high voltage battery must only be used on the vehicle on which it is supplied. If used outside the vehicle or modified, accidents such as electric shock, heat or smoke generation, explosion or electrolyte leakage may occur.
- If the vehicle is scrapped without removing the high voltage battery, contact with high voltage components, cables and connectors could cause very dangerous electric shock.
- If the high voltage battery is not disposed of properly, it may cause electric shock, resulting in serious injury or death.



ENVIRONMENTAL!

- Do not dispose of the battery yourself. If the vehicle is scrapped, it must be taken to the **Service Network** to have the high voltage battery removed and disposed of properly by the personnel who have the technical skills to operate in complete safety.
- Live parts of the vehicle are marked with safety warning labels. The high

voltage battery bears a label indicating this danger.

High Voltage Battery Service

The high voltage battery is designed to last for the lifetime of the vehicle. If it is necessary to service the battery, please contact the **Service Network** for information.

If the high voltage battery is replaced with a new one, the old one can:

- Be restored with a remanufacturing process and used on other vehicles;
- Have a second life in different applications, if it has been restored and it is still usable;
- Be recycled by special factories.



ENVIRONMENTAL!

The vehicle is provided with a high voltage lithium-ion battery. Inappropriate disposal of this type of battery carries a risk of serious burns, electric shock and damage to the environment. In accordance with national and international battery regulations, Maserati guarantees an adequate collection of this component in cooperation with qualified operators for the proper handling of the batteries to be disposed of.

In any moment, the user can request from Maserati the Battery Certificate,

to attest the current Charge Capacity of the Battery. Please contact the **Service Network** for further information.

General Information

The vehicle is also equipped with a battery management system designed to:

- Ensure safe operation
- Optimise driving range
- Optimise the working life of the high voltage battery

NOTE:

- You can hear a click from inside the vehicle when the car is starting and switching it off. When the ignition device is in the **ON** position, the high voltage battery contactors are closed to allow the distribution of the accumulated electricity to use the car. This typical sound is the noise of these contactors opening and closing and is normal for the vehicle.
- If the temperature of the high voltage battery is below -10°C (14°F), or above 40°C (104°F), some vehicle functions may change or turn off as battery performance decreases outside this temperature range.
- Distance to empty may vary depending on the driving conditions (such as outside temperature).

In Case of Damage to the 800 V High Voltage Battery

The high voltage battery cell has a hermetically sealed metal housing and do not represent a danger to health if the battery is used correctly.



WARNING!

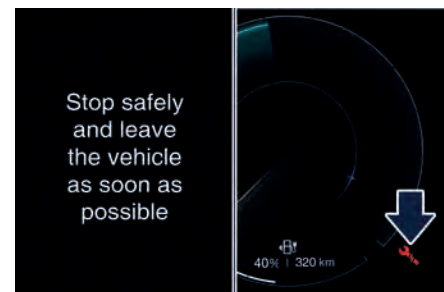
If the battery system is used improperly, damaged, overheated, abused, or unusual environmental conditions may cause the cell to leak with release of flammable electrolyte fumes.

In these cases the car warns the user through the electric system failure warning light and a message that it is necessary to safely stop the vehicle as soon as possible, switch it off, leave the vehicle, walk away to a safe place and immediately contact the emergency services.

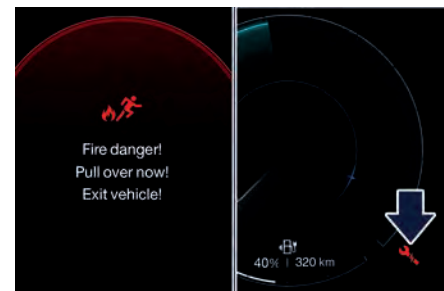
NOTE:

On late-production vehicles, the air vents will close and the windows will open.

After this event, the 800 V high voltage battery must be checked at the **Service Network**.



Early production vehicles



Latest production vehicles



CAUTION!

The High Voltage system can be damaged if the vehicle underbody comes into contact with the ground. Immediately drive your vehicle to the Service Network and have it inspected.



Understanding the Vehicle

Overheated System Components: Failures

When the temperature is not within the working range or an error occurs, the strategies shown in the following table are followed:

System Component	Fail Warning Light (*)	Fail Pop-up
High Voltage System		Electric System Unavailable See Dealer
800 V High Voltage Battery		Low Battery Level
800 V High Voltage Battery		Service Traction Battery
eAxles / Inverters		
(*) See chapter “Warning and Indicator Lights” in section “Dashboard Instruments and Controls”		

Operating Mode

As with a vehicle with automatic transmission, you must get used to not using your left foot to activate the clutch pedal which is not present. While driving, when you lift your foot off the accelerator pedal or when you press the brake pedal during deceleration, the motor generates electric current which is used to brake the vehicle and recharge the high voltage battery. Refer to the "Using the Brakes" or "Automatic Transmission" chapter in section "Driving and Driver Assistance Systems" for further details.

NOTE:

After the high voltage battery has been fully recharged and during the first kilometres of use of the vehicle, the exhaust brake is in a temporary condition of reduced effectiveness. Adapt your driving accordingly.



WARNING!

- If you intend to stop the vehicle, in addition to raising your foot from the accelerator pedal, always press the brake pedal.
- In case of bad weather and flooded roads: Do not drive on a flooded street

if the water level exceeds the lower part of the wheel rims.

- Due to the quiet operation of your electric vehicle, always set the speed selector switch to P (Park) and engage the electric parking brake and stop the motor before leaving the car. **DANGER OF SERIOUS INJURY.**

Passive and Active Safety System

Passive Safety

The passive safety system is intended to reduce the risk of suffering serious injuries in the event of an accident. Safety belts and load limiter, airbags and other auxiliary components of the occupant restraint systems described in the specific chapters of this section are essential components of this system. In addition to these components, the body with controlled deformation is of fundamental importance for passive safety. It is able to absorb the energy that develops during an impact and distribute it over the entire structure with consequent progressive deceleration of the vehicle.

To protect the occupants in these situations, the passenger compartment is a survival cell capable of maintaining maximum resistance without deforming.

Active Safety

The active safety system aims to prevent accidents or reduce their severity. To achieve this, it uses the following systems/components.

Braking and Stability Control Systems

In addition to the brake hydraulic system that operates the calipers, the car is



Understanding the Vehicle

equipped with the ESC electronic system and related subsystems. These allow, during braking, not to block the wheels while maintaining good manoeuvrability and stability of the car. Even during the acceleration phases, the TCS system can be of help avoiding the slipping of the driving wheels.

External Lights

To drive safely it is essential to be able to see the road well and be seen by others; this is why the car is equipped with the most sophisticated lighting systems.

Air Conditioning System

Even the air conditioning of the passenger compartment avoids fogging conditions and helps to increase the comfort on board and therefore the promptness of reflexes.

Occupants Restraint Systems (ORS)

The listed ORS are some of the most important safety functions in your vehicle:

- Three-point seat belts (also called lap shoulder belts) for the driver and all passengers.
- Advanced front air bags for driver and passenger.
- Supplemental seat-mounted side air bags.
- An energy-absorbing steering column and steering wheel.
- All passengers seat belts include Automatic Locking Retractors (ALR), which lock the seat belt webbing into position by extending the belt all the way out and then adjusting the belt to the desired length to restrain a child seat or secure a large item in a seat.

To carry children up to 12 years old or under 1.5 m (5 ft) in height, you must use adequate child restraint systems that can be fixed with the three point seat belts or the Isofix anchorages.

NOTE:

The advanced front air bags have a multistage inflator design. This allows the air bag to have different rates of

inflation based on the severity and type of collision.

Please pay close attention to the information in this section. It tells you how to use your restraint system properly, to keep you and your passengers as safe as possible.



WARNING!

In an accident, all occupants can suffer much greater injuries if not properly buckled up. You can strike the interior of your vehicle or other occupants or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly. Buckle up even though you are an excellent driver, even on short trips. Someone on the road may be a poor driver and cause an accident that includes you. This can happen far away from home or on your own street.

Statistics report that seat belts save lives and reduce the seriousness of injuries in an accident. Some of the worst injuries happen when people are thrown from the vehicle. Seat belts reduce the possibility of ejection and the risk of injury caused by striking the inside of the vehicle.

Everyone in a motor vehicle should be belted at all times.

Three-Point Seat Belts

All seating positions in your vehicle are equipped with combination lap-shoulder belts.

The belt retractor is designed to lock during very sudden stops or impacts. This function allows the shoulder part of the belt to move freely with you under normal conditions, conforming perfectly to the body of the occupants. However, in an accident, the belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out.

The driver is responsible for respecting, and ensuring that all the other occupants of the car also observe the local regulations concerning the use of seat belts. Always fasten the seat belts before starting the vehicle.



WARNING!

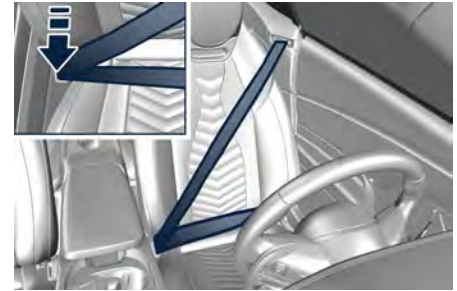
- It is forbidden and dangerous to travel in a cargo area. In an accident, people travelling in these areas are more likely to be seriously injured or killed.
- Do not allow any person to travel in any area of your vehicle that is not equipped with seats and seat belts.

- **Be sure all passengers are in a seat and using a seat belt properly.**
- **Wearing a seat belt improperly is dangerous. Seat belts are designed to go around the large bones of your body. These are the strongest parts of your body and can best absorb the impact of an accident.**
- **Wearing your belt in the wrong place could make your injuries in an accident much worse. You might suffer internal injuries, or you could even slide out of part of the belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.**
- **Two people should never be belted into a single seat belt. People belted together can crash into one another in an accident, hurting one another severely. Never use a lap/shoulder belt for more than one person, no matter what their size.**
- Remember that, in the event of an accident, the rear seat passengers not wearing the seat belts are not only subject to personal injuries but also represent a serious danger for the front seat occupants.

Three-Point Seat Belts Use Instructions

- Enter the vehicle and close the door. Sit back and adjust the seat.

- The seat belt latch plate is on rear door pillar, above the seat on the external side.
- Hold the latch plate and pull the belt across you, make the belt go around your body and when the belt is long enough to fit, insert the latch plate into the buckle until you hear a “click.”



WARNING!

- A belt that is buckled up into the wrong buckle will not protect you properly. The lap portion of the belt could ride too high on your body, possibly causing internal injuries. Always buckle up your belt into the corresponding buckle.
- A belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing



Understanding the Vehicle

- the possibility of injury. Wear your seat belt comfortably.
- A belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in an accident, increasing head and neck injury. A belt worn under the arm can also cause internal injuries. Ribs are not as strong as shoulder bones. Wear the belt over your shoulder so that your strongest bones will take the impact of a collision.
 - The lower part must adhere to the pelvis rather than the abdomen of the occupant. To fasten the lap belt pull slightly up the diagonal portion of the shoulder belt. To loosen the lap belt if too tight, tilt the latch plate and pull on the lap belt. A snug belt reduces the risk of sliding under the belt in an accident.
- A twisted belt will not protect you properly. In a collision, it could even cut into you. Be sure the belt is straight. If you can't straighten a belt in your vehicle, take it to a Service Centre immediately.
 - Do not use devices (clips, fastenings etc.) that prevent the seat belts from laying close to the occupants bodies.
 - Do not carry children on a passenger's lap using only one seat belt for protecting both.
 - Position the shoulder belt on your chest so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the belt.
 - To release the belt, push the red button on the buckle. The belt will automatically retract to its stowed position. If necessary, guide the seat belt with your hand while it is rewinding, to prevent it from twisting.



WARNING!

- A lap belt worn too high can increase the risk of internal injury in an accident. The belt forces won't impact on the strong hip and pelvic bones, but across your abdomen. Always wear the lap belt as low as possible and keep it comfortable.



WARNING!

A frayed or torn belt could break in an accident and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately.

Do not disassemble or modify the system. Seat belt/retractor assemblies must be replaced by the Service Network after an accident if they have been damaged (bent retractor, torn belt, etc.).

Three-Point Seat Belt Untwisting Procedure

Use the following procedure to untwist a twisted three-point belt.

- Position the latch plate as close as possible to the anchor point.
- At about 15 to 30 cm (0.5 to 1 ft) above the latch plate, grasp and twist the belt by 180 degrees to create a fold that begins immediately above the latch plate.
- Slide the latch plate upward over the folded belt. The folded belt must enter the slot at the top of the latch plate.
- Continue to slide the latch plate up until it clears the folded belt.

Passengers Seat Belts

All passengers seat belts are equipped with Automatic Locking Retractors (ALR) and can be used to secure a child restraint system. For additional information, see "Installing Child Restraint Systems using the Vehicle Seat Belt equipped with ALR" under "Child Restraint Systems (CRS)" in this section.

If the passenger seat position should not be used to accommodate a child restraint system, only pull the belt out far enough to comfortably wrap around the occupant so as to not activate the ALR. If the ALR is activated, you will hear a ratcheting sound as the belt retracts. In this case, allow the belt to retract completely and then carefully pull out only the amount of belt necessary to comfortably wrap around the seat occupant.

Slide the latch plate into the buckle until you hear a "click".



WARNING!

- Remember that, in the event of a violent impact, the passengers on the rear seats who are not wearing the seat belts are not only subject to personal injury but also represent a danger for passengers sitting in the front seats.
- Always fasten the seat belts.
- Travelling without the seat belts fastened significantly increases the risk of serious injury in the event of a collision, even with the air bags.
- In the event of a collision, the seat belts help reduce the possibility of the vehicle's occupants being thrown against the structures of the

passenger compartment or out of the vehicle.

- The air bags are designed to work together with the seat belts, not to substitute them. The front air bags only deploy in the event of certain head-on collisions of sufficient intensity. They may not be activated if the vehicle rolls over, or in the event of rear bumps or minor frontal collisions, or non-frontal collisions.

Using Seat Belt in Automatic Locking Retractor (ALR) Mode

Use the seat belt automatic locking mode anytime a child safety seat is installed in a seating position that has a belt with this function.

Children up to 12 years old or under 1.5 m (5 ft) in height, should be properly buckled up in a child restraint system.

Automatic Locking Mode Setting

- Buckle the lap and shoulder belt.
- Grasp the shoulder portion and pull downward until the entire belt is extracted.
- Allow the belt to retract. As the belt retracts, you will hear a clicking sound. This indicates the safety belt is now in the automatic locking mode.

Automatic Locking Mode Unsetting

Unbuckle the three-point seat belt and allow it to retract completely to

disengage the automatic locking mode and activate the vehicle emergency locking mode.



WARNING!

- The belt and retractor assembly must be checked by the Service Network and must be replaced if the Automatic Locking Retractor (ALR) function or any other seat belt function is not working properly.
- Failure to replace the belt and retractor assembly could increase the risk of injury in collisions.

Use of Seat Belt Reminder (SBR) System

The SBR system has the function to remind the driver and the passengers to fasten the seat belts.

The system monitors whether the driver and passengers seat belts are buckled or unbuckled through warning light icons.

Rear Seat Belts State Visualized on the Cluster Display

The status of each rear seat belt is visualized by an icon on the upper side of the cluster display which is activated by the buckle switch on each rear seat belt.



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The position of each icon represents the position of the rear occupants inside the vehicle.

For 65 seconds these icons illuminate on the upper left side of the display. During that time the user cannot visualize the icons on the upper part of the cluster display.

The red icons indicate the unbuckled seat belts, the green icons the buckled ones.

The system only indicates whether the seat belts are unfastened (red icons) or fastened (green icons) but does not indicate the presence of any occupant.



SBR Function for Driver and Front Passenger

In addition to the above, when the driver or the front passenger is unbelted, the SBR function activates.

The function activates with key ON.

If the driver or front seat passenger is unbelted, the SBR light  will turn on

in the instrument cluster and remain on until both front seat belts are fastened.



If the front seat belt is or becomes unfastened, the SBR warning sequence begins after the vehicle speed is over or equal 15 km/h (9 mph) or more or equal 10 km/h (6 mph) for more than 400 m (437 yds) or between 10 km/h (6 mph) and 15 km/h (9 mph) if previously unfastened for more than 50 seconds at a speed greater than 15 km/h (9 mph), by blinking the SBR light  and by sounding an intermittent chime. The sequence will continue for 108 seconds or stops when the corresponding seat belt becomes fastened. After 108 seconds the acoustic indicator stops and the light becomes fixed. After the sequence completes, the SBR light  remain illuminated until the respective seat belts are fastened.

If the opened front door on the driver or passenger side is closed and the occupant presence sensor detects a status change from occupant not present to occupant present the system can repeat the warning sequence. The driver should instruct all other occupants to fasten their seat belts. The SBR for front passenger seat is not active when the front passenger seat is not occupied. SBR may be triggered when an animal or heavy object is on the front passenger seat. It is recommended to restrain pets in the rear seat, in pet harnesses or pet carriers that are secured by seat belts, and properly stow cargo.

Seat Belts and Pregnant Women

Seat belts should also be worn by pregnant women: the risk of injury in the event of an accident is greatly reduced for them and the unborn child if they are wearing a seat belt. The best way to protect the foetus is to protect the mother.

Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen (see figure).



When a safety belt is worn properly, it is more likely that baby will not be hurt in a crash. For pregnant women, as for anyone, the key to making safety belts effective is wearing them properly.



WARNING!

Pregnant women must scrupulously observe the above indications, as well as local regulation concerning the use of seat belts.

Supplemental Restraint System (SRS) - Air Bags

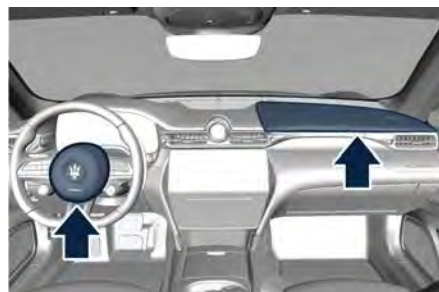
This vehicle has advanced front air bags for both the driver and front passenger as a supplement to the seat belt restraint systems.

The driver's advanced front air bag is mounted in the centre of the steering wheel in the area shown in the picture. On this area is embossed the word "AIRBAG" for easier recognition.

The passenger's advanced front air bag is mounted in the dashboard, above the glove compartment in the area shown in the picture. On this area is embossed the word "AIRBAG" for easier recognition.

NOTE:

These air bags are certified to regulations for advanced air bags.



The advanced front air bags have a multistage inflator design. This allows

the air bag to have different rates of inflation based on the severity and type of collision.

This vehicle is equipped with a driver and/or front passenger seat belt buckle sensor that detects whether the driver or front passenger seat belt is fastened. The seat belt buckle sensor may adjust the inflation rate of the advanced front air bags.

This vehicle is also equipped with Supplemental Seat-Mounted Side Air Bags (SAB) for driver and passenger head thorax protection during a side impact. The Supplemental Seat-Mounted Side Air Bags are mounted on front seats and are located in the outboard side of the front seats.

NOTE:

After any accident, the vehicle should be taken to the **Service Network** immediately.

Air Bag System Components

Your vehicle is equipped with the following air bag system components:

- Occupant Restraint Controller (ORC);
- Air bag warning light on the instrument cluster;
- Steering wheel and column;
- Instrument cluster;
- Driver advanced front air bag;
- Passenger advanced front air bag;



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- Supplemental Seat-Mounted Side Air Bags (SAB);
- Front and side impact sensors;
- Seat belt buckle switch;

Advanced Front Air Bags Properties

The advanced front air bag system has multistage driver and front passenger air bags. This system provides output appropriate to the severity and type of collision as determined by the Occupant Restraint Controller (ORC), which may receive information from the front impact sensors.

The first stage inflator is triggered immediately during an impact that requires air bag deployment. This low output is used in less severe collisions. A higher energy output is used for more severe collisions.

The electronic control unit provides for the activation of front air bags or side air bags based on different criteria, according to the type of impact. Failure of one or more systems to activate is not indicative of a system malfunction.

The front and/or lateral air bags may inflate if the vehicle suffers a violent impact involving the underbody area, for example in case of violent impacts against steps, sidewalks, speed bumps, or when the vehicle falls into potholes, or similar.



WARNING!

- **Never put objects (e.g. mobile phones, toys, folders, tablets, etc..) on the passenger side of the dashboard since they could interfere with correct inflation of the passenger air bag and also cause serious injury to the occupants.**
- **Be sure the front passenger is correctly seat without feet or arms on the passenger side of the dashboard since it could interfere with correct inflation of the passenger air bag and also cause serious injury to the occupant during an accident.**
- **Do not put anything on or around the air bag covers or attempt to open them manually. You may damage the air bags and you could be injured because the air bags may no longer be functional. The protective covers for the air bag are designed to open only when the air bags are inflating.**
- **Always drive with your hands on the steering wheel rim, so that the air bag can inflate freely if required. During the drive your back must be as upright as comfort allows and be against the seat back with the seat belt properly fastened.**

- **Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger's side air bag area, on roof side trims or on the seats to avoid malfunction of the airbag system.**
- **Do not travel with objects in your lap, in front of your chest or especially with a pipe, pencil or other objects in your mouth. In the event of a collision, the intervention of the air bag could result in serious injury.**

Front Passenger Air bag and Child Restraint System (NOT valid for Taiwan market)



WARNING!

Rearward-facing child seats must NEVER be used in the front seat of a vehicle with the front passenger air bag activated.

Deployment of the air bag in an accident could cause fatal injuries to the infant regardless of the severity of the collision.

Before installing a Child Restraints System on the front passenger seat in front of the air bag, carefully read everything reported in the chapter "Child Restraint System (CRS)" of this section.

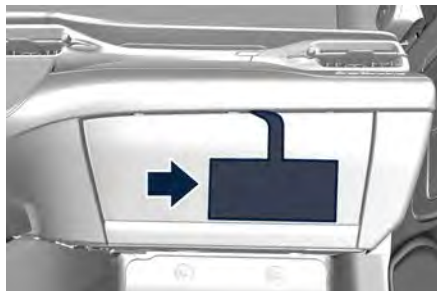


NOTE:

ALWAYS refer to the instructions written on the label located on the passenger side sunshade and behind it.



Mexico market only



Mexico market only



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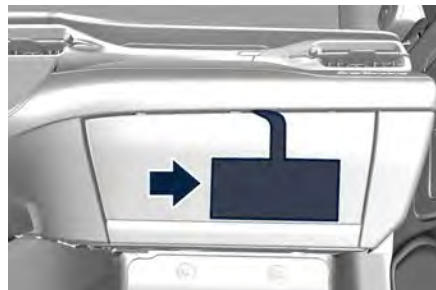
I	RISCHIO DI FERITE GRAVI O MORTALI. I seggiolini Isimbino che si montano nel verso opposto a quello di marcia non vanno installati sui sedili anteriori in presenza di air bag passeggero attivo.
GB	DEATH OR SERIOUS INJURY CAN OCCUR. NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it. DEATH or SERIOUS INJURY to the CHILD can occur
F	RISQUE DE MORT OU DE BLESSURES GRAVES. NE PAS positionner le siège pour enfant tourné vers l'arrière, en cas d'air bag passager actif.
D	Nichtbeachtung kann TOD oder SCHWERE VERLETZUNGEN zur Folge haben. Rückwärts gerichtete Kinderrückhaltesysteme (Babyschale) dürfen nicht in Verbindung mit aktiviertem Beifahrerairbag auf dem Beifahrersitz verwendet werden
NL	DIT KAN DODELIJK ZIJN OF ERNSTIGE ONGELUKKEN VEROORZAKEN. Plaats het kinderstoeltje niet ruggelings op de voorstoel wanneer er een airbag aanwezig is.
E	PUEDE OCACIONAR MUERTE O HERIDAS GRAVES. NO ubicar el asiento para niños en sentido inverso al de marcha en el asiento delantero si hubiese airbag activo lado pasajero.
PL	MOŻE GROZIĆ ŚMIERCIĄ LUB CIĘŻKIMI OBRAŻENIAMI. NIE WOLNO umieszczać fotelika dziecięcego tyłem do kierunku jazdy na przednim siedzeniu w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera.
TR	ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yolcu airbağı aktif halde iken çocuk koltuğunu araç gidis yönüne ters biçimde yerleştirmeyin.
DK	FARE FOR DØDELIGE KVÆSTELSER OG LIVSTRUENDE SKADER. Placer aldrig en bagvendt barnestol på passagerersædet, hvis passager-airbagen er indstillet til at være aktiv (on).
EST	TAGAJÄRJEKS VOIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapatja olemasolu korral ärge asetage lapse turvaistet sõidusuuna vastassuunas.
FIN	KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvaistuinta niin, että lapsi on selkää menosuuntaan, kun matkustajan airbag on käytössä.
P	RISCO DE MORTE OU FERIMENTOS GRAVES. Não posicionar o banco para crianças numa posição contrária ao sentido de marcha quando o airbag de passageiro estiver activo.
LT	GALI ĮŠTIKI MIRTIS ARBA GALITE RIMTAI SUSIŽEISTI. Nedėkite vaiko sėdynės atgretos nugara į priekinę automobilio stiklą ten, kur yra veikiant keleivio oro pagalvė.
S	KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARIGA SKADOR. Placera aldrig en bakåtvänd barnstol i framsätet då passagerarsidens krockkudde är aktiv.
H	HALÁSOS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetiránytól szembe, ha az utas oldalon légszék működik.
LV	VAR IZRAISĪ NĀVI VAI NOPIETNĀS TRAUMAS. Nenovietot mazulā sēdekli pretēji braukšanas virzienam, ja pasāģiera pusē ir uzstādīts gaisa spilvens.
CZ	HROZÍ NEBEZPEČÍ VÁŽNĚHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumísťujte detskú sedačku do opačnej polohy vŕti smeru jazdy v prípade aktívneho airbagu spolujazdce.
SLO	LAHKO PRIDE DO SMRTI ALI HUIDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratni smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike.
RO	SE POATE PRODUCÉ DECESUL SAU LEZIUNI GRAVE. Nu aşezaţi scaunul de maşină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat.
GR	ΜΠΟΡΕΙ ΝΑ ΠΡΟΚΛΗΘΟΥΝ ΘΑΝΑΤΟΣ Ή ΣΟΒΑΡΑ ΤΡΑΥΜΑΤΑ. Μην τοποθετείτε το καρέκλας αυτοκινήτου για παιδιά σε αντίθετη προς την φορά πορείας θέση σε περίπτωση που υπάρχει αερόσακος εν ενεργεία στη θέση συνεπιβάτη.
BG	ИМА ОПАСНОСТ ОТ СМЪРТ И СЕРИОЗНИ НАРАНЯВАНИЯ. Не поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътника.
SK	MOŽE NASTAŤ SMŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca.
RUS	ТРАВМЫ И ЛЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливаемое против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности.
HR	OPASNOST OD TEŠKIH ILI SMRTONOSNIH OZLJEĐA. Sjedała za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača.

Front Passenger Air bag and Child Restraint System (Valid for Taiwan market)



WARNING!

- DO NOT carry babies, infants and children on the front passenger seat.
- Deployment of the air bag in an accident could cause fatal injuries to the infant regardless of the severity of the collision.
- While certain safety systems (e.g. the airbags) have been tested to ensure that they offer the highest possible levels of protection, they may nonetheless be hazardous in the event of failure by the driver or passenger to observe the instructions given by Maserati. All vehicle occupants must be attentive at all times and take particular care when transporting passengers who are more subject to injury such as children, disabled and elderly persons. DO NOT carry babies, infants and children on the front passenger seat (see warning plate above and behind the front passenger sun visor, shown in picture).



Supplemental Air bags

Supplemental Seat-Mounted Side Air Bags (SAB)

Supplemental Seat-Mounted Side Air Bags (SAB) protect the head/thorax area of the occupants in the event of a side impact of medium/high severity. The SAB is marked with "AIRBAG" label sewn into the outboard side of the front seats.



When the air bag deploys, it opens the seam between the front and side of the



Understanding the Vehicle

seat's trim cover. Each air bag deploys independently; a left side impact deploys the left air bag only and a right side impact deploys the right air bag only.

Air Bag Deployment Sensors and Controls

Occupant Restraint Controller (ORC)

The Occupant Restraint Controller (ORC) determines if deployment of the front air bags and/or side air bags in a frontal or side collision or rollover event is required. Based on the impact sensor's signals, a central electronic ORC deploys the advanced front air bags and SAB air bags, as required, depending on the severity and type of impact.

Advanced front air bags are designed to provide additional protection by supplementing the seat belts in certain frontal collisions depending on the severity and type of collision.

Advanced front air bags are not expected to reduce the risk of injury in rear, side, or rollover collisions.

The advanced front air bags will not deploy in all frontal collisions, including those that may produce substantial vehicle damage, for example, some pole collisions, truck under rides, and corner impacts. On the other hand, depending on the type and location of impact, advanced front air bags may deploy in

crashes with little vehicle front-end damage but that produce a severe initial deceleration.

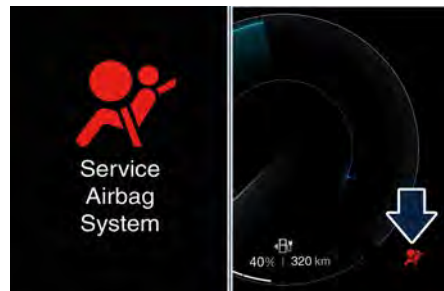
The side air bags will not deploy in all side collisions. Side air bag deployment will depend on the severity and type of collision. Because air bag sensors measure vehicle deceleration over time, vehicle speed and damage merely are not good indicators of whether or not an air bag should have deployed.

Seat belts are necessary for your protection in all accidents, and also are needed to help keep you in position, away from an inflating air bag. The ORC monitors the readiness of the electronic parts of the air bag system whenever the ignition device is in the **ON** position. If the ignition device is in the **STOP** position or not active, the air bag system is not activated and the air bags will not inflate.

Air bag Warning Light (NOT valid for Taiwan market)

The ORC contains a backup power supply system that may deploy the air bags even if the battery has low power or it becomes disconnected prior to deployment. When starting the vehicle, ORC turns on the air bag warning light  on the instrument cluster for approximately 4 to 8 seconds for a test.

After the test, the air bag warning light will turn off. If the ORC, during the diagnosis phase detects a malfunction that could affect the air bag system, it turns on the air bag warning light and the "Service Airbag System" message either momentarily or continuously. The diagnostics also record the nature of the malfunction. A beep will sound if the light illuminates again after initial startup.



The air bag warning light monitors the internal circuits and interconnecting wiring associated with air bag system electrical components.



WARNING!

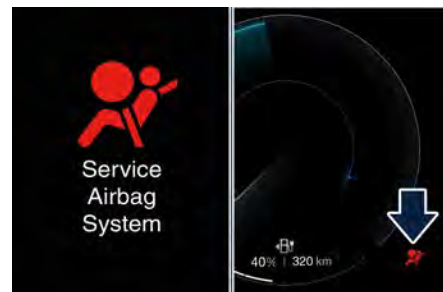
- The air bags may also be deployed when the car is not moving, if the ignition device is in ON position and within 5 seconds from the electric motors are off, if the car is hit by another moving vehicle. Therefore, even if the car is stationary, when an active passenger air bag is fitted, **DO NOT** install on the passenger seat child restraint systems to be fitted rearward facing on the front seat. Deployment of the air bag following an impact could cause fatal injuries to the child. Therefore, if the car is equipped with this device, always deactivate the passenger air bag (see “Passenger’s Air bag Deactivation” in this chapter) when a rearward facing child restraint is installed on the passenger front seat. The front passenger seat must also be positioned back as far as possible in order to avoid the child restraint from coming into contact with the dashboard. Immediately reactivate the passenger air bag as soon as the child restraint system has been removed. Also remember that, if the ignition device is in STOP position, none of the safety devices will be deployed in the event of collision. Non-

deployment of these devices does not indicate a system malfunction.

- Ignoring the air bag warning light and message in your instrument cluster could mean you won't have the air bags to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the electric motors, or if it comes on as you drive, have an authorised Maserati Service Centre service the air bag system immediately.

Air bag Warning Light (Valid for Taiwan market)

The ORC contains a backup power supply system that may deploy the air bags even if the battery has low power or it becomes disconnected prior to deployment. When starting the vehicle, ORC turns on the air bag warning light  on the instrument cluster for approximately 4 to 8 seconds for a test. After the test, the air bag warning light will turn off. If the ORC, during the diagnosis phase detects a malfunction that could affect the air bag system, it turns on the air bag warning light and the “Service Airbag System” message either momentarily or continuously. The diagnostics also record the nature of the malfunction. A beep will sound if the light illuminates again after initial startup.



The air bag warning light monitors the internal circuits and interconnecting wiring associated with air bag system electrical components.



WARNING!

- The air bags may also be deployed when the car is not moving, if the ignition device is in ON position and within 5 seconds from the electric motors are off, if the car is hit by another moving vehicle. Therefore, even if the car is stationary, when an active passenger air bag is fitted, **DO NOT** allow children to sit in the front seat. Deployment of the air bag following an impact could cause fatal injuries to the child. Therefore, **DO NOT** carry baby, infant and children on the front passenger seat. Also remember that, if the ignition device is



Understanding the Vehicle

in STOP position, none of the safety devices will be deployed in the event of collision. Nondeployment of these devices does not indicate a system malfunction.

- Ignoring the air bag warning light and message in your instrument cluster could mean you won't have the air bags to protect you in a collision. If the light does not come on as a bulb check when the ignition is first turned on, stays on after you start the electric motors, or if it comes on as you drive, have an authorized Service Centre service the air bag system immediately.

Front Air Bag Inflator Units

When the ORC detects a collision requiring the advanced front air bags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the advanced front air bags. The steering wheel hub trim cover and the upper right side of the dashboard separate and fold out of the way as the air bags inflate to their full size.

The air bags then quickly deflate while helping to restrain the driver and front passenger. The advanced front air bag gas is vented through the vent holes in the sides of the air bag. In this way, the air bags do not interfere with your control of the vehicle.

Supplemental Seat-Mounted Side Air Bag (SAB) Inflator Units

The ORC unit determines if a side collision requires the side air bags to inflate, based on the severity and type of collision. Based on the severity and type of collision, the side air bag inflator on the crash side of the vehicle may be triggered, releasing a quantity of non-toxic gas.

The inflating SAB exits through the seat seam into the space between the occupant and the door. The side air bag moves at a very high speed and with such a high force that it could injure you if you are not seated properly, or if items are positioned in the area where the side air bag inflates. This especially applies to children.

Front and Side Impact Sensors

In front and side impacts, impact sensors can aid the ORC in determining appropriate response to impact events.

Enhanced Accident Response System

In the event of an impact causing air bag deployment, if the communication network and the power remains intact, depending on the nature of the event, the ORC will determine whether the enhanced accident response system will have to perform the following functions:

- turn hazard lights and interior lights on as long as the battery has power or until the ignition device is turned off;
- unlock the doors automatically;

Air Bag Deployment Result

The advanced front air bags are designed to deflate immediately after deployment.

If you do have a collision which deploys the air bags, any or all of the following may occur:

- The nylon air bag material may sometimes cause abrasions and/or skin reddening to the driver and front passenger as the air bags deploy and unfold. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.
- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If

these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning. Do not drive your vehicle after an air bag has deployed. If you are involved in another collision, the air bags will not be in place to protect you.



ENVIRONMENTAL!

Air bag inflation releases a small amount of powder. This powder is not harmful for the environment.



WARNING!

- Deployed air bags cannot protect you in another collision. Have the air bags and the front seat belt retractor assemblies replaced by a Maserati Service Centre. Also, have the Occupant Restraint Controller (ORC) system serviced as well.
- Have the air bag checked, serviced and replaced only by the Service Network.

Air Bag System Maintenance



WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it; thus you could be injured if the air bag system is not there to protect you. Do not modify the components or wiring. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.
- It is dangerous to try to repair any part of the air bag system without the necessary know-how.
- Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to the Service Network for any air bag system service. If your seat including your trim cover and cushion needs to be serviced in any way (including removal or loosening/tightening of seat attachment bolts), take the vehicle to the Service Network.
- Only Maserati manufacturer approved seat accessories may be used. If it is necessary to modify the air bag system for persons with disabilities, contact the Service Network.

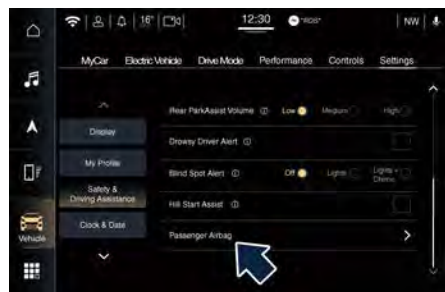
- If the speedometer, powermeter, or any electric motor related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. The air bags may not be ready to inflate for your protection. Promptly check the fuse block for blown fuses. To identify the air bag fuse, see chapter "If a Fuse Blows" in section "In an Emergency". See the Service Network if the fuse does not fix the problem.

Passenger's Air bag Deactivation (NOT valid for Taiwan market)

If you have to carry a child on the front passenger seat, always deactivate the air bag on the passenger's side before installing a rearward-facing child seat. To deactivate the air bag, open the menu "Safety & Driving Assistant" and skip to "Passenger Airbag" (see "Function of Settings Menu on MIA" in section "Dashboard Instruments and Controls" for further information).



Understanding the Vehicle



The passenger air bag is normally activated (On).

The air bag light  will illuminate on the dome console; if the passenger protection is deactivated, the OFF LED turns on fixed, otherwise, if activated, ON LED switches on fixed.



In order to activate the passenger air bag follow the same procedure on the MIA display.



CAUTION!

Should the warning light  (passenger's air bag off) malfunction, its failure will be shown on the dome console. Deactivation of the front passenger air bag does not deactivate the other air bags and the seat belt.



WARNING!

- **We recommend you to always fit any child seats on the rear seat, as this is the safest position in the event of a collision.**
- **When the passenger side air bag is deactivated the passenger seated on the front seat will not have the additional protection of the air bag in the event of a collision.**
- **Only deactivate the air bag when you are carrying a person considered at risk, and always reactivate it at the end of transportation.**

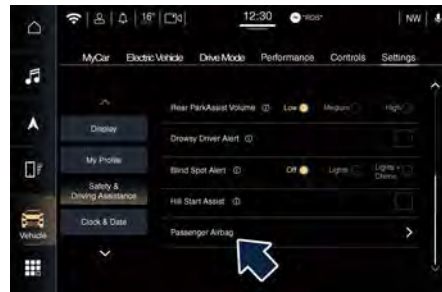
Passenger's Air bag Deactivation (Valid for Taiwan market)



WARNING!

DO NOT carry babies, infants and children on the front passenger seat.

To deactivate the air bag, open the menu "Safety & Driving Assistant" and skip to "Passenger Airbag" (see "Function of Settings Menu on MIA" in section "Dashboard Instruments and Controls" for further information).



The passenger air bag is normally activated (On).

The air bag light  will illuminate on the dome console; if the passenger protection is deactivated, the OFF LED turns on fixed, otherwise, if activated, ON LED switches on fixed.



In order to activate the passenger air bag follow the same procedure on the MIA display.



CAUTION!

Should the warning light  (passenger's air bag off) malfunction, its failure will be shown on the dome console. Deactivation of the front passenger air bag does not deactivate the other air bags and the seat belt.



WARNING!

- **DO NOT** carry baby, infant and children on the front passenger seat: always fit any child seats on the rear seat, as this is the safest position in the event of a collision.
- **When the passenger side air bag is deactivated the passenger seated**

on the front seat will not have the additional protection of the air bag in the event of a collision.

- **Only deactivate the air bag when you are carrying a person considered at risk, and always reactivate it at the end of transportation.**

Transport of persons with disability

If it is necessary to modify the advanced air bag system of your vehicle to accommodate a person with disabilities, contact the **Service Network**.



WARNING!

- **The advanced air bag system of your vehicle is not designed to protect adults with disabilities that require deactivation of the passenger or driver air bag.**
- **If you or another occupant is an adult with a medical condition that requires air bag deactivation, please contact the Service Network.**
- **Persons with disabilities are advised not to travel in the front seat in order to avoid the risk of serious injuries or death, even in minor crashes.**

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose

of an EDR is to record, in certain crash or near crash-like situations, such as an airbag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed.

The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time.

The EDR in this vehicle is designed to record such data as:

- how various systems in your vehicle were operating;
- whether or not the driver and passenger safety belts were buckled/fastened;
- how far (if at all) the driver was depressing the accelerator and/or brake pedal; and
- how fast the vehicle was travelling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

If all the available EDR locations are filled with locked events, the airbag warning lamp will be illuminated in the instrument cluster. Other conditions may lead the air bag warning lamp to be illuminated. Please refer to "Air bag Warning Light" in this chapter for further information.

(Continued)



Understanding the Vehicle

NOTE:

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. To read data recorded by an EDR, the Bosch Crash Data Retrieval (CDR) Tool is required, and access to the vehicle or the EDR is needed. If the EDR cannot be imaged using the OBD connection port in the vehicle, the Bosch CDR Tool can be directly connected to the Occupant Restraint Control module.

In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Child Restraint System (CRS)

Everyone in your vehicle needs to be buckled up all the time, including babies and children. This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC. Children up to 12 years old or under 1.5 m (5 ft) in height, must be properly buckled up in a child restraint system.

According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

NOTE:

All countries have legislation governing how and where children should be carried in a vehicle. Please check the regulations existing in your country.

The choice of the most suitable CRS depends on the weight and the height of the child.

There are different types of child restraint systems. Always refer to the manual provided with child seat to ensure it is the proper type according the travelling child.

In Europe the child restraint systems prescriptions are defined by European Standard ECE-R44 and ECE-R129.

CRS are classified into five weight groups:

Group	Age	Weight ranges	Size class / Fixing
Group 0	Indicatively up to 9 months	Up to 10 kg in weight	ISO/L1
			ISO/L2
			ISO/R1
Group 0+	Indicatively up to 2 years	Up to 13 kg in weight	ISO/R1
			ISO/R2
			ISO/R3
Group 1	Indicatively from 8 months to 4 years	9 - 18 kg	ISO/R2
			ISO/R3
			ISO/F2
			ISO/F2X
			ISO/F3
Group 2	Indicatively from 3 to 7 years	15 - 25 kg in weight	–
Group 3	Indicatively from 6 to 12 years	22 - 36 kg in weight	–
All restraint devices must bear type-approval data, together with the control mark, on a label solidly fixed to the child restraint system which must never be removed.			



Understanding the Vehicle

Over 1.5 m (5 ft) in height, from the point of view of restraint systems, children are considered as adults and wear the seat belts normally.

NOTE:

Maserati "Genuine Accessories" makes available a complete range of child restraint systems that can be fixed using the vehicle seat belts or through the Isofix anchorages.

Important Warnings for the Use of CRS (NOT valid for Taiwan market)



WARNING!

- **EXTREME HAZARD!** Rearward-facing child seats must never be used in the front seat of a vehicle with the front passenger air bag activated. An air bag deployment could cause severe injury or death to infants in this position.
- On cars equipped with passenger's air bag deactivation device, if the passenger's air bag has been deactivated always check the warning light on the front dome console to make sure that it has actually been deactivated.
- Improper installation leads to failure of an infant or child restraint. It could come loose in a collision. The child

could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing a Child Restraint System (CRS).

- Never carry children on your lap, not even newborns. No one can restrain a child in the event of an accident.
- Every child has to use one CRS; never carry two children using only one child seat.
- In case of accident, replace the child seat with a new one.
- When your CRS is not used, secure it in the vehicle with the seat belt or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.
- On GranCabrio, do not move the soft top if a child seat is installed in the car.

Important Warnings for the Use of CRS (Valid for Taiwan market)



WARNING!

- **EXTREME HAZARD!** DO NOT carry baby, infant and children on the front passenger seat.
- If the passenger's air bag is deactivated always check the warning light on the front dome console to

make sure that it has actually been deactivated.

- Improper installation leads to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing a Child Restraint System (CRS).
- Never carry children on your lap, not even newborns. No one can restrain a child in the event of an accident.
- Every child has to use one child restraint system; never carry two children using only one child seat.
- In case of accident, replace the child seat with a new one.
- When your CRS is not used, secure it in the vehicle with the seat belt or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.
- On GranCabrio, do not move the soft top if a child seat is installed in the car.

CRS Group 0 and 0+

Babies up to 13 kg (29 lb) must be carried with rearward-facing seats, which, supporting the head, do not induce stress on the neck in the event of sharp decelerations.

These CRS are fixed to the car by the three-point seat belt or by the Isofix anchorages. Check “Installing CRS using the Vehicle Seat Belt equipped with ALR” or “Isofix Universal CRS” in this chapter for further information.

NOTE:

For Group 0/0+ Semi Universal Isofix CRS are available, always check the manual to ensure the car seat is approved for your specific vehicle.



CRS Group 1

Children with weight between 9 kg to 18 kg (20 lb to 40 lb) may use forward facing seats.

These CRS are fixed to the car by the three-point seat belt or by the Isofix anchorages. Check “Installing CRS using the Vehicle Seat Belt equipped with ALR” or “Isofix Universal CRS” in this chapter for further information.

NOTE:

Regardless of the type of CRS, always check that the seat belt is well fastened by pulling on it.



CRS Group 2

Children from 15 kg to 25 kg (33 lb to 55 lb) may use the car seat belts directly.

These CRS are fixed to the car by the by the three-point seat belt or by the Isofix anchorages. Refer to “Installing Child Restraint Systems using the Vehicle Seat Belt equipped with ALR” or “Isofix Universal CRS” in this chapter for further information.

This type of child seat is featured to position the child correctly towards the belts so that the diagonal section crosses the child’s chest and not its neck, and the lower part is snug on the pelvis and not on the abdomen. Always check that the seat belts do not restrain the child’s throat.



CRS Group 3

For children with weight between 22 kg to 36 kg (49 lb to 79 lb) devices are available to position the seat belt correctly.

- Make sure that the child is upright in the seat.
 - The lap portion must adhere to the pelvis and as snug as possible.
 - Check belt or slouching can move the belt out of position.
 - Always check that the seat belts do not restrain the child’s throat.
 - Never allow a child to put the shoulder belt under an arm or behind their back.
- Over 1.50 m (5 ft) in height children can wear seat belts like adults.



Some Tips on Getting the Most out of your CRS

- Before buying any CRS, make sure that it has a label certifying that it meets all applicable Safety Standards. Maserati recommends that you make sure that you can install the child restraint system in the vehicle where you will use it before you buy it.
- The CRS choice must be appropriate for your child's weight.
- Carefully follow the instructions that come with the CRS. If you install the CRS improperly, it may not work when you need it.
- Fit the child into the seat according to the CRS manufacturer's directions.



Child Restraint System Installation

The following table provides guidelines on positioning child restraint systems on the car seats. Each child restraint system position complies with the UNECE standards.

GranTurismo

 Seat number	1 (B)	3 (B)		4	6
Front passenger airbag	—	Deactivated "OFF"	Activated "ON"	—	—
Position compatible with a universal (a) child seat Rearward facing	NA	YES	NO	NO	NO
Position compatible with a universal (a) child seat Forward facing	NA	NO	YES (X)	NO	NO
Position compatible with an i-Size child seat Rearward facing	NA	NO	NO	NO	NO
Position compatible with an i-Size child seat Forward facing	NA	NO	NO	NO	NO
Position equipped with a TOP TETHER hook	NA	NO	NO	YES	YES



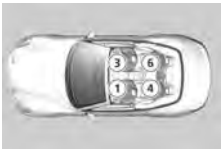
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2

	1 (B)	3 (B)		4	6
Seat number					
Front passenger airbag	—	Deactivated "OFF"	Activated "ON"	—	—
"Carrycot" type child seat (L1 L2)	NA	NO	NO	NO	NO
"Rearward facing" ISOFIX child seat (R1 R2 R3)	NA	NO	NO	R2	R2
"Forward facing" ISOFIX child seat (F2 F2X F3)	NA	NO	NO	F2X	F2X
"Booster" child seat (B2/B3)	NA	NO	NO	NO	NO
A position that is i-Size compatible is also compatible for R1, R2 and F2X, F2, B2. A position that is R3 compatible is also compatible for R1 and R2. A position that is R2 compatible is also compatible for R1. A position that is F3 compatible is also compatible for F2X and F2. A position that is B3 compatible is also compatible for B2. NOTE (X) = With forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point. (B) = Not valid for Taiwan market. Base on traffic regulation of Republic of China, always fit any child seat on the rear seat.					



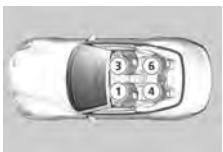
GranCabrio

 Seat number	1 (B)	3 (B)		4	6
Front passenger airbag	—	Deactivated "OFF"	Activated "ON"	—	—
Position compatible with a universal (a) child seat Rearward facing	NA	YES	NO	NO	NO
Position compatible with a universal (a) child seat Forward facing	NA	NO	YES (X)	NO	NO
Position compatible with an i-Size child seat Rearward facing	NA	NO	NO	NO	NO
Position compatible with an i-Size child seat Forward facing	NA	NO	NO	NO	NO
Position equipped with a TOP TETHER hook	NA	NO	NO	YES (only for Australia)	YES (only for Australia)
"Carrycot" type child seat (L1 L2)	NA	NO	NO	NO	NO



Understanding the Vehicle

2

	1 (B)	3 (B)		4	6
Seat number					
Front passenger airbag	—	Deactivated "OFF"	Activated "ON"	—	—
"Rearward facing" ISOFIX child seat (R1 R2 R2X R3)	NA	NO	NO	R2X (A)	R2X (A)
"Forward facing" ISOFIX child seat (F2 F2X F3)	NA	NO	NO	F3	F3
"Booster" child seat (B2/B3)	NA	NO	NO	NO	NO
A position that is i-Size compatible is also compatible for R1, R2 and F2X, F2, B2. A position that is R3 compatible is also compatible for R1 and R2. A position that is R2 compatible is also compatible for R1. A position that is F3 compatible is also compatible for F2X and F2. A position that is B3 compatible is also compatible for B2. NOTE (X) = With forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point. (A) = The seat in front of CRS must be positioned more forward than the longitudinal halfway point (B) = Not valid for Taiwan market. Base on traffic regulation of Republic of China, always fit any child seat on the rear seat.					

Summary of Children Safety

Transporting Regulations:

Children up to 12 years old or under 1.50 m (5 ft) may only travel if secured, using adequate CRS. We recommend to always fit any CRS on the rear seats, as this is the safest position in the event of a collision.

If the vehicle is equipped with active passenger air bags, do not place rearward-facing infant seats on front passenger seat.

On cars equipped with this device, when deactivating the passenger-side air bag, always check the illumination of the warning light  on the dome console, indicating the air bag has been deactivated (see “Supplemental Restraint System (SRS) - Air bags” in this section).

Strictly follow the instructions which the manufacturer is obliged to provide with the CRS.

Keep the instructions in the vehicle together with the documents. Do not use a CRS which does not comprehend any instructions for use.

Installing CRS using the Vehicle Seat Belt equipped with ALR

The passenger seat belts are equipped with an Automatic Locking Retractor (ALR) to secure child protection through a Child Restraint System (CRS). These

types of seat belts are designed to keep the lap portion of the seat belt tight around the child restraint seat avoiding to use a locking clip.

The ALR will make a ratcheting noise if the entire belt is pulled out of the retractor in order to enable the belt retracting subsequently. For additional information on ALR, see “Using Seat Belt in Automatic Locking Retractor Mode (ALR)” in “Occupants Restraint Systems (ORS)” of this section.

To install a CRS with ALR, pull enough of the belt out of the retractor leading it through the belt path of the protection device. Slide the latch into the buckle until it clicks. Remove then the entire safety belt from the retractor in order to rewind. While rewinding a click will indicate the safety belt is now in Automatic Locking mode.

Exert then a traction on the exceeded lap section of the belt in order to tighten it around the child restraint seat. All seat belts will loosen over time, it is therefore necessary to check them periodically and set them properly.

Isofix Universal CRS

Your vehicle's side rear seats are all equipped with Isofix anchorages. The Isofix Universal system allows the CRS to be fixed without using the vehicle's seat belts, instead fixing the

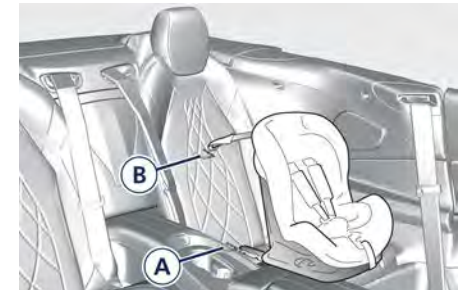
CRS to the vehicle structure, using lower anchorages **A** and upper tether strap **B**.

NOTE:

On GranCabrio, the upper tether strap **B** is valid only for Australian and New Zealand market.



GranTurismo



GranCabrio

NOTE:

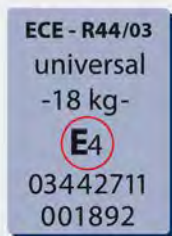
Remember that when using a Isofix Universal child seat, you can only use
(Continued)



Understanding the Vehicle

(Continued)

approved child seats with the marking ECE-R44 "Isofix Universal" (03 release or post, see the example in the figure) and ECE-R129.



You should never install Isofix Universal child seats so that two seats share a common lower anchorage.

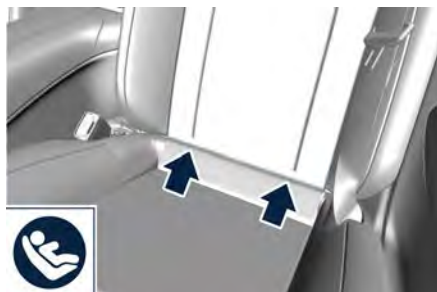
If your CRS are not Isofix Universal, install the restraints using the vehicle's seat belts.

Installing an Isofix Universal CRS (only for GranTurismo)

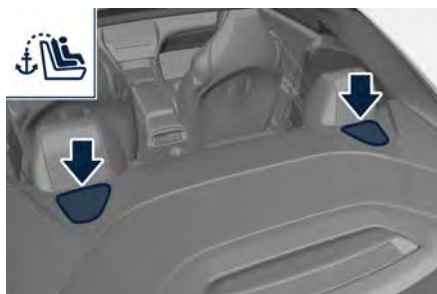
Follow the manufacturer's instructions provided with the CRS.

The lower Isofix anchorages are "U" metal rings located on the rear seat where the cushion meets the seatback and are located just below the symbol shown in the picture, but are not visible. You will easily feel them if you run your

finger along the intersection of the seatback and seat cushion surfaces.



Top tether strap anchorages are placed on the rear parcel shelf behind the head restraints.

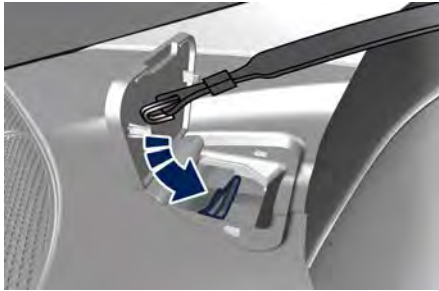


Such anchorages can be reached opening the Isofix covers (see picture).



To fix an Isofix Universal CRS for **weight group 1** proceed as follows.

- Secure the child seat to the "U" lower metal rings positioned on the rear seat.
- Fix the end of the upper belt, also called Top Tether (provided with the child seat), to the attachment located on the rear parcel shelf, behind the head restraints.
- Route the top tether to provide the most direct path between the anchorage on the rear parcel shelf and the CRS passing it on the headrest top surface.



- Tighten upper strap until you reach the tension level recommended by the restraint system manufacturer.

NOTE:

- The other weight groups are covered by specific Isofix CRS, which can be used only if specifically tested for this car (see list of cars provided with the child seat).
- For any further details on installation and/or use, refer to the instructions provided with the child seat.

**WARNING!**

- Fit the child seat when the car is stationary. The child seat is correctly fixed to the anchorages when hearing a click. Follow the instructions for assembly, disassembly and positioning that the manufacturer must supply with the child restraint system.

- **An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchor position directly behind the child seat to secure a child restraint top tether strap.**

NOTE:

When using an Isofix CRS, please ensure that all seat belts not being used for occupant restraints are stowed and out of reach of children.

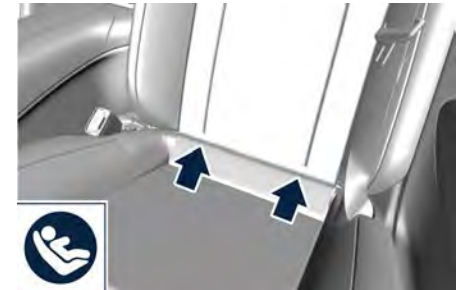
**WARNING!**

- **Improper installation of a Child Restraint System (CRS) to the Isofix anchorages can lead to failure of an infant or child restraint. The child could be badly injured or killed. Follow the CRS manufacturer's directions exactly when installing an infant or CRS.**
- **CRS anchorages are designed to withstand only those loads imposed by correctly fitted CRS. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.**

Installing an Isofix Universal CRS (only for GranCabrio)

Follow the manufacturer's instructions provided with the CRS.

The lower Isofix anchorages are “U” metal rings located on the rear seat where the cushion meets the seatback and are located just below the symbol shown in the picture, but are not visible. You will easily feel them if you run your finger along the intersection of the seatback and seat cushion surfaces.



Only for Australian and New Zealand market, top tether strap anchorages are placed behind the rear seats backrest.



Australian and New Zealand market only



Understanding the Vehicle

Such anchorages can be reached by lifting the lining of the rear seat backrest and removing the padding (see picture).



Australian and New Zealand market only

To fix an Isofix Universal CRS for **weight group 1** proceed as follows.

- Secure the child seat to the “U” lower metal rings positioned on the rear seat.
- Fix the end of the upper belt, also called Top Tether (provided with the child seat), to the attachment located behind the rear seat backrest.
- Route the top tether to provide the most direct path between the anchorage behind the rear seat backrest and the CRS.



Australian and New Zealand market only

- Tighten upper strap until you reach the tension level recommended by the restraint system manufacturer.

NOTE:

- The other weight groups are covered by specific Isofix CRS, which can be used only if specifically tested for this car (see list of cars provided with the child seat).
- For any further details on installation and/or use, refer to the instructions provided with the child seat.



WARNING!

- **Fit the child seat when the car is stationary. The child seat is correctly fixed to the anchorages when hearing a click. Follow the instructions for assembly, disassembly and positioning**

that the manufacturer must supply with the child restraint system.

NOTE:

When using an Isofix CRS, please ensure that all seat belts not being used for occupant restraints are stowed and out of reach of children.



WARNING!

- **Improper installation of a Child Restraint System (CRS) to the Isofix anchorages can lead to failure of an infant or child restraint. The child could be badly injured or killed. Follow the CRS manufacturer's directions exactly when installing an infant or CRS.**
- **CRS anchorages are designed to withstand only those loads imposed by correctly fitted CRS. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.**

Maserati Recommended CRS for this Vehicle

“Maserati Genuine Accessories” makes available a complete range of CRS that can be fixed using the vehicle seat belts or through the Isofix anchorages.

NOTE:

Please check the availability of the Child Seats for your Country.

Child Seat 0-4 years old (40 - 105 cm / 1.31 - 3.44 ft)	 Approval Number with Isofix Basement: UN R129/00. Maserati recommends this seat for this weight group. The Maserati Service Network can provide you with all information about the Maserati Child Seats, available in the "Genuine Accessories" range.
Child Seat 15 months - 12 years old (76 - 150 cm / 2.49 - 4.92 ft)	



Understanding the Vehicle

Child Seat 15 months - 12 years old (76 - 150 cm / 2.49 - 4.92 ft)	Approval Number with Isofix Basement: UN R129/03. Maserati recommends this seat for this weight group. The Maserati Service Network can provide you with all information about the Maserati Child Seats, available in the "Genuine Accessories" range. NOTE Only for GranTurismo.
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WARNING!

Maserati recommends to install the child seat according to the manufacturer's directions that must be supplied with it.

Important Safety Notice for Transporting Children

- Install the child seat on the rear seat as this is the safest position in case of collisions.
- Use the CRS on the rear seats in the rear-facing position as long as possible, if possible until the child is 3-4 years old.
- On cars equipped with this device, when deactivating the front passenger air bag, make sure that the  light and the "OFF" light on the dome console stay on to indicate the correct deactivation.
- Keep the instructions in the vehicle together with the documents. Do not use a CRS which does not provide any instructions for use.
- Every child has to use one CRS; never carry two children using only one CRS.
- If using the vehicle seat belt, always check that the belt does not restrain the child's throat.
- Firmly pull the seat belt to check that it is correctly buckled.

- Never allow a child to seat improperly or to unbuckle the seat belt while driving.
- Never allow a child to wear the shoulder portion of the belt under the arms or behind the back.
- Never carry children on your lap, not even newborns. No one can restrain a child in the event of an accident.
- In case of accident, replace the CRS with a new one.

Active Roll Bars (only for GranCabrio)

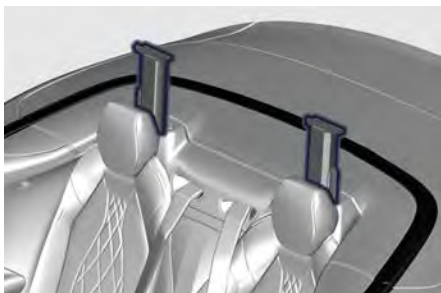
The active roll bars that equip the vehicle have been designed for protecting rear passengers in the event of a vehicle rollover.

They are fitted behind the rear seat headrests, usually in a hidden position, and are activated by a specific ECU which, only in the case of high-severity rollover, ejects them in a few tenths of a second. A cross member then locks them in this position..

The roll bars have been designed in such a way that they can be fully deployed also with the soft top closed.

This is ensured by a device which breaks the rear window when it comes in contact with it.

In combination with the windshield outer frame, they help creating an anti-intrusion safety cell.



In addition to being ejected in the case of rollovers around the vehicle longitudinal axis (as shown in the figure) the active roll bars activate as a precautionary measure in the event of sufficiently severe side and rear collisions, and in all cases where the battery might be disconnected. They do not activate in the event of spinning.



WARNING!

- The active roll bars do not prevent the risk of the occupants being thrown out of the vehicle or hitting against its internal structures. Only the seat belts are designed for these purposes and must always be properly fastened when travelling.
- Passengers travelling in the rear seats must never travel with their head resting on the roll bars or sitting on them. If the roll bars are ejected, passengers travelling in these positions would be exposed to the risk of severe injuries.
- We recommend that you do not place stickers or other objects on top or in the vicinity of the roll bars, as these could delay or inhibit roll bar ejection. In addition, these objects could be propelled inside the passenger compartment at very high speeds, which may jeopardise the occupants personal safety.
- Active roll bar is a device with pyrotechnic activation: it cannot be therefore repaired. After activation, the roll bar must be always replaced. Contact the Service Network to have the system properly repaired.
- As a consequence of incorrect operations on the electric system, the active roll bars may activate causing injuries to persons in the vicinity.
- Never remove or tamper with the system components. Any and all operations must be performed only by qualified and authorised personnel. Always contact the Service Network.
- If the vehicle was stolen or its theft attempted, if it was vandalised or involved in flooding, contact the Service Network to have the active roll bar system checked.



Tires Information

Tire Sidewall Markings

All standardized tire information is marked on sidewall.

The federal law of some countries requires tire manufacturers to mark specific information that you may not find on your car tires.

In the example of the figure and in the related list are given only the main indicators that define the size and use of the tire.

NOTE:

The following “295/30 ZR21 102 (Y)” tire is only an example and this tire may not be available on your vehicle.



Mark	Meaning
295	Section width in millimetres (mm)

Mark	Meaning
30	Aspect ratio in percent (%) - Ratio of section height to section width of tire
ZR	Construction Code • Z: means a tire usable at speeds greater than 300 km/h (186 mph) • R: means radial construction
21	Rim diameter in inches (in)
102	Load Index - A numerical code associated with the maximum load a tire can carry
(Y)	Speed Index - A letter indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions. The maximum speed corresponding to the speed index should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)

NOTE:

Before choosing a type of tire, please contact the **Service Network** who will be able to indicate which tires are suitable and compatible with the rims of your car.

Tire Pressure

Proper tire inflation pressure is essential for safety and best performance of your vehicle. The tire pressure monitoring system “TPMS” setup on the vehicle (see “Tire Pressure Monitoring System (TPMS)” in this section) may alert the driver about insufficient tire pressure even though the driver is responsible for checking regularly the tire pressure.

Radial tires fitted on the vehicle may look properly inflated even when they actually are under inflated. Do not make a visual judgment when determining proper inflation.

Three primary driving aspects are affected by improper tire pressure:



Understanding the Vehicle

Safety



WARNING!

- **Improperly inflated tires are dangerous and can cause collisions.**
- **Under-inflation increases tire flexing and can result in tire overheating and failure.**
- **Over-inflation reduces a tire's ability to cushion shock. Objects on the road and potholes can cause damage that result in tire failure.**
- **Over-inflated or under-inflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.**
- **Unequal tire pressures can cause steering problems. You could lose control of your vehicle.**
- **Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.**
- **Always drive with each tire inflated to the recommended cold tire inflation pressure.**

Economy

Improper inflation pressures may cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life resulting in a need for earlier tire replacement. Under-inflation also increases tire rolling

resistance resulting in higher power consumption.

Ride comfort and vehicle stability

Proper tire inflation contributes to a comfortable ride. Over-inflation produces a jarring and uncomfortable ride.

Tire Pressure Checkup

The proper cold tire inflation pressure is indicated on the table "Tire Inflation Pressure" in section "Technical Specifications".

Inflation pressure specified on the table always refers to "cold tire inflation pressure". Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1.6 km (1 mi) after a three hour period.

Check tire pressures more often in case of significant outside temperature changes, as tire pressure varies according to temperature changes. The pressure should be checked and if necessary adjusted; tire wear and overall conditions should also be checked monthly. Tire pressures change by approximately 0.07 bar per 7°C of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in winter.

Example: If garage temperature = 20°C and the outside temperature = 0°C then the cold tire inflation pressure should be increased by 0.21 bar for every 7°C for this outside temperature condition.

Tire pressure may increase from 0.13 to 0.4 bar during operation. DO NOT reduce this normal pressure build-up or your tire pressure will be too low.

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the valve stem and the TPMS sensor connected to it.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you determine when your tires should be replaced. These indicators are moulded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes 1.6 mm (0.06 in). When the tread is worn to one of the tread wear indicators, the tire should be replaced.

**WARNING!**

The wet performance (aquaplaning resistance) will decrease proportionally to the thickness of the tread.

Tires Durability

The service life of a tire depends on various factors including, but not limited to:

- driving style;
- tire pressure;
- distance driven.

**WARNING!**

Tires and the spare tire should be replaced after four years, regardless of the remaining tread. Failure to follow this warning can result in tire failure. You could lose control and have a collision resulting in serious injury or death.

Replacement Tires**NOTE:**

In order to maintain high performance and safety level under all driving conditions, Maserati strongly recommends to use tires equivalent to the originals in size, quality and performance when replacement is needed.

For the size designation of your tire see table “Wheels and Tires” in section “Technical Specifications”. The load index and speed symbol for your tire will be found on the original equipment tire sidewall.

NOTE:

Maserati recommends Maserati Genuine Tires marked with “MGT” logo specifically designed for its models.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle’s handling. If you ever replace a wheel assembly, make sure that the wheel’s specifications (valve, TPMS sensor and tire) match those of the original wheels. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle. The **Service Network** is available to provide suggestions as to the types of tires most suited to the use foreseen by the Customer.

**WARNING!**

- **Do not use a tire, wheel size or rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in altered steering, handling, and braking operations of the vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel sizes with load ratings appointed for your vehicle.**
- **Never use a tire with a smaller load index or capacity, other than what was originally listed in the registration document. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.**
- **Always check the maximum speed rating on the tire sidewall on any tire on the vehicle.**
- **Never exceed the maximum speed and load capacity rating of the tires. Risk of accident and serious personal injury due to excessive speed.**



Understanding the Vehicle

- **Failure to equip your vehicle with tires having adequate speed capability can result in tire failure and loss of vehicle control.**



CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and powermeter readings.

Tire Types



CAUTION!

Before mounting any type of tire, contact the **Service Network** to receive the technical information necessary to advise you on wheel and tire compatibility.

As to the type of tires to use, inflation pressures and tires specifications, carefully follow the indications as reported in the section "Technical Specifications".

Summer Tires

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with summer tires, be aware these tires are not designed for winter or cold driving conditions. Install winter tires on your vehicle when ambient temperatures

are less than 5 °C (40 °F) or if roads are covered with ice or snow. For more information, contact the **Service Network**.

Summer tires do not contain the all season designation or mountain/snowflake symbol on the tire sidewall. Use summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.



WARNING!

The summer tires profile and rubber mixture are optimised for wet and dry driving conditions. Summer tires may not prove favourable for snow conditions: install snow tires before driving in such conditions to avoid risk of loss of control and damage to the vehicle as well as serious personal injury.

All Season Tires

All season tires provide traction for all seasons (spring, summer, fall, and winter). Traction levels may vary between different all season tires. All season tires can be identified by the M+S (Mud + Snow), M&S, M/S or MS designation on the tire sidewall. Use all season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow Tires

Some areas of the country require the use of snow tires during the winter. Snow tires can be identified by a  mountain/snowflake symbol on the tire sidewall.

If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle.

In the following table there is the list of the "MGT" snow tires speed indices with the related maximum achievable speed.

Speed Index	Maximum Speed
V	240 km/h (149 mph)



SEE OWNERS MANUAL
FOR ADDITIONAL
INFORMATION 

**NOTE:**

- When winter tires are fitted, apply the warning sticker shown above stating "Max. 240 km/h / 149 mph" in the lower area of the windscreen, on the driver's side, as a reminder that speeds over 240 km/h / 149 mph are not permitted.
- Refer to original equipment or the **Service Network** for recommended

warning sticker, safe operating speeds, loading and cold tire inflation pressures.

While studded tires improve performance on ice, skid and traction capability on wet or dry surfaces may be poorer than that of non-studded tires. Some states prohibit studded tires; therefore, local laws should be checked before using these tire types.



Only for GranCabrio, configuration different from those below-mentioned are NOT allowed:

If Winter Tires installed in the vehicle have Speed Symbol "Y", Max speed permissible at max Load (see chapter "Weights" in section "Technical Specification") is 290 km/h.

Pressure values are the same of Summer Tires (see chapter "Tire Inflation Pressure" in section "Technical Specification").



CAUTION!

If Winter Tire have speed symbol "W" Max Speed Permissible at Max Load is 250 km/h.

If Winter Tires installed in the vehicle have Speed Symbol "W", Max speed permissible at max Load (see chapter "Weights" in section "Technical Specification") is 250 km/h.

Pressure values at Max Speed Permissible and Max Load are:

- Front: 300 [kPa]
- Rear: 310 [kPa]

If Winter Tires installed in the vehicle have Speed Symbol "V", Maximum speed is 240 km/h.

For the Pressure Values refers to chapter "Tire Inflation Pressure" in section "Technical Specification").

If Winter Tires installed in the vehicle have Speed Symbol "H", Maximum speed is 210 km/h.

Pressure Values at Max speed and Max Load (see chapter "Weights" in section "Technical Specification") are:

- Front: 260 [kPa]
- Rear: 280 [kPa]

If Winter Tires installed in the vehicle have Speed Symbol "U", Maximum speed is 200 km/h.

Pressure Values at Max speed and Max Load (see chapter "Weights" in section "Technical Specification") are:

- Front: 260 [kPa]
- Rear: 270 [kPa]

If Winter Tires installed in the vehicle have Speed Symbol "T", Maximum speed is 190 km/h.

Pressure Values at Max speed and Max Load (see chapter "Weights" in section "Technical Specification") are:

- Front: 250 [kPa]
- Rear: 270 [kPa]

If Winter Tires installed in the vehicle have Speed Symbol "S", Maximum speed is 180 km/h.

Pressure Values at Max speed and Max Load (see chapter "Weights" in section "Technical Specification") are:

- Front: 250 [kPa]
- Rear: 260 [kPa]



If Winter Tires installed in the vehicle have Speed Symbol "R", Maximum speed is 170 km/h.
Pressure Values at Max speed and Max Load (see chapter "Weights" in section "Technical Specification") are:

- Front: 240 [kPa]
- Rear: 250 [kPa]

If Winter Tires installed in the vehicle have Speed Symbol "Q", Maximum speed is 160 km/h.
Pressure Values at Max speed and Max Load (see chapter "Weights" in section "Technical Specification") are:

- Front: 240 [kPa]
- Rear: 250 [kPa]



Understanding the Vehicle

Snow Socks

Maserati approved traction devices (snow socks only) may be used to improve traction on compacted snow in heavy snow conditions.

The use of snow socks is specified by local regulations of each country.

The snow socks may be fitted only on rear wheel tires.

NOTE:

- To easily fit the snow socks, it is advisable to lift the vehicle by acting on the car height set-up (for further details, see chapter "Lifter System" in this section).
- While using the snow socks, it is recommended to turn off the ESC.

Check the snow socks tension after driving for a distance of about 50 m (55 yds) with the socks fitted.

With the snow socks fitted, it is advisable to deactivate the ESC system (see chapter "Drive Mode" in section "Driving and Driver Assistance Systems").

Contact the **Service Network** for further information.



CAUTION!

- The use of traditional snow chains is not allowed.
- The use of traditional snow chains may damage the braking system and compromise the security of the vehicle.
- Broken snow socks can cause serious damage. Stop the vehicle immediately if noise occurs that could indicate snow socks breakage. Replace the damaged parts of the snow socks before further use.
- Do not exceed 50 km/h (30 mph).
- Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.
- Avoid holes in the road, do not drive over steps or sidewalks and do not drive on long stretches without snow. This will prevent damage to the vehicle and the roadbed.

Pneumatic Suspension Mode for Wheel Change

The pneumatic suspension system is equipped with a specific mode to be used when vehicle must be lifted to change one or several wheels/tires. This mode temporarily disables pneumatic suspension automatic levelling.

To activate this mode, scroll user settings on MIA and select "Tire Jack Mode" in submenu "Suspension". The tick next to selected item will indicate that this mode is active and system is disabled (see chapter "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls"). After servicing, restore original conditions and eliminate the tick next to selected mode: in this way the pneumatic suspension system will go back to normal operation.

Spare Tire

The limited-use spare tire is for temporary emergency use only. This tire is identified by a label indicating the driving speed limitations to comply with when using the spare tire. Inflate the spare tire to the cold inflation pressure listed on the table "Tire Inflation Pressure" in section "Technical Specifications".

Mounting the spare tire affects vehicle handling. Replace (or repair) as soon as possible the original equipment tire and reinstall it on the vehicle. Do not install more than one spare tire and wheel on the vehicle at a time.


WARNING!

- With these spare tires, do not drive at more than 80 km/h (50 mph). Temporary use spares have limited tread life.
- Never activate ESC OFF Mode if a spare wheel is mounted on the vehicle. Loss of control may occur and this could cause serious injuries or death.

Tire Pressure Monitoring System (TPMS)

The Tire Pressure Monitoring System (TPMS) will warn the driver of a low tire pressure according to the vehicle recommended cold pressure indicated on the table “Tire Inflation Pressure” in section “Technical Specifications” and on the label applied on the rear driver door’s ledge (only for vehicles on the Australian and New Zealand market). Tire pressure should always be set based on cold inflation tire pressure. The cold tire inflation pressure must not exceed the maximum inflation pressure moulded into the tire sidewall. Check “Tires Information” in this section for information on how to properly inflate the tires.

The tire pressure will also increase as the vehicle is driven - this is normal and there is no adjustment required when this occurs.

The TPMS will warn the driver of a low tire pressure if the tire pressure falls below the low-pressure warning limit for any reason, including low temperature effects and natural pressure loss of the tire.

The TPMS will continue to warn the driver of low tire pressure as long as the condition persists and will not turn

off until the tire pressure is equal or above the recommended cold inflation pressure. Once the low tire pressure warning light  illuminates, you must increase the tire pressure to the recommended cold inflation pressure in order for the TPMS light  to turn off. The system will automatically update and the TPMS light  will turn off once the system acquires the correct tire pressure.



The vehicle may need to be driven for up to 20 minutes above 24 km/h (15 mph) in order for the TPMS to acquire and process the updated setting.

For example: If your vehicle (stationary for more than three hours) may have a recommended cold inflation pressure of 2.1 bar. If the ambient temperature is 20°C (68°F) and the measured tire pressure is 1.8 bar, a temperature drop to 7°C (12°F) will decrease the tire pressure to approximately 1.6 bar. This



Understanding the Vehicle

tire pressure is sufficiently low to turn ON the TPMS Light . Driving the vehicle may cause the tire pressure to rise to approximately 1.8 bar, but the TPMS light  will still lit. In this situation, the TPMS light  will turn OFF only after the tires are inflated to the vehicle's recommended cold inflation pressure value.



WARNING!

The TPMS warns the driver that the tire pressure has decreased. This warning does not exempt the driver from periodically checking the tires and from complying with the prescribed tire pressure levels.



CAUTION!

- The TPMS has been optimised for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may occur when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Do not use aftermarket tire sealants or balance beads if your vehicle is equipped with a

TPMS, as damage to the sensors may result.

- The system can temporarily experience radio-electric interference emitted by devices using similar frequencies.
- After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem and damage the TPMS internal sensor.

NOTE:

- Driving on a significantly underinflated tire causes the tire to overheat and may lead to tire failure. Under-inflation also reduces power efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.
- The TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure using an accurate tire pressure gauge, even if under-inflation has not reached the level to trigger illumination of the TPMS light .
- Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.

Premium System

The TPMS system uses wireless technology with wheel rim mounted electronic sensors to monitor tire

pressure levels. Sensors mounted to each wheel as part of the valve stem transmit tire pressure readings to the receiver module.

The TPMS consists of the following components:

- receiver module;
- four TPMS sensors;
- various TPMS messages, which display on the instrument cluster;
- warning light .

Tire Pressure Low Warning

The TPMS light  will illuminate in the instrument cluster and an acoustic signal will notify that tire pressure is low in one or more of the four tires.

The instrument cluster will also display a widget in the left area reporting the pressure values of each tire with flashing low pressure value. It is possible to display the current tire pressure also on the MIA screen, by accessing the "Tire Pressure" menu (see "Functions of My Car Menu on MIA" in section "Dashboard Instruments and Controls")



Should this occur, you should stop as soon as possible and inflate the tire/s with the low pressure (the one/s flashing in the instrument cluster graphic) to the recommended cold pressure inflation value. Once the system receives the updated tire pressure value, the system will automatically update, the graphic display in the instrument cluster will stop flashing, and the TPMS light (⚠) will turn off. The vehicle may need to be driven for up to 20 minutes at a speed between 24 km/h (15 mph) and 130 km/h (80 mph) in order for the TPMS to acquire and process the updated information. In case of replacement of wheel rims and/or the relative valve with TPMS sensor, or if the wheel arrangement is changed, when reusing the vehicle it may be necessary to wait 20 minutes for the TPMS to acquire and process the new components and/or the new configuration.

Tire Pressure System Fault

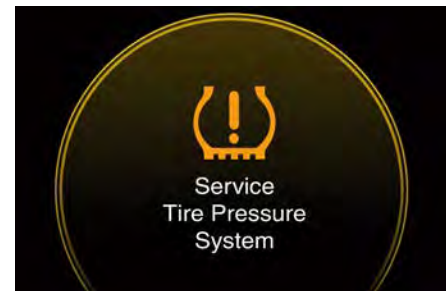
If a system fault is detected, the TPMS light (⚠) will flash for 75 seconds and then remain lit followed by a beeping sound. Therewith, the instrument cluster will display a "Service Tire Pressure System" message for a minimum of five seconds and then display dashes (--) in place of the pressure value to indicate which sensor is ineffective.

If the ignition device is cycled, the sequence will repeat, in case the system fault still persists. If the system fault no longer exists, the TPMS light (⚠) will no longer flash, and the "Service Tire Pressure System" message will no longer display, and a pressure value will display in place of the dashes. A system fault can occur due to any of the following:

- Signal interference due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPMS sensors.
- Installing aftermarket window tinting that contains materials that may block radio wave signals.
- Accumulation of snow or ice around the wheels or wheel housings.
- Using tire socks on the vehicle.
- Using wheels/tires not endowed with TPMS sensors.

The instrument cluster will also display a "Service Tire Pressure System" message

for a minimum of five seconds when a system fault related to an incorrect sensor location fault is detected. In this case, the "Service Tire Pressure System" message is then followed by a graphic display with pressure values still shown. This indicates that the pressure values are still being received from the TPMS sensors but they may not be located in the correct vehicle position. The system still needs to be serviced as long as the "Service Tire Pressure System" message is displayed.



Vehicles with Spare Tire

The spare tire does not have a TPMS sensor. Therefore, the TPMS will not monitor the pressure of the spare tire. If you replace a pneumatic having pressure below the low-pressure warning limit, with the spare tire, on the next ignition device cycle, the TPMS light (⚠) will illuminate followed by a beeping sound. In addition, the graphic



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in the instrument cluster will still display a flashing pressure value corresponding to the tire position.

After driving the vehicle for up to 20 minutes above 24 km/h (15 mph), the TPMS light  will flash for 75 seconds and then remain lit. The instrument cluster will then display a "Service Tire Pressure System" message for a minimum of five seconds and then display dashes (--) in place of the pressure value.

Each subsequent ignition device cycle will be followed by a beeping sound, the TPMS light  will flash for 75 seconds and then remain lit. The instrument cluster will then display a "Service Tire Pressure System" message for a minimum of five seconds and subsequently displays dashes (--) in place of the pressure value.

Once you repair, replace or reinstall a tire with the spare tire, the TPMS will update automatically. The TPMS light  will turn OFF and the graphic in the instrument cluster will display a new pressure value instead of dashes (--), as long as no tire pressure is below the low-pressure warning limit in any of the four tires. The vehicle may need to be driven for up to 20 minutes above 24 km/h (15 mph) in order for the TPMS

to acquire and process the updated information.

TPMS Deactivation

The TPMS can be deactivated if replacing all four tire rims with wheel and tire assemblies not using of TPMS sensors, such as winter wheel and tire assemblies. After replacing all four wheel and tire assemblies (road tires) with tires not endowed with Tire Pressure Monitoring System sensors, drive the vehicle for 20 minutes above 24 km/h (15 mph). The TPMS will chime, the TPMS light  will flash on and off for 75 seconds and then remain on and the instrument cluster will display the "Service Tire Pressure System" message and then display dashes (--) in place of the pressure values. Beginning with the next ignition device cycle, the TPMS will no longer chime or display the "Service Tire Pressure System" message in the instrument cluster but dashes (--) will remain in place of the pressure values. To reactivate the TPMS, replace all four wheel and tire assemblies (road tires) with tires endowed with TPMS sensors. Then, drive the vehicle for up to 20 minutes above 24 km/h (15 mph). The TPMS will chime, the TPMS light  will flash for 75 seconds and then turn off. The instrument cluster will then display

the "Service Tire Pressure System" message.

The instrument cluster will also display pressure values in place of the dashes (-). On the next ignition device cycle the "Service Tire Pressure System" message will no longer be displayed as long as no system fault exists.

Radio Frequency Transmitter - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

Brake and Stability Control Systems

The vehicle is equipped with an Electronic Stability Control (ESC) system, which helps to maintain directional control in the event of loss of grip of the tires. The system is able to detect potentially dangerous situations for the stability of the vehicle and automatically sets the brakes on all four wheels in a differentiated manner, in order to provide a torque settlement of the vehicle.

ESC includes the following subsystems:

- ABS (Anti-lock Braking System);
- EBD (Electronic Brake-force Distribution);
- TCS (Traction Control System);
- BAS (Brake Assist System);
- BTO (Brake Throttle Override);
- HSA (Hill Start Assist).
- ROM (Roll-Over Mitigation);
- AVH (Auto Vehicle Hold)



WARNING!

- **These systems cannot prevent the natural laws of physics from affecting the vehicle, nor can they increase traction, braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires.**

- **These systems cannot prevent collisions, including those resulting from excessive speed in turns, following another vehicle too closely, or aquaplaning.**
- **The capabilities of a vehicle equipped with these systems must never be exploited in a reckless or dangerous manner that could jeopardise the driver's and the passenger's safety or the safety of others.**

Electronic Stability Control (ESC)

This system enhances directional control and stability of the vehicle under various driving conditions. The ESC corrects over steering and under steering of the vehicle by applying the brake to the appropriate wheel.

Electric motors power may also be reduced to assist in counteracting the conditions of instability and maintain the right direction. The system is also able to reduce the electric motors power.

Through sensors fitted on the vehicle, the ESC system detects the driver's chosen direction comparing it to the one maintained while running. In case of discrepancy between the required trajectory and the current one, the ESC system brakes the appropriate wheel to counteract over or under steering.

- Oversteer - when the vehicle is turning more than appropriate for the steering wheel position.
- Understeer - when the vehicle is turning less than appropriate for the steering wheel position.

The ESC system has two available operating modes:

ESC ON

This is the normal ESC operating mode. At each start-up of the vehicle, the ESC system is set in this mode and should be used for most driving conditions. The ESC should only be turned off for specific reasons as pointed out in the following paragraphs.

ESC OFF

The "ESC OFF" mode is aimed for a more spirited driving experience. The current mode disables all the ESC functionalities; in special cases (heavy ABS braking) the ESC system will still work even not engaging the ESC OFF mode. The ESC OFF soft-key is located on the bottom bar of the Comfort Display; to reactivate the system, push the soft-key.



WARNING!

In **SPORT** and **CORSA** mode the ESC control thresholds are higher for maximum performance on dry road surface. To ensure maximum security of the ESC is recommended not to activate **SPORT** and **CORSA** mode on surfaces with medium- and low-grip (e.g., wet, snow, dirt, etc..) with ESC system active.

Anti-Lock Braking System (ABS) and Electronic Brake-force Distribution (EBD)

The Anti-Lock Braking System (ABS) provides increased vehicle stability and brake performance under most braking conditions. The system automatically “pumps” the brakes during severe braking to prevent wheel lock-up. The Electronic Brake-force Distribution (EBD) prevents the rear wheels from over-braking and provides greater control of available braking forces applied to the rear axle.



WARNING!

The ABS helps prevent the wheels from locking, but it does not increase the physical grip limits between the tires and the road. Therefore, always keep a safe distance from the vehicle in front of yours and reduce your speed when entering a curve.

NOTE:

At key-on you may hear a slight clicking sound as well as other motor noises.

The system is performing a self-check cycle to ensure that the ABS is working properly.

ABS is activated during braking under certain road or stopping conditions. ABS-inducing conditions can include ice, snow, gravel, bumps, railroad tracks, loose debris.

You may also experience the following when the brake system goes into Anti-Lock:

- The ABS motor running (it may continue to run for a short time after the vehicle stops).
- The clicking sound of solenoid valves.
- Brake pedal pulsations.
- A slight drop or fall away of the brake pedal at the end of the stop. These are all normal characteristics of ABS functioning.



WARNING!

- The ABS contains sophisticated electronic equipment that may be susceptible to interference caused by improperly-installed or high-output radio transmitting equipment. This interference can cause possible loss of anti-lock braking capability. Installation of such equipment should be performed by qualified Maserati personnel.
- Pumping the Anti-Lock Brakes will diminish their effectiveness and may lead to a collision. Pumping brakes makes the stopping distance longer. Just press firmly on your brake pedal when you need to slow down or stop.
- The ABS installed to this vehicle does not control trailer braking system. Pay utmost attention when driving on slippery ground since the trailer traction might get poorer and driver might lose control of the vehicle.
- Do not modify the vehicle braking system to control the trailer brakes. The hydraulic system controlling vehicle braking must remain independent from trailer braking system.

Traction Control System (TCS)

The current device is an integral part of the ESC system. It operates automatically by reducing the power transmitted by the electric motors in case of slipping, loss of grip on wet floor (aquaplaning), acceleration on slippery snow-covered or frozen surfaces, etc.

Activating under slip conditions different control systems:

- if slippage affects both drive wheels, it reduces the power transmitted by the electric motors;
- if slippage only affects one drive wheel, it reduces the power transmitted by the electric motors and automatically brakes the slipping wheel.

Brake Assist System (BAS)

This system completes the ABS system by optimising the vehicle braking capacity during emergency brake manoeuvres. The system detects an emergency braking situation by sensing the rate and amount of brake application and then applies optimum pressure to the brakes to help reduce braking distances.

The quick brake coupling is optimal for BAS performances. To fully exploit the system, apply continuous brake pedal pressure during the entire vehicle stop sequence. Do not reduce brake pedal pressure earlier than required. Once

the brake pedal is released, the BAS is deactivated.

Brake Throttle Override (BTO)

To complete the range of systems that assist braking, the vehicle is equipped with BTO, which is designed to stop the vehicle even when it is being accelerated. If the brake pedal is depressed together with the accelerator, the system does not consider as “conflict” the sequence “brake-first-then-accelerator” of pedal application and it may not engage the BTO. When the system recognizes that the accelerator pedal is stuck pressed and the sequence “accelerator-first then- brake-pressed” (this sequence is recognized as a “conflict”), the electric motors power will be automatically reduced and, if the driver continues to depress the accelerator, the system can make the vehicle to come to a complete stop.

Additionally, if the brake pedal is released when the accelerator is still stuck pressed, the corresponding electric motor torque increase gradually to a safe value. During this event, the ETC light indicator may be illuminated. The system exits from this strategy when the accelerator pedal is completely unstuck.

Hill Start Assist (HSA)

The HSA system is designed to assist the driver when starting a vehicle uphill. HSA will maintain the level of brake pressure applied for a short period of time also after releasing the brake pedal. If the driver does not apply the throttle during this short period of time, the system will release brake pressure and the vehicle will start sloping down. The system will release brake pressure proportionally to the amount of throttle/torque applied as the vehicle starts to move in the chosen direction.

HSA Activation Criteria

The following criteria must be met in order for HSA to activate:

- vehicle is stationary.
- gear selection matches vehicle uphill direction (i.e., vehicle facing uphill is in forward gear; vehicle backing uphill is in reverse gear).

HSA will work in R (Reverse) and all forward gears when the activation criteria have been met.

The system will not activate if the transmission is placed in N (Neutral) or P (Park).

Roll-Over Mitigation (ROM)

This system anticipates the potential for wheel lift by monitoring the driver's steering wheel input and the speed of



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the vehicle. When ROM determines that the rate of change of the steering wheel angle and vehicle's speed are sufficient to potentially cause wheel lift, it then applies the appropriate brake and may also reduce electric motors power to lessen the chance that wheel lift will occur.

ROM will only intervene during very severe or evasive driving manoeuvres. ROM can only reduce the chance of wheel lift occurring during severe or evasive driving manoeuvres. It cannot prevent wheel lift due to other factors, such as road and off-road conditions, leaving the roadway, or striking objects or other vehicles.



WARNING!

Many factors, such as vehicle loading, road and off-road conditions, and driving conditions, influence the chance that wheel lift or rollover may occur. ROM cannot prevent all wheel lift or roll-overs, especially those that involve leaving the roadway or striking objects or other vehicles. The capabilities of a ROM-equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

Auto Vehicle Hold (AVH)

The Auto Vehicle Hold function is an extension of the hill holder function that offers more convenience and extra safety and it works only with the seatbelt buckled.

Operated via the ABS/ESC hydraulic unit, it stops the vehicle from rolling away accidentally when standing still or setting off. When you brake your car to a standstill position with a fast brake pedal pressure, Auto Vehicle Hold retains the last-applied braking pressure. AVH can be activated also when brake is not pressed in specific rollback scenario and during ACC Stop&Go.

Releasing the brake, all four-wheel brakes will stay on. If the ABS wheel speed sensors detect any rolling, braking force is automatically increased until the car comes to a standstill again. The vehicle will be held in standstill for up to 10 minutes by hydraulic braking after which time the electric park brake will engage and continue to hold the vehicle in standstill.

As soon as you press the accelerator, Auto Vehicle Hold reduces the braking pressure.

Anti-theft Alarm Systems

Electric Motors Immobilizer System

The Immobilizer System (Sentry Key®) prevents unauthorised vehicle operation by disabling the electric motors. The system does not need to be armed or activated. Operation is automatic, regardless of whether the vehicle is locked or unlocked.

The system uses a key fob with Remote Keyless Entry (RKE) transmitter, an ignition device and a RF (Radio Frequency) receiver to prevent unauthorised vehicle operation. Therefore, only key fobs expressly programmed can be used to start and operate the vehicle.

NOTE:

- Technical changes to the vehicle unannounced by the manufacturer may render the information in this manual unusable.
- Any modification or alteration applied to the VAS-Immo system could impair on the vehicle safety and could invalidate the type approval.

When the ignition device is set to **ON** position, Electric Motors Immobilizer system identifies the code transmitted by the key fob. If the code is recognized

as valid, the Electric Motors Immobilizer system enables electric motors starting. When the ignition device is brought back to **STOP** position, the Electric Motors Immobilizer system deactivates the control module controlling the electric motors, thus preventing its starting.

If, during starting, the key code is not correctly recognized, the  warning light is displayed on the instrument cluster (see "Warning and Indicator Lights" in section "Dashboard Instruments and Controls").

This condition leads to the electric motors switching off after 2 seconds. In this case, bring the ignition device to **STOP** and then to **ON**.

If it is still not possible to start the electric motors, contact the **Service Network**.

If the  warning light is displayed while driving, this means that the system is running a self-diagnosis (e.g. due to a voltage drop). If the display persists, contact the **Service Network**.



CAUTION!

- Do not tamper with the Electric Motors Immobilizer system. Any modifications/alterations could cause the protection function to be deactivated.
- The Electric Motors Immobilizer system is not compatible with some remote starting systems that can be installed in aftermarket. Use of these systems may result in vehicle starting problems and loss of security protection.

All key fobs provided with the new vehicle have been updated with the vehicle electronics and are therefore able to provide correct functioning and protection.

Radio Frequency RKE Transmitter - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

Replacement Key fobs

NOTE:

Only key fobs that are updated with the vehicle electronics can be used to start and operate the vehicle.



WARNING!

- Always remove the key fobs from the vehicle and lock all doors when leaving the vehicle unattended.
- Always remember to cycle the ignition device to **STOP** position.

Duplication of key fobs may be performed by the **Service Network** only. This procedure consists of programming a key fob that has never been programmed to the vehicle's electronics.

NOTE:

When having the Immobilizer System serviced, bring all key fobs provided with the vehicle with you to the **Maserati Service Centre**.

When selling the vehicle, it is necessary to provide the new owner with all key fobs and the wearable activity key.

Alarm Systems

The basic alarm system (perimeter) uses the horn as an acoustic signal and is triggered in the following cases:

- Forced opening of vehicle access doors.
- Forced opening of front hood.
- Forced opening of rear hood.
- Fraudulent attempt to start the vehicle.

The advanced alarm system (, perimeter, anti-lift, and volumetric) uses



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a siren as an acoustic signal and is triggered in the following cases:

- Forced opening of vehicle access doors.
- Forced opening of front hood.
- Forced opening of rear hood.
- Fraudulent attempt to start the vehicle.
- Alarm siren not communicating correctly with the vehicle.
- Cutting/disconnection of 12V battery wiring.
- Ultrasonic sensor detecting a break-in (broken car windows).
- Lifting of the vehicle.
- Volumetric sensor detecting an intrusion (broken vehicle windows, movement inside the vehicle).
- Fraudulent attempt to disarm the alarm siren and ultrasonic sensor.

While the vehicle security alarm is enabled, doors and hoods locks switches release are disabled.

If something triggers the alarm, the vehicle security alarm light will provide the following audible and visible signals: intermittent buzzer, position lights and/or turn signals and the vehicle security alarm light on the dashboard will flash.

This light will fast flash when the vehicle security alarm is being armed, and will then flash slowly until the vehicle is moved or disarmed.



NOTE:

- The alarm system is adapted to meet requirements in various countries.
- To ensure the correct operation of the anti-theft protection, completely close the windows.
- Technical changes to the vehicle unannounced by the manufacturer may render the information in this manual unusable.
- Any modification or alteration applied to the VAS-Immo system could impair on the vehicle safety and could invalidate the type approval.

Rearming the System

If something triggers the security alarm light, and no quick action is taken to disarm it, the vehicle security alarm will turn off the beeper after 29 seconds, and turn off all of the visual signals after 31 more seconds; the vehicle security alarm will then rearm itself.

Arming the System

Follow these steps to arm the vehicle security alarm.

1. Make sure the vehicle ignition device is in **STOP**.
2. If any door is open, close it. Perform one of the following methods to lock the vehicle:
 - Move away from the vehicle with the key fob above 1 m (3.3 ft) (see chapter "Passive Entry System" in section "Before Driving").
 - Press the  lock button on the key fob RKE transmitter.



In any of these situations, if one or more windows are open, they will remain open. To close the windows press again the  lock button and hold it until their closure.

NOTE:

For GranCabrio, the closing of the front windows is permitted only if the rear windows are completely closed.

When arming the alarm system in any of the described ways, the boot lid will remain open if it was left open. In this condition, it will be necessary to first close the boot lid (see chapter "Open and Close the Boot Lid" in section "Before Driving") and repeat the arming operation, to be able to arm the alarm system.

Only for GranTurismo, push the button - located on the right side of the outer edge of the boot lid and indicated in the figure - that can be used to completely close and lock the boot lid and arm the alarm system if all the doors are closed. For further information, see chapter "Open and Close the Boot Lid" in section "Before Driving".



GranTurismo

Each time the vehicle security alarm is armed, the anti-intrusion and anti-lift sensors actively monitor the vehicle. When arming the security alarm, it is possible to disable these sensors by pressing the  button on the key fob 4 times within 5 seconds from the moment the system has been armed (meanwhile the security alarm light flashes).

To disarm the System

Use any of the following steps to disarm the vehicle security alarm.

- Press the  button on key fob.
- Open the door pressing the "Passive Entry" handle button (see chapter "Passive Entry System" in section "Before Driving").
- Press the **START/STOP** button so as to release the **STOP** position.

NOTE:

- When the vehicle security alarm is armed, the interior power door lock switch will not allow to unlock the doors.
- The use of the emergency key into the driver door lock and the use of the button  on the key fob cannot arm or disarm the security alarm of the vehicle.
- The vehicle security alarm remains engaged while accessing the power boot lid/Hands free. Pressing the button between the licence plate lights will not disarm the vehicle security alarm. If anyone enters the vehicle through the boot lid and opens a door, the alarm will trigger.

The vehicle security alarm is designed to protect your vehicle; however, you can create conditions where the system will give you a false alarm. If one of the previously described arming sequences has occurred, the vehicle security alarm will arm regardless of whether you are in the vehicle or not. If you remain in the vehicle and open a door, the alarm will activate. If this occurs, disarm the vehicle security alarm.

If the vehicle security alarm is armed and the battery becomes disconnected, the vehicle security alarm will remain



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armed when the battery is reconnected; the exterior lights will flash, the buzzer will activate. If this occurs, disarm the vehicle security alarm.

NOTE:

- Technical changes to the vehicle unannounced by the manufacturer may render the information in this manual unusable.
- Any modification or alteration applied to the VAS system could impair on the vehicle safety and could invalidate the type approval.

Stolen Vehicle Tracker (SVT) (Valid for UK market only)

Stolen Vehicle Tracker (SVT) is a satellite anti-theft system, consisting of an additional control unit mounted on the vehicle and 2 Driver Cards. The SVT service allows the geolocation of the car when an alarm signal is sent to the Security Operations Centre.

NOTE:

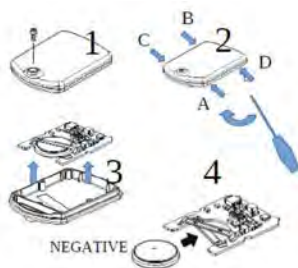
- The Driver Cards are provided to activate/deactivate automatically the system when the driver leaves/approaches to the car, for this reason is recommended to always keep one with you. At key ON the Driver Card must be in the vehicle, if not, the Security Operations Centre will receive an alarm signal and will

verify that the car has been started by the authorized person. The Security Operations Centre will also activate in the event that, with the vehicle running, a removal of the Driver Card is registered.

- The Security Operations Centre does not contact the Police, except after contacting the owner of the car.

When the Driver Card battery has a low charge level or is dead, it is recommended to replace it.

- Unscrew the casing and open it carefully following the sequence shown in picture;
- Replace the battery observing the correct polarity;



- Re-assemble the Driver Card applying pressure and re-tightening the screw.



ENVIRONMENTAL!

Batteries contain dangerous materials that could harm the environment. Please dispose of them according to local regulations or at the Service Network.



WARNING!

- Do not ingest battery, chemical burn hazard. This product contains a coin/button cell battery. If the coin/button is swallowed, it can be cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Radio Frequency RKE Transmitter - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

External Lighting

External Lights Equipment

The vehicle is equipped with lighting systems and functions; some of these are completely automatic, other can be switched on and off via the light menu on the Comfort Display and the multifunction lever on the dashboard, or via "Settings" menu of "Vehicle" page on MIA.

This chapter only describes systems that may or may not be installed because of the various options available.

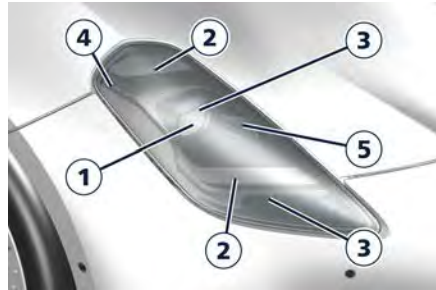
For switching the external lights on and off via the light menu on the Comfort Display and the multifunction lever behind the steering wheel, refer to the chapter "External Light Controls" in section "Dashboard Instruments and Controls".

External Lights Cluster

The lights of the front clusters are arranged as follows:

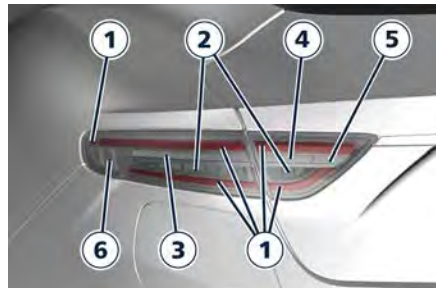
Full-LED Version

- 1 Low-beam light LED.
- 2 Position, DRL and turn signal light LED.
- 3 Matrix High-beam LED.
- 4 Side-marker LED.
- 5 Static Bending Light LED.



The lights of the rear clusters are arranged as follows:

- 1 Position light / Side marker LED.
- 2 Stop light LED.
- 3 Turn signal LED.
- 4 Reverse light LED.
- 5 Rear fog light LED.
- 6 Side reflex-reflector.



The side air vents illuminate when the vehicle is at a standstill according to the vehicle sound.



Integrated External Rear-View Mirror Lights

LED turn signals are integrated on the support of the external rear-view mirrors.



The LED turn signal indicators flash simultaneously with the corresponding turn signal lights in the front and rear of the vehicle. Turning on the hazard warning lights will also activate these LEDs.

All external mirrors are equipped with approach and courtesy LEDs, lighting



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up when the vehicle entry/exit lights are activated. For further information, see chapter "Illuminated Entry/Exit" in this section.

SmartBeam™ System

The SmartBeam™ system provides increased forward lighting for a more comfortable and secure driving experience without glaring other vehicles in several traffic situations.

The SmartBeam™ system uses a forward facing digital camera, located on the windshield above the internal rear-view mirror, and an electronic headlights controller in order to dynamically adapt the front light distribution according to the traffic scenario.

The digital camera works like a human eye, it is able to see which is the traffic context while the headlight electronic controller works like a human brain, using information from the camera to command a headlight reaction that gives to the driver the "best" light distribution (best is always in reference to the specific traffic environment).

The camera gives information to the electronic headlight controller about environmental brightness, traffic participants vehicle and obstacles lights, distances and velocities. Using a proper combination of all these data the smart beam system is able to dynamically

modify the light shape produced by the dipped beam and by the full beam as well, to make the driver visibility as much comfortable as possible in every condition without glaring other traffic participants.

System Limitations

There are some cases in which the SmartBeam™ system could not properly work temporarily causing glaring for other vehicles especially with "Auto Dim High Beams" function activated on MIA "Settings" page (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls"). These cases could be related to:

- Vehicles headlight and/or rear light (one or both of them) not visible in the field of view of the camera.
- Heavy rainy weather.
- Heavy foggy weather.
- Snowing weather.
- Windshield dirt or impurities in camera lens zone.
- Camera lens obstruction or logging.

In all these cases, it will be driver's responsibility to avoid this glaring by acting manually on the system, switching off the high beam by means of steering wheel multifunction lever.

Adaptive "Full-LED" Headlight

The Adaptive Front-lighting System actively adjusts the lights depth. The shape of the light beam according to the driving conditions combines excellent visibility of the road with minimum glare for the vehicles travelling in the opposite direction.

"Full-LED" Technology

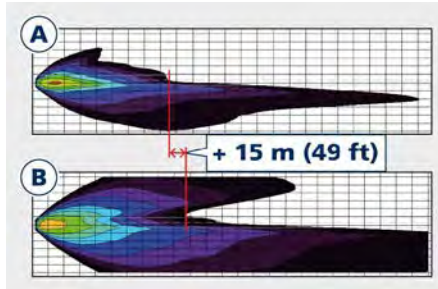
This technology allows having headlights with a simpler construction and a more compact size.

Other advantages are:

- a clearer light beam, with a cool white tone that allows a better perception of the contrasts thus making the night vision more efficient and less tiring;
- a longer duration equivalent at least to that of the vehicle;
- a reduced current consumption.

These functions positively affect some vehicle management economy aspects by eliminating/reducing the power consumption.

The picture shows the increased brightness of the low beam of standard halogen headlights **(A)** compared to those Full-LED **(B)** in the "motorway beam" mode.



AFS Functions

These headlights combine the “Full-LED” technology to the AFS (Advanced Frontlighting System) adaptive functions.

The system is able to process signals of onboard systems and subsequently start up four strategic steps in the following situations:

- “motorway beam” that improves low beam performance exceeding 110 km/h (68 mph);
- “base beam” from 50 km/h (31 mph) to 110 km/h (68 mph);
- “town beam” that increases beam spread from 0 km/h to 50 km/h (31 mph);
- “adverse weather beam” that reduces glare on wet roads;

A fifth strategic step is the “tourist beam” that can be manually activated for example in countries with circulation on the opposite side; in this case,

the function “Headlight Dip” must be activated via the menu of MIA (refer to “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls” for more details).

The advantages offered by the AFS system are perceived especially in case of bad weather, fog and/or insufficient road indications providing broader illumination of the side zones, which are normally left in the dark, and for motorway driving.

This surely increases driving safety as it offers less eye stress and increased orientation for the driver and better detection of other persons on the road sides (pedestrians, bicycle riders and motorcycle drivers). Furthermore, the headlamps are suitable to prevent glare to the other vehicles, providing optimal lighting when driving the car in a country with circulation on the opposite side.

The system assures better visibility of the road surface when driving in a curve, steering, or in the event of road deviations, optimising vertical light distribution according to the current drive path.

The increased lateral illumination is gained through a fixed bending light elaborating information about the steering angle, the vehicle speed and the turn indicator.

The improved vertical illumination, in case of fast acceleration and/or fast deceleration, will assure the deeper illuminated distance from the vehicle, through a dynamical adaptation of headlight vertical attitude.

NOTE:

- Each time the headlight system is turned on, the headlights adjustment will perform a self-adjustment cycle.
- “Adaptive Front Lights” function can be turned on or off using the MIA system, refer to “Functions of Settings Menu on MIA” in section “Dashboard Instrument and Controls” for further information.

AFS System Failure

In the event of AFS system unavailable, the related warning light and message will light up on the cluster display. Take your vehicle to the nearest Centre of the **Service Network** as soon as possible to check the system.





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Automatic High Beam

The Automatic High Beam headlight control system provides increased forward lighting at night by automating high beam control through the use of the forward-facing digital camera located above the rear-view mirror, which is the same one used for example by the Active Lane Management - ALM system on vehicles with ADAS systems.

This camera detects the environmental luminosity, the headlamps of oncoming vehicles and the tail lamps of proceeding vehicles in the front area.

In these cases system automatically switches from high beams to low beams until the approaching vehicle is out of view.

Furthermore, using the maps, together with the camera, the system is able to detect the urban areas and the inhabited centres and to turn off the high beams when driving near of one of them.

The system will be active once passed the speed of 35 km/h (21.7 mph). The properly working for this system (if all the other conditions are met) is ensured between 25 km/h (15.5 mph) and 250 km/h (155 mph).

Activation Mode

To activate Automatic High Beam function:

- Activate the "AUTO" button in the Light menu on the Comfort Display.
- Touch the "Vehicle" soft-key on the main category bar of the MIA display and open the "Settings" menu.
- Choose the "Auto Dim High Beams" function in the "Lights" submenu and insert the check mark in the box to turn on the function.
- To turn off the function delete the check mark in the box.
- Shift the multifunction lever onward



NOTE:

All the previous steps must be performed with the ignition device in **ON** position

After these steps, the white indicator on the left side of the cluster display comes on.



Once the high beams are physically on, the blue indicator on the left side of the cluster display comes on.



NOTE:

- The function is enabled only if the brightness sensor detects the right lighting conditions and then switch to low beam on.
- Broken, muddy, or obstructed headlights and taillights of vehicles in the field of view will cause headlights to remain on longer (closer to the vehicle). Also, dirt, film, and other obstructions on the windshield or camera lens will cause the system to function improperly.

High Beam with "Glare Free" Function

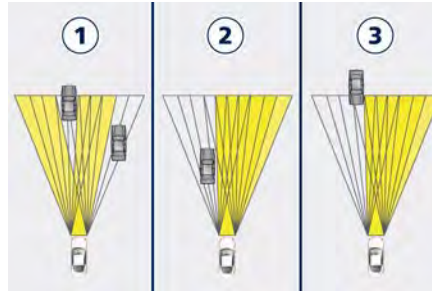
The "Glare Free" function assists the driver during travelling on an off-city road with not sufficient environmental illumination allowing the high beam

use also with other traffic participants without glaring disturbance.

The no glaring effect is obtained through matrixes of LED that are dynamically switched on and off in order to create a shadow zone in correspondence of each other traffic participants lights (motor vehicles and bicycles, as well), according to the information about other vehicles' lights coming from the forward-facing digital camera located on the windshield, above the internal rear-view mirror.

The no glaring system is a multi-shadow system, since it's able to create up to four dark tunnels simultaneously, each tunnel zone is as large as the obstacle that should not be glared.

The figure represents an example of the car that is travelling in the following scenarios:



- 1 two vehicles ahead in the same direction;
- 2 another vehicle that is overtaking;
- 3 another vehicle proceeding in the opposite direction.

The system is able to detect and react to an oncoming vehicle starting from a distance of about 400 m (437 yd), within a second. Instead, in case of the preceding vehicles, the system is able to detect and react in a second starting from a distance of about 100 m (109 yd).

Activation Mode

The digital camera is the same used for the automatic high beam, and like automatic high beam also for "Glare Free" function it needs to be activated by MIA "Settings" menu of "Vehicle" page, insert the check mark on the box of the "Auto Dim High Beams" function (see chapter "Functions of Settings

Menu on MIA" in section "Dashboard Instruments and Controls").

The "Glare Free" function will be engaged only if the electric motors are running.

The "Glare Free" function will work only if the vehicle speed is equal or greater than 35 km/h (21.7 mph) in the engagement phase of the function. Once the system will be active, there will be two indicators on the instrument cluster, showed at the same time: one blue and one green.

The green indicator indicates that the position lights are on; the blue indicator indicates that all or only some high beam LEDs are physically on in that moment. When instead there is the needing to switch off the whole high beam module to obtain the no glaring effect, on the instrument cluster there will be the green position lights indicator and the auto high beam indicators in white.

When the scenario allows the partial or full use of high beam with no glaring disturbance, the blue indicator will appear again.



Understanding the Vehicle



NOTE:

- Some unpredictable conditions, such as dirt, dust, film or any other obstruction on camera lens zone events could affect “Glare Free” function making it working improperly.
- Heavy rainy and foggy weather could affect system performance, leaving the full beam switched on for longer time than the nominal working condition. This could cause a glaring disturbance for other vehicles, to avoid this the driver has to switch off the high beam manually.
- In phase of disengagement of the function, the minimum operating speed is 25 km/h (15.5 mph).
- “Glare Free” function proper operation is guaranteed if vehicle speed is less than, or at least equal to 250 km/h (155 mph).

Automatic High Beams/Glare Free High Beams Failure

In the event of a failure on high beam system (Automatic or Glare Free equipped, as well), the related amber warning light will light up on the cluster display.

Take your vehicle to the nearest Centre of the **Service Network** as soon as possible avoiding to use this system.

Interior Lighting

The interior and external approach lights turn on and off when entering/exiting the vehicle (see “Illuminated Entry/Exit” in this section for further information).

Dome Lights

The dome lights integrated into the front dome console, include two reading lights.

The reading lights automatically turns on when one of the doors is opened and turns off when the door is closed (timed switching off).

The reading lights are controlled by the respective side buttons.

If they are turned on by pressing the button, they will stay on for about 10 minutes after turning the electric motors off, and will then turn off gradually.



If one or more doors are opened, the front dome lights will turn on

for 27 seconds. If the door is closed before this time, the lights will dim and subsequently switch off after about 3 seconds.

NOTE:

The dome lights will also turn on by pressing the or button for centralized doors unlock and lock on the key fob. See “Illuminated Entry/Exit” in this section for further information.

In the event of a collision causing automatic interruption of power supply, the dome lights switch on automatically and remain lit for approx. 15 minutes.

Button to Switch on Passenger Compartment Lights

In addition to specific switches to turn on and off the dome lights as previously described, on the front console there is a button that allows to turn on all these lights.



The lighting of all the compartment lights when opening the doors can also be inhibited by pushing the indicated button.



Illuminated Entry/Exit

Lights will turn on and off when you enter/exit the vehicle and operate the buttons on the key fob and/or on the “Passive Entry” system as follows:



NOTE:

To protect the battery, the interior lights will turn off automatically 10 minutes after the ignition device has been shifted to **STOP**.



Understanding the Vehicle

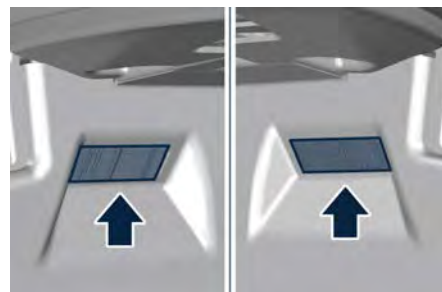
- If the unlock command is enabled by pressing the specific  button on the key fob or by the “Passive Entry” system, the “illuminated entry” mode will activate. Courtesy & dimmable internal lighting, night front seats lighting, and approach lighting will stay on for a set time (see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls” for further information) (examples in pictures).



- If the lock command of the car is enabled by pressing the specific  button on the key fob or by the “Passive Entry” system, all the lights will turn off within 3 seconds, if they were previously on and all conditions are met.



- After activating the boot lid opening command in the possible modes (see “Open and Close the Boot Lid” in section “Before Driving”), the inner boot and boot lid lights will turn on and will stay on for 10 minutes before turning off. The lights will immediately turn off if you lock the boot lid before 10 minutes.



NOTE:

If boot lid is left open for a long time, lights will turn off after 30 minutes to save battery charge.

- If the  light button is pressed on the key fob, the courtesy & dimmable lights and the approach lights will turn on; doors will stay locked.



Vehicle Lighting with Open/Closed Doors

- If one or more doors are open, the central lights, the instrument cluster, the MIA display, the Comfort Display and all other backlight will turn on and will light up for 30 seconds.
- If the doors are closed, all lights will turn off (within 3 seconds) with the exception of the console display and the ignition device backlighting, which will turn off after 27 seconds.

Courtesy Light with Logo

If equipped, a courtesy light with the Maserati logo can be provided on the bottom of the front doors. The illuminated logo will remain on until the door is closed.

NOTE:

The **Maserati Service Network** can provide you with any information about the Maserati approved “Courtesy Light with Logo”, available in the “Genuine Accessories” range.

Use of Light Switch for Vehicle Lighting

Vehicle lighting can be operated from the key fob, the “Passive Entry” system and from the lights menu on the Comfort Display. Refer to “External Light Controls” in section “Dashboard Instruments and Controls” where it is indicated which external lights turn on according to the soft-key selection.



Ambient Lights and Backlight Adjustment

The ambient light and the backlight of the controls and instruments does not depend on the selection of the soft-key on the Comfort Display but on the detection of the ambient brightness made by the RLS solar sensor.

The ambient lighting is adjustable in the same condition which is possible to adjust the backlighting. Enter Ambient menu on the Comfort Display.



Headlight Levelling

A correct headlight levelling is crucial for the safety of the vehicle's occupants and of people in the street.

Moreover it is included in the road regulation law.

In order to obtain the best visibility conditions while driving with headlights on, the headlight beam must be properly levelled, under any vehicle load condition.

The vehicle is equipped with a system that automatically adjusts headlight levelling according to vehicle load conditions.

Internal Equipment

Electric Power Outlets

The vehicle is equipped with two 12 Volt (13 Amp) electric power outlets, one inside the rear central tunnel compartment and one fitted in the boot. All power outlets are supplied only when the electric motors are started or the ignition device is set to **ON**.

Power outlets are protected by a fuse. Insert an accessory plug into the power outlets to ensure proper operation. Otherwise, check the matching fuse integrity, see "If a Fuse Blows" in section "In an Emergency" for further information.



CAUTION!

- Do not plug in accessories that exceed the maximum power of 160 Watts (13 Amps) at 12 Volts.
- Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlets as this will damage the outlet and blow the fuse. Damages caused by improper use of the power outlet are not covered by the New Vehicle Limited Warranty.



WARNING!

To avoid serious injury or death:

- Only devices designed for use in this type of outlet should be inserted into any 12 Volt outlet.
- Replacing the fuses that protect power outlets with others of higher amperage, there is the risk of fire.
- Do not touch with wet hands.
- Close the lids when the plug is not used and while driving the vehicle.
- If this outlet is mishandled, it may cause an electric shock and failure.

Power Outlet inside the Rear Central Tunnel Compartment

To access the 12 V power outlet inside the rear central tunnel compartment behind the cup holders, press the button as indicated to completely open the armrest.

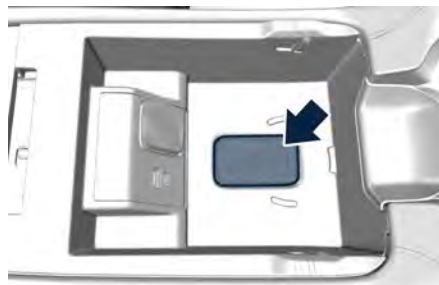


WARNING!

High power consumption items plugged into this outlet for long periods may discharge the battery and/or prevent the electric motors from starting.



Inside the rear central tunnel compartment, under the armrest, there is a storage area for storing the key fob.



Power Outlet inside the Boot

The 12 V power outlet is positioned on the left side of the boot compartment.



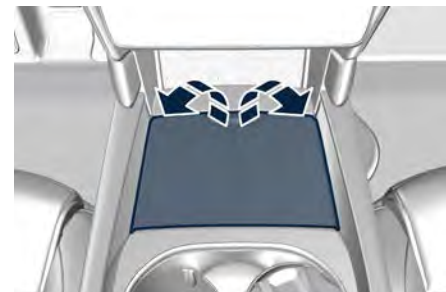
Storage Compartments

The vehicle is equipped with various storage compartments.

On the passenger side of the dashboard there is a glove box compartment with lock (see "Access the Glove Box Compartment" in section "Before Driving").

Underneath the armrest on the central tunnel, in addition to the phone compartment and cup holder, there is a storage area for storing the key fob (see "Power Outlet inside the Rear Central Tunnel Compartment").

In the front end of the central tunnel, there is an additional small compartment for storing small items (keys, coins, etc.); lift to the side the two half lids as indicated.



Cup Holders

The vehicle is equipped with several cup holders.



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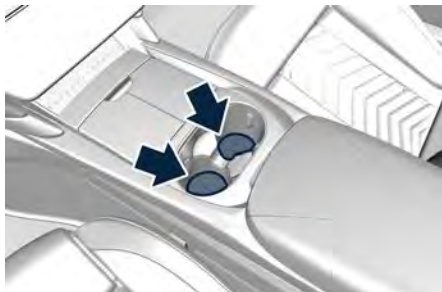


CAUTION!

- Use light and shatterproof containers.
- Do not forcefully push unsuitable containers into the cup holders to prevent damage to the containers.
- Do not store hot drinks.

Cup Holders for Front Passengers

The front cup holders are located between the front and rear central tunnel compartments.



NOTE:

The central part of the front cup holder can be removed and stowed away in the rear central tunnel compartment, to enlarge the space.

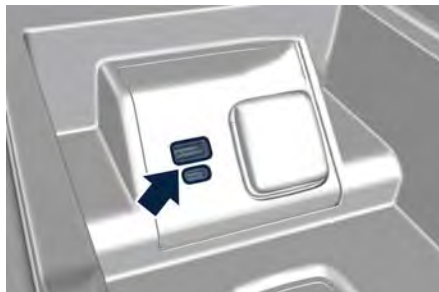
Cup Holders for Rear Passengers

Two cup holders are available between the rear seats, on the central console.



Multimedia Ports

The ports are located inside the compartment underneath the armrest.



The USB ports (Type-A and Type-C) can be used for data exchange (refer to the "Maserati Intelligent Assistant™ (MIA)" guide for further details) and charge of the connected source.

For rear seat passengers, there are two ports (Type-A and Type-C) inputs on the central console, behind the two cup holders.

This USB ports allow charging (CHARGE ONLY label) the connected source.

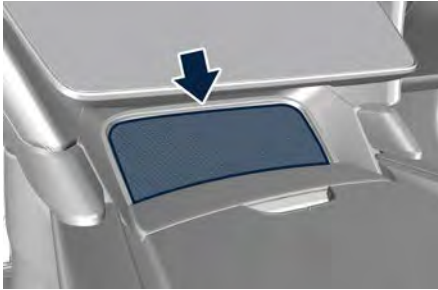


Following conditions can create USB inputs damage or malfunction:

- Usage of non-original lighting cables.
- Usage of defective rechargeable devices (smartphone, tablet, mass storage devices or other generic USB devices).
- ONLY insert media, into your vehicle if it came from a trusted source.
- Usage of damaged or defective cables.

Wireless Charger

The Wireless Charger is located in a dedicated phone box compartment on the central tunnel, under the Comfort Display.



The Wireless Charger allows you to recharge your mobile phone (if it support this technology) without have to connect it to the charging port through a cable. The Wireless Charger system is designed to wirelessly charge mobile phones (maximum power available 15 W) compatible with the Qi[®] standard. The system is activated in automatic mode when the mobile phone is placed in its compartment.

If the mobile phone is removed from the Wireless Charger compartment during the wireless charging phase, this will automatically be interrupted.



CAUTION!

- Key fob must not be placed on or close to the Wireless Charger compartment. This could cause excessive overheating and damage to the key fob. Placing the key fob in the Wireless Charger compartment may prevent the electric motors from starting. In this case, a dedicated message will be shown on the MIA screen to alert the driver of the need to remove the key fob from this compartment.
- Do not place any other type of metal or magnetized object (e.g. credit cards, coins, badge, etc.) inside the Wireless Charger compartment.
- Make sure that you place the mobile phone correctly (display facing upward) in the phone drawer: charging may not be enabled if it is in the wrong position.
- To avoid interference with the key fob search, the Wireless Charger system stops the charge for a moment when any door is opened.
- Make sure that there are no metal objects between the mobile phone and the wireless charger system during charging. Any such objects could overheat.

NOTE:

- The wireless charger device is equipped with an NFC antenna, so the "Apple Pay Wallet" function could be activated on Iphone phones: in any case this will not involve any economic transaction or charging interruptions.
- Some smartphones, due to their specific construction characteristics (e.g. internal metal body), could show charging problems in some driving conditions. In this case, the message "Foreign Object Detection (FOD)" may appear.
- According to driving style, brief interruptions in the charging process (with the related message popup activation) generated by the movement of the smartphone within the charging area may occur. This is not an anomalous behaviour and the charging process will resume regularly as soon as driving conditions permit.
- When using smartphone cases, the wireless charging efficiency may be reduced or not possible. In this case, it will be sufficient to remove the smartphone case and verify the restoration of the correct charging conditions, keeping in mind conditions and exceptions described in the previous paragraphs.

(Continued)



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(Continued)

- During the charging process, the mobile phone can overheat and stop charging because of open applications or functions used. This is not an anomalous behaviour. The charging process will resume as soon as the device's temperature drops to normal conditions.
- It is possible to deactivate the pop-ups related to the wireless charger by removing the flag on the MIA screen (see "Wireless Charger Status Popups" in chapter "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").
- In all disconnection cases, to restore normal charging conditions, simply place the telephone in the drawer central position.

The charge status icon of the mobile phone housed in the Wireless Charger compartment is always visible on the MIA in the "Home" (if the Phone widget is visible) or the icon is on the status bar) and "Phone" screen.

This icon becomes blue if the mobile phone is charging, green if it is fully charged and blinking red for system fail or foreign object in the compartment. The blink ends after a timeout of 5 seconds and the icon becomes solid until the fail is solved.

You can also drag and drop the Wireless Charger icon from the shortcut page to insert it in the upper status bar.



iPod® Connection

An iPod® can be connected to the system via USB ports.

The MIA will then control the following functions: play, pause, fast forward, rewind, next track, previous track, random or repeat mode, selection and navigation of playlist/genre/singer/album/Podcast.



CAUTION!

Do not leave your USB device, iPod® or an external audio source in the vehicle for extended periods of time: extreme temperatures and humidity can occur in the vehicle.

Sun Visors

Sun visors can be folded to the front and to the side of the vehicle. To move the sun visor laterally, lower and release it from its catch as indicated.

In this condition, the sun visor can be extended by sliding the sun visor end backward.



By lowering the sun visor you can access the courtesy mirror and, by opening the mirror protective cover, a LED light will

automatically light up (with the ignition device in **ON**).

NOTE:

The light on the sun visor turns on only when it is in non-extended position and pushed towards the endstop of the sliding rod support.

Before raising the sun visor, close the mirror cover: the light will turn off. A business card holder is fitted inside each sun visor.



Wi-Fi Hotspot ()

For further information about this service, see the “Maserati Intelligent Assistant™ (MIA)” guide.

Soft Top (only for GranCabrio)



CAUTION!

Before moving the soft top system:

- check that the cargo spacer is in vertical position.
- check that there is sufficient vertical clearance to open the soft top system.
- make sure the soft top is dry to prevent water entering the passenger compartment or soft top compartment.

The soft top must be opened and closed with the vehicle stationary and the ignition switched on (this procedure may run down the battery charge).

To move the soft top, enter the “Cabrio” menu touching the “Cabrio” soft-key on the comfort display.



Opening and closing is actuated by an electro-hydraulic system that is

controlled by a number of sensors that check every stage of opening and closing.

	By soft top “opening” we mean folding the soft top into the boot lid.
	By soft top “closing” we mean the opposite.

NOTE:

After a software update or a disconnection of the battery, always open and close the soft top to initialise the systems.

Precautions

Before and during the soft top operation observe the following precautions.



WARNING!

- Before opening or closing the soft top, always check that no one is in the way, as impact with the soft top may cause injury. Also check that no objects stand in the way of the soft top, as impact may cause damage to both the soft top and the object.
- In case of hazard, release the soft top button, which stops its movement.



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- **Keep your hands away from the soft top levers, the soft top compartment and the upper edge of the windshield.**
- **Before operating the soft top, make sure that no passengers are sitting in the rear seats.**
- **Never operate or act on a soft top that is performing a cycle.**



CAUTION!

- Do not move the soft top if a child seat is installed in the car.
- Do not open the soft top when it is wet, as the damp that would form in the soft top housing might cause permanent damage to the structure or stains or mould in the canvas. Should it need to be opened, do not leave it sitting in the housing for more than a day.
- Do not open the soft top when it is dirty, as both the canvas and the rear window might be damaged when it is folded.
- Do not open the soft top if there is ice or snow on it. Should it need to be opened, remove the snow or ice and do not use sharp or pointed objects.
- Do not place objects on the soft top as they might fall and cause damage and injury when it is moved.
- Do not place any objects in the soft top housing.
- Do not fasten soft top-racks or similar on the soft top.
- When closing the soft top, never start driving before the soft top has completed the closing cycle and has locked on the windshield frame.
- It is recommended to move the soft top with the car stationary.
- When operating the soft top during the journey, the rear view may be obstructed. The soft top stops in its current position when the vehicle speed exceeds 50 km/h, 30 mph. There is a risk of accident and material damage.
- When operating the soft top during the journey, pay close attention to traffic conditions and reduce speed if necessary.
- Do not operate while driving in reverse or in windy conditions.
- It is advisable to close the soft top when parking the vehicle. This not only protects the passenger compartment against weather agents, but is also a safeguard against theft.
- It is advisable not to keep the car in the open position for longer than 24 hours to avoid aesthetic defects on the soft top fabric.
- If possible, park in the shade as prolonged exposure to the sun will alter the canvas fibre and colour.
- Before disconnecting the battery, lower the side windows by about 4 - 5 centimetres (1.6 -2 in) to prevent damaging the soft top strip when the doors are opened and closed. When the battery is connected and fully charged, this operation is performed automatically whenever the doors are opened or closed. The windows must remain lowered until the recharged battery is reconnected. If the battery is flat and the windows are fully up, only open the doors when strictly necessary and being extremely careful: do not close them again until the windows can be lowered.

Opening the soft top system



CAUTION!

The soft top must be opened or closed with the car stationary to avoid distractions while driving. In any case, the operation of the soft top is disabled with a speed exceeding 50 Km/h (31mph).

Whenever the "Cabrio" menu is open, the animation on the arrow opening button will indicate that gesture control is available.

To open the soft top, perform one of the following actions:

- Press the soft-key and hold it pressed for the entire opening cycle.



- Put the finger on each part of the display and make a swipe and hold gestures (slide/swipe from left to right) for the entire opening cycle.



The soft top will perform the following steps which are also shown on the comfort display:

- the side windows are fully lowered;

- the soft top cover is opened;
- the soft top system part is positioned in the soft top compartment;
- the soft top cover is closed;
- the side windows are raised.

NOTE:

- While the soft top system is being opened, you cannot operate the side windows and the liftgate.
- If the soft top system is opened, the audio system reconfigures itself to ensure the best listening experience. Any mute, previously set, will not be maintained and must be manually set again by the user.
- The opening time of the soft top is about 14 seconds, excluding windows.
- At the end of the opening cycle of the soft top, to avoid overheating the system, do not press the soft-key or the gesture for more than 7 additional seconds.
- The roof controls are greyed if the system detects a fail.

The opening cycle can be interrupted at any time by releasing the soft-key or the gesture.

Closing the soft top system



CAUTION!

The soft top must be opened or closed with the car stationary to avoid distractions while driving.

In any case, the operation of the soft top is disabled with a speed exceeding 50 Km/h (31mph).

Whenever the "Cabrio" menu is open, the animation on the arrow closing button will indicate that gesture control is available.

To close the soft top, perform one of the following actions:

- Press the soft-key and hold it pressed for the entire closing cycle.



- Put the finger on each part of the display and make a swipe and hold gestures (slide/swipe from right to left) for the entire closing cycle.



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The soft top will perform the following steps which are also shown on the comfort display:

- the soft top cover is opened;
- the side windows are fully lowered;
- the soft top system element come out of the soft top compartment and extends over the passenger compartment;
- the soft top cover is closed;
- the side windows are raised.

NOTE:

- While the soft top system is being closed, you cannot operate the side windows and the liftgate.
- If the soft top system is closed, the audio system reconfigures itself to ensure the best listening experience. Any mute, previously set, will not be maintained and must be manually set again by the user.

- The closing time of the soft top is about 16 seconds, excluding windows.
- At the end of the closing cycle of the soft top, to avoid overheating the system, do not press the soft-key or the gesture for more than 7 additional seconds.
- The roof controls are greyed if the system detects a fail.

The closing cycle can be interrupted at any time by releasing the soft-key or the gesture.

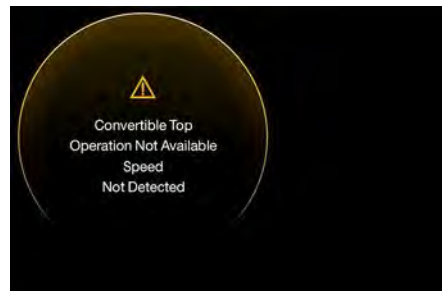
Interruption/Inhibition of Soft Top Movement

Automatic movement of the soft top is interrupted/inhibited in the following cases:

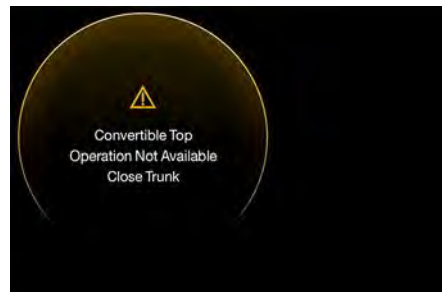
- The opening/closing soft-key is released before the soft top has completed its movement cycle.



- The system cannot read the vehicle speed.



- Boot compartment open or not properly closed.



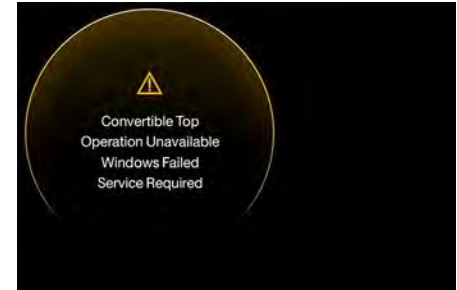
- Low battery voltage.



- Movement system overheated.



- The system cannot read the external temperature.



- Vehicle moving at a speed above 50 km/h (31 mph) or wind above 50 km/h (30 mph).



- External temperature below -10°C (14°F).



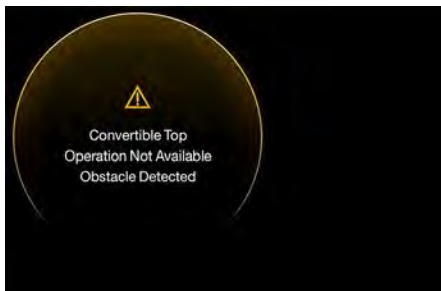
- Failure of the front windows.



- An obstacle prevents movement of the soft top



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- The emergency manual closing procedure is in progress.

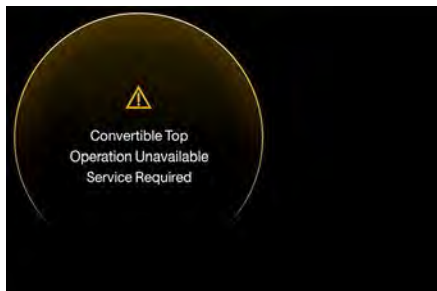


- The bulkhead in the boot (cargo spacer) is not positioned correctly.



Soft Top Failure

In the event of a failure of the hydraulic and electric soft top movement systems, the relative symbol will illuminate on the instrument cluster display accompanied by a message indicating that automatic movement is not available.



In these cases, check that the soft top is in a safe position, and if not, complete the movement manually (see "Soft Top Emergency Manual Closing Operation" in section "In an Emergency").



CAUTION!

- At the end of the opening or closing cycle of the soft top, in order to avoid overheating protection system intervention that would prevent any further soft top movement for the next 10 minutes, do not press and hold the soft-key or do not hold the gesture for more than 7 additional seconds (starting from the opening or closing cycle movement completion).
- If a soft top failure is signalled, contact the **Service Network** to have the problem corrected.



WARNING!

If the soft top has jammed in an intermediate position, because its movement was intentionally stopped or due to a failure of the hydraulic and electric systems, after remaining in this position for approx. 10 minutes the hydraulic circuit loses pressure. This condition allows the soft top and the relative housing cover (driven by their weight) to reach a resting position. Therefore, take the greatest care to avoid that people or objects in the vicinity may interfere with the soft top travel during this time.

In this case, do not operate the soft top using the buttons until the system has reached a steadily balanced position (fully open or fully closed).

Windstop (only for GranCabrio)

The Windstop consists of a panel fitted behind the front seats, which prevents the wind from creating turbulence in the passenger compartment when the soft top is open. The Windstop can also be left installed with soft top closed.



WARNING!

With Windstop installed you can not carry passengers in the rear seats.

The Windstop is normally stored in a protective bag inside the boot compartment.



CAUTION!

- It is recommended not to place sharp and pointed objects which may come into contact with the protective bag in the boot compartment, unless they are firmly secured.
- You should not place objects on the Windstop protective bag, even if they are secured, as they may damage the Windstop with their weight.

Fitting the Windstop

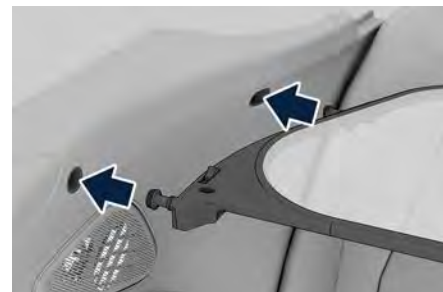
- Take the horizontal element of the Windstop out of its bag and open it.



CAUTION!

During the following installation operations, take the greatest care to avoid damaging the internal trims of the vehicle and the net of the Windstop.

- Bring the horizontal element of the Windstop in position on the vehicle.
- Fit the pins in the relative seat on the rear right-hand panel of the vehicle.



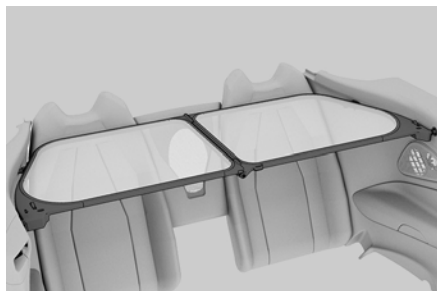


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- Perform the same operation to engage the opposite pins on the left side of the horizontal element of the Windstop.



- Holding the horizontal element of the Windstop only by the frame, lower the center section until you feel the parts engage.



- Take the vertical element of the Windstop out of its bag and open it.



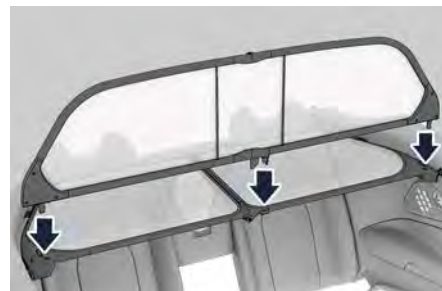
- On the upper central part of the vertical element of the Windstop, move the fixing lever in the indicated direction.



- Holding the vertical element of the Windstop only by the frame, bring the vertical element of the Windstop in position on the vehicle and fit the pins of the vertical element of the Windstop in the relative seats on the horizontal element of the Windstop.

NOTE:

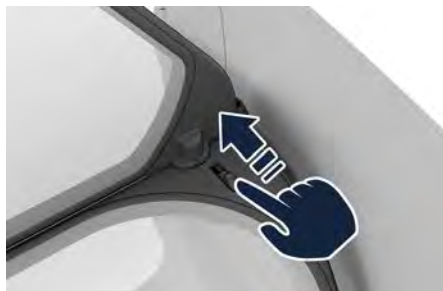
The fixing lever on the upper central part of the vertical element of the Windstop, must be oriented towards the rear of the car.



- Holding the vertical element of the Windstop only by the frame, lower the center section on the horizontal element of the Windstop until both elements are engaged.



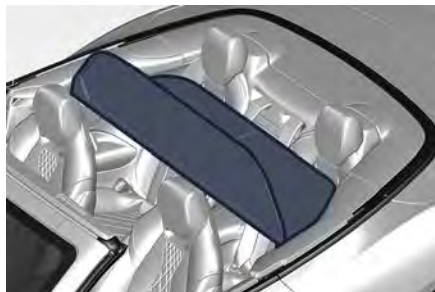
- On the right-hand side of the horizontal element of the Windstop, move the fixing lever in the indicated direction.



- On the left-hand side of the horizontal element of the Windstop, move the fixing lever in the indicated direction.



In this way the Windstop will be firmly fixed to the vehicle.



CAUTION!

When the Windstop is fitted:

- Do not fasten any object to the Windstop.
- Never place any object on the Windstop.

- Never place pointed or sharp objects on the rear seats, under the Windstop when fitted.
- If you tilt the backrest or move the seat backward you must take the greatest care to avoid that the two parts touch each other and so cause damages.

Windstop Removal

Perform the operations opposite to those outlined above and in reverse order.



Lifter System

This device acts on the suspensions and raises the the car by approximately 25 mm (0.98 in) to make access to garages or steep ramps easier and avoid damaging the car.

Each time the lifter is activated, the headlights will automatically point downwards.

The system may be activated, when the electric motors are running and at vehicle speeds below 50 km/h (31 mph), by pressing briefly the indicated soft-key on the bottom bar of the screen of the Comfort Display.



CAUTION!

If there is a large quantity of water on the road surface:

- Activate the Lifter System.
- Proceed at a speed not exceeding 20 km/h (12.5 mph).

System Operation

After soft-key pressure, the lifter starts to rising the vehicle. Rise up indicator light  is shown on the bottom left side of the instrument cluster.

The indicator light blinks until the maximum height is reached.

When maximum height is reached, the indicator light stays on steadily on the instrument cluster.

With lifter function active and with vehicle at the maximum height, press briefly the lifter soft-key in order to lower the vehicle at the normal height. The lifter starts to lower the vehicle. The lower indicator light  takes the place of the rise up indicator light .

The indicator light blinks until the lower height is reached.

When normal height is reached the instrument cluster does not show the lifter indicator light.



If the vehicle overcome the 50 km/h (31 mph) maximum speed, the lifter lowers automatically the vehicle to the normal height and a pop-up with the lowering description is shown on the instrument cluster. If the user try to activate the lifter, a pop-up will display in order to warn him that the lifter is not available at this speed.

System in Failure or not Available

A pop-up on the instrument cluster is shown for the following cases:

- fail of the lifter system (see example in picture). In this case, contact the **Service Network**;
- lifter is not available;
- electric motors are off;
- speed overcome the 50 km/h (31 mph).



- The lifter should only be used for the purposes described above and not to drive over speed control systems (e.g. traffic calmers) more quickly.
- If the air suspensions are deflated, do not turn completely the steering wheel. Maximum 90° turns are allowed.

Cargo Area



WARNING!

To help protect against personal injury, passengers should not be seated in the rear cargo area. The rear cargo space is intended for load carrying purposes only, not for passengers, who should sit in seats and use seat belts.

Vehicle Load Carrying Capacity

The load carrying capacity of your vehicle is shown on the vehicle homologation label positioned on the rear driver door's ledge.



The information indicated on the label concerns passengers and luggage loading operations.

Do not exceed the specified Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR), both front and rear.

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, and cargo.

The total load must be limited so that you do not exceed the GVWR indicated on the label.



WARNING!

Improper weight distribution can have an adverse effect on the way the vehicle steers, handles and the way the brakes operate.

The boot is the most suitable place to load bulky and heavy objects onboard the vehicle.

To load your vehicle properly, store heavier items below and be sure you distribute their weight as evenly as possible.

Stow all loose items securely before start driving as they could move during the trip.

NOTE:

The rear parcel shelf is not to be considered a support surface, except for minimum loads (see chapter "Weights" in section "Technical Specifications" for further details) which if applied above the speakers could damage the audio system.

The **Maserati Service Network** can provide you with any information about



Understanding the Vehicle

the items dedicated to the usage of the boot (luggage compartment mat, ...), available in the ""Genuine Accessories"" range.

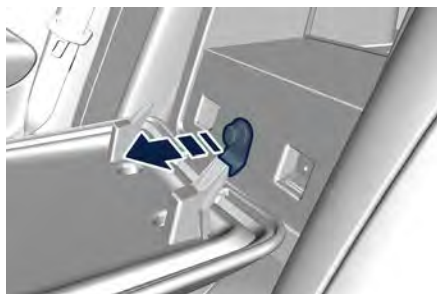
Ski and Snowboard Bag Compartment (only for GranTurismo)

To stow and safely fasten a ski fold down the central trim between the rear seats pulling the indicated strap.



NOTE:

The central trim can be left hooked to the structure and laid on the central console. Otherwise it can be detached unhooking the indicated button, lifting it; then place the central trim in the boot compartment.



CAUTION!

When ski or snowboard bag is fitted into the vehicle, make sure that no object is inside the rear cup holder. This can cause damage to the objects and potential damage to the seat itself.

Insert the bag end without anchor hook between the rear seats.

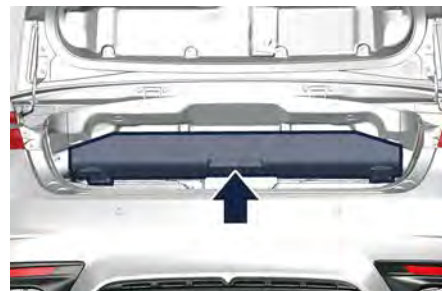
If you follow these instructions, the bag will be securely fastened to vehicle structure and will thus remain in place also in case of collision or unexpected braking.

Cargo Spacer (only for GranCabrio)

The GranCabrio introduces the new cargo spacer system.

This system has the task of reserving a part of the luggage compartment to fold the soft top.

The cargo spacer is manually operated by the user via the handle:



- moving the handle outwards, the cargo spacer is in vertical position, decreasing the useful capacity of the luggage compartment (see chapter "Dimensions" in section " Technical specification"), allowing the soft top operating.
- moving the handle inwards, the cargo spacer is in horizontal position, increasing the useful capacity of the luggage compartment (see chapter "Dimensions" in section " Technical specification"), inhibiting the soft top operating.

NOTE:

If you try to open the soft top with cargo spacer in horizontal position, a warning message appears on the cluster

(see chapter "Soft Top" in section "understanding the vehicle").

If the warning message described above appears, first make sure you have checked that the positioning of the cargo spacer is in vertical position. In some cases, placing luggage in the luggage compartment may inadvertently move the cargo spacer in horizontal position.

On the cargo spacer there is a label with some basic information about how to use it and how to place the luggage.



CAUTION!

- Do not insert high loads in front of the door which could cause it to rotate and move the cargo spacer in horizontal position, inhibiting the soft top operating.
- It is recommended to avoid stowing bulky high-height or pointed-shaped luggage, that can push the canvas vertically behind the cargo spacer door, because the canvas risks deformation or being punctured.

Audio System

The vehicle is equipped with an audio system that offers superior sound quality, higher sound pressure levels and reduced energy consumption. The system maximises the amplifier and speaker technology delivering substantially higher components and system efficiency.

NOTE:

On GranCabrio, if the soft top is opened or closed, the audio system reconfigures itself to ensure the best listening experience.

Any mute, previously set, will not be maintained and must be manually set again by the user.

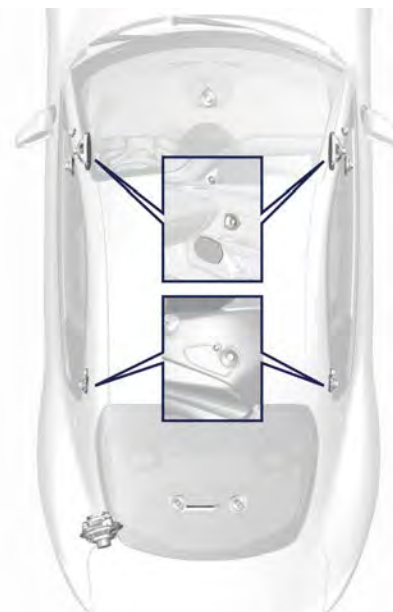
Sonus Faber Premium Audio System

The vehicle can be equipped with a "Premium" sound system which features 14 speakers and can develop a sound output of 860 W.

This system includes:

- Two 152x229 mm (6x9 in) diameter Woofers, one on each door.
- Three 100 mm (3.9 in) diameter Midrange: one on the top of the dashboard, one on each door panel.
- Four 80 mm (3.1 in) diameter Midrange: two on each rear panel and two on the rear parcel shelf.

- Four 25 mm (1 in) diameter Tweeters: one at the base of the windshield side pillars and one on each rear panel.
- One 250 mm (9.8 in) Fresh Air Subwoofer (Dual Voice Coil) in the boot, behind the left side wall.
- 17-channel amplifier positioned under the rear part of the floor.



Sonus Faber Premium Audio System

Sonus Faber Additional Features:

- **Media expander:** application of algorithm for processing MP3 files or



Understanding the Vehicle

low resolution / compressed sources to improve sound quality.

- **Specific tuning:** 2 different set-up that can be chosen by the customer for characterizing their listening experience:

GUARNERI: precise soundstage with extreme openness, clarity and speed;

AMATI: full and balanced sound perception with enhanced bass.

- **Sound On/Off:** 2D surround delivers a spatial experience which is achieved with a proprietary surround sound algorithm.

Sonus Faber High Premium Audio System

The vehicle can be equipped with a “High Premium” audio system including 19 speakers and 1195 W of sound power, available upon request.

The “High Premium” system includes:

- Two 152x229 mm (6x9 in) diameter Woofers, one on each door.
- Five 100 mm (3.9 in) diameter Midrange: one on the top of the dashboard, one on each door panel, one on each rear panel.
- Two 80 mm (3.1 in) diameter Midrange: on the rear parcel shelf.
- Two 50 mm (2 in) diameter Height-Midrange: on the roof panel, above the front dome console.

- Seven 25 mm (1 in) diameter Tweeters: one on centre dashboard, one at the base of the windshield side pillars, one on each rear panel and two on the rear parcel shelf.
- One 250 mm (9.8 in) Fresh Air Subwoofer (Dual Voice Coil) in the boot, behind the left side wall.
- 24-channel amplifier positioned under the rear part of the floor.



Sonus Faber High Premium Audio System

Sonus Faber Additional Features:

- **Separate Subwoofer control:** the subwoofer dB level can be selected according to customer preference.
- **Media expander:** application of algorithm for processing MP3 files or low resolution / compressed sources to improve sound quality.
- **Specific tuning:** 2 different set-up that can be chosen by the customer for characterizing their listening experience:
 - EX3MA:** full and balanced sound perception with enhanced bass;
 - REFERENCE:** precise soundstage with extreme openness, clarity and speed.
- **2D and 3D Surround, with intensity level (for 3D Surround only):** customer can select 2D and 3D Surround achieved with a proprietary surround sound algorithm.

Sonus faber has a natural sound delivered by consistent application of key technologies and philosophy design approach.

Signature ‘Voice of Sonus faber’ sound is achieved by optimising the phase and amplitude alignment between midrange and tweeter.

Natural materials and proprietary loudspeaker design and construction are used to deliver unique tonal balance throughout the vehicle cabin.

Each speaker is driven by a dedicated power tailored Class-D Dual DSP amplifier stage.

This surround effect is available from any audio source - AM/FM/Satellite Radio or USB input and is activated through the MIA system controls (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls"). All information on the current operational mode can be found in the specific booklet visible on the MIA screen. Fader control is available in surround mode but it should be set to the centre position for optimal surround performance.

Air Conditioning Distribution

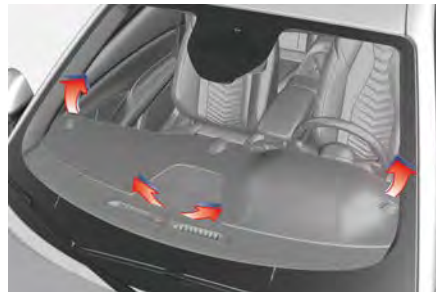
Adjustable and fixed air vents allow passengers to achieve the optimal comfort conditions.

NOTE:

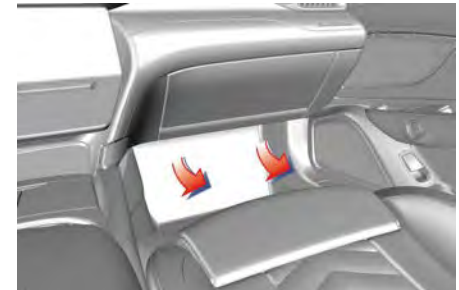
The Maserati Service Network can provide you with any information about the Maserati approved Multifunctional Air Filter, available in the "Genuine Accessories" range.

Fixed Air Vents

- The fixed vents, positioned on the upper surface of the dashboard, in the centre and on the sides, are meant to guarantee the demisting and defrosting of the windshield and the side windows.



- The fixed vents under the dashboard are aimed at ventilating the lower part of the front passenger compartment.



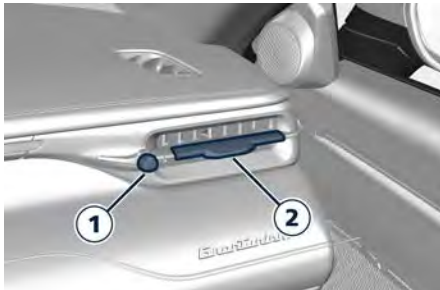
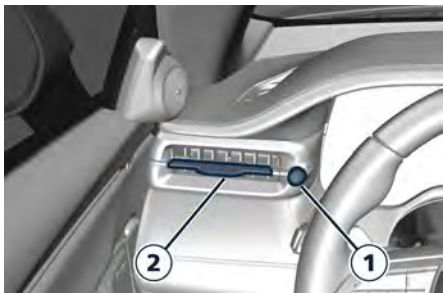
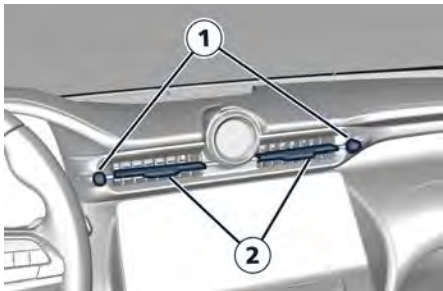
Adjustable Air Vents

The adjustable vents are located at the centre of the dashboard, above the MIA display and at the side ends of the dashboard. They have the purpose of ventilating the upper part of the passenger compartment. There are also adjustable vents placed at the rear end of the central tunnel. The rotor **1**, located



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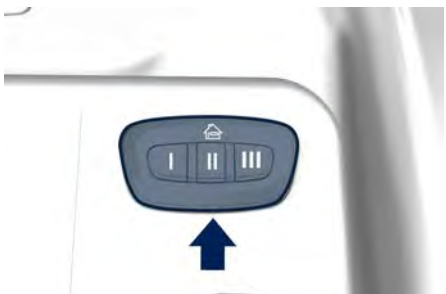
near each vent, allows to control the quantity of the air flow from fully closed to fully open, and vice versa. The grill of these vents can be oriented by operating on the central handle 2 .



NOTE:
In order not to obstruct the air conditioning inlet, the defrosting or the demisting function of the glass surfaces, avoid covering vents with clothing or other items.

HomeLink® (🏠)

HomeLink® replaces up to three hand-held transmitters operating the automatic devices that open garage doors and gates, enable/disable the lighting or security systems. The HomeLink® unit is powered by your vehicle's 12 Volt battery. The HomeLink® buttons that are located on the driver sun visor designate the three different HomeLink® channels. The HomeLink® warning light is located behind the buttons.



NOTE:
HomeLink® is disabled when the vehicle security alarm is active (see chapter "Anti-theft Alarm Systems" in this section).


WARNING!

Your motorized door or gate will open and close while you are programming the universal transceiver. Do not program the transceiver if people, pets or other objects are in the path of the door or gate. Only use this transceiver with a garage door opener that has a “stop and reverse” function. Do not use a garage door opener without these safety functions. Call toll-free 1-800-355-3515 or, on the Internet at www.HomeLink.com for safety information or assistance.

Before You Start Programming HomeLink®

Be sure that your vehicle is parked outside of the garage before you begin programming.

For more efficient programming and accurate transmission of the radio-frequency signal it is recommended that a new battery be placed in the hand-held transmitter of the device that is being programmed to the HomeLink® system. Before starting programming it is necessary to erase the standard codes memorized on the HomeLink® device during the production phase. To erase such codes:

- place the ignition device in **ON** position without starting the electric motors;
- press and hold the two outside HomeLink® buttons (I and III) until the warning light starts flashing (after approximately 20 seconds);
- release the buttons.

NOTE:

- Erasing the standard codes should only be performed when programming HomeLink® for the first time. Do not perform this operation to program additional buttons.
- If you have any problems, or require assistance, please call toll-free 1-800-355-3515 or, on the Internet at www.HomeLink.com for information or assistance.

System with Devices Provided with Rolling Codes

Programming the Hand-held

Transmitters Manufactured after 1995

These devices can be identified by the “LEARN” or “TRAIN” setting button located where the hanging antenna is attached to the garage door/gate opener. It is NOT the button that is normally used to open and close the door.

The name and colour of the button may vary by manufacturer.

- Place the ignition device to **ON** position without starting the electric motors.
- Place the garage door opener transmitter 3 - 8 cm (1 to 3 inches) away from the HomeLink® button you wish to program.
- Push and hold the Homelink® button you want to program while you push and hold the garage door opener transmitter button you are trying to replicate.

The quick flashing light indicates that the channel with the new frequency has been acquired and programmed correctly by the HomeLink® system.

NOTE:

The distance necessary between the portable hand-held transmitter and the HomeLink® in the vehicle depends on the system you wish to program. Probably it will be necessary to try several times. Upon every attempt, keep the setting position for at least 15 seconds before trying again.

Synchronising the Rolling Codes

At the end of the previously-described programming, if the HomeLink® has been programmed for a rolling code system, it will be necessary to synchronise it to ensure its correct operation.

- Locate the “LEARN” or “TRAINING” setting button of the opening motor. Firmly press it and then release it. On



Understanding the Vehicle

some garage door openers/devices there may be a light that blinks when the garage door opener/device is in the LEARN/TRAIN mode.

NOTE:

You have 30 seconds to initiate the next step after the setting button has been pressed.

- Return to the vehicle and press the programmed HomeLink® button for two seconds and then release it.
 - Repeat this operation a second time.
- If the garage door opening device activates, the programming/synchronization phase is complete.

NOTE:

If the garage door opening device does not activate, press the button a third time for two seconds and then release it to complete the programming/synchronization phase.

- To program the remaining two HomeLink® buttons, repeat the same step for the same remaining button. **DO NOT erase the channels.**

Reprogramming a Single HomeLink® Button

To reprogramme a channel that has been previously trained, follow these steps:

- Place the ignition device to **ON** position without starting the electric motors.

- Press and hold the desired HomeLink® button.
- **Without releasing the button** proceed with “Programming the hand-held transmitters” from second step and follow all remaining steps.

System with Devices Without Rolling Code

Programming the Hand-held

Transmitters Manufactured before 1995

- Turn the ignition device to **ON** position without starting the electric motors.
- Place the hand-held transmitter 3 to 8 cm (1 to 3 inches) away from the HomeLink® button you wish to program.
- Simultaneously press and hold both buttons until the warning light starts flashing quickly; then release both buttons.

The quick flashing light indicates that the channel with the new frequency has been acquired and programmed correctly by the HomeLink® system.

NOTE:

The distance necessary between the portable hand-held transmitter and the HomeLink® in the vehicle depends on the system you wish to program. Probably it will be necessary to try several times.

Upon every attempt, keep the setting

position for at least 15 seconds before trying again.

- Press and hold the programmed HomeLink® button.

If the garage door opener/device activates, programming is complete. To program the remaining two HomeLink® buttons, repeat each step for each remaining button. **Do not erase the channels.**

Reprogramming a Single HomeLink® Button

To reprogram a channel that has been previously trained, follow these steps:

- Place the ignition device to **ON** position without starting the electric motors.
- Press and hold the desired HomeLink® button.
- **Without releasing the button** proceed with “Programming the hand-held transmitters” from second step and follow all remaining steps.

Using HomeLink®

To operate, press and release the programmed HomeLink® button. Activation will now occur for the programmed device (i.e., garage door opener, gate operator, security system, entry door lock, home/office lighting, etc.). The hand-held transmitter of the device may also be used at any time.



Security

It is advisable to erase all channels before you sell or turn in your vehicle. To erase the channels press and hold the two outside HomeLink® buttons (I and III) until the warning light starts flashing (after approximately 20 seconds).

The HomeLink® Universal Transceiver is disabled when the vehicle security alarm is active (see chapter “Anti-theft Alarm Systems” in this section).

Troubleshooting Tips

If you are having trouble while programming HomeLink®, here are some of the most common solutions:

- Replace the battery in the original hand-held transmitter.
- Press the LEARN button on the garage door opener to complete the training for a rolling code.
- Did you unplug the device for programming and forgot to plug it back in?

If you have any problems, or require assistance, please call toll-free 1-800-355-3515 or, on the Internet at **www.HomeLink.com** for information or assistance.

NOTE:

You can consult the list of compatible devices with the HomeLink®, and their

level of compatibility, on the website **www.HomeLink.com**.

Radio Frequency RKE Transmitter - Regulatory Information

The “Regulatory Information” for all the radio frequency and radar devices can be consulted by accessing the section “Services” on the website **www.maserati.com**.



Understanding the Vehicle



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Safety Tips

Transporting Passengers



WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury.
- It is extremely dangerous to travel in a cargo area, inside of a vehicle. In a collision, people travelling in these areas are more likely to be seriously injured.
- Do not allow people to travel in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.
- An unsecured or incorrectly positioned load increases the risk of injury during sharp braking, a sudden change of direction or an accident.

Vehicle Safety Checks

Seat Belts

- Inspect the belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately.
- Do not disassemble or modify the system.
- If the belt has been sharply pulled, for example as the result of an accident, the safety belt, together with the

anchoring devices and the anchoring device mounting screws must be completely replaced. Even if the belt does not present any exterior signs of wear or damage, it may have lost its restraining properties.

Air bag Warning Light

The  light should illuminate and remain lit for a few seconds bulb checking when the ignition device is pushed in **ON** position (see "Supplemental Restraint System (SRS) - Air Bags" chapter in section "Understanding the Vehicle").

- If the light  does not illuminate while starting, contact the **Service Network**.
- If the light stays on, flickers, or comes on while driving, have the system checked by the **Service Network**.

Defroster

Check operation by selecting the defrost mode and place the fan system on high speed (chapter "Air Conditioning Controls" in section "Dashboard Instruments and Controls").

You should be able to feel the air directed against the windshield and front side windows. Contact the **Service Network** for service if your defroster is inoperable.

Floor Mat

Always use floor mats designed to fit the footwell of your vehicle. Use only floor mats that leave the pedal area unobstructed and that are firmly secured so that they cannot slip out of position and interfere with the pedals or impair safe operation of your vehicle in other ways.

NOTE:

The **Maserati Service Network** can provide you with any information about the available Maserati floor mats included in the "Genuine Accessories" range.



WARNING!

Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious personal injury.

- Always make sure that floor mats are properly attached to the proper fasteners.
- Never place or install floor mats or other floor coverings in the vehicle that cannot be properly secured to prevent them from moving and interfering with the pedals or the ability to control the vehicle.



- **Never put floor mats or other floor coverings on top of already installed floor mats. Additional floor mats and other coverings will reduce the size of the pedal area and interfere with the pedals.**
- **Check mounting of mats on a regular basis. Always properly reinstall and secure floor mats that have been removed for cleaning.**
- **Always make sure that objects cannot fall into the driver footwall while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.**
- **Mounting posts must be properly installed, if not equipped from the factory. Failure to properly follow floor mat installation or mounting can cause interference with the brake pedal and accelerator pedal operation causing loss of control of the vehicle.**

Tires

- Examine tires for excessive tread wear and uneven wear patterns.
- Check for stones, nails, glass, or other objects lodged in the tread or sidewall.
- Inspect the tread for cuts and cracks.
- Inspect sidewalls for cuts, cracks and bulges.
- Check the wheel nuts for tightness.

- Check the tires (see "Tire Inflation Pressure" chapter in section "Technical Specifications") for proper cold inflation pressure.

Lights and Indicator Lights

- Have someone observe the operation of exterior lights while you operate the controls (chapter "External Lights Controls" chapter in section "Dashboard Instruments and Controls").
- Check turn signal and high beam indicator lights on the instrument cluster (chapter "Warning and Indicator Lights" in section "Dashboard Instruments and Controls").

Door Latches

- Check for positive closing, latching, and locking of doors and boot lid (see specific chapters).

Fluid Leaks

- Check area under vehicle after overnight parking for recent fluid leaks (oil, refrigerant, etc.).
- If fluid leaks are suspected, contact the **Service Network**.

800 V Battery System

Misuse or inappropriate interventions on the system components using insufficiently insulated tools can generate short-circuits and cause injury due to the flow of high currents and/or the resulting high temperatures. To

avoid these problems, the high voltage system cannot be accessed by the user. Carefully follow the recommendations below.



WARNING!

- **Battery system components may be damaged in an accident, although the damage may not be visible. If you touch or move damage components of battery system, you may be electrocuted.**
- **Never perform modifications to components of battery system.**
- **Only technicians with the necessary experience and equipment are allowed to work on the battery system. In case of battery system problems, do not intervene but contact the Service Network.**
- **Do not open the battery housing, or otherwise disassemble the battery system.**
- **Do not puncture, impact, crush, shock, or deform the battery system.**

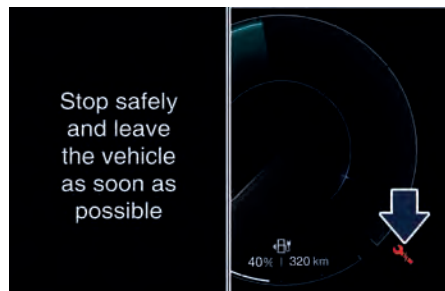
In Case of Damage to the 800 V High Voltage Battery

The high voltage battery cell has a hermetically sealed metal housing and does not represent a danger to health if the battery is used correctly.



Before Driving

If the battery system is used improperly, damaged, overheated, abused, or unusual environmental conditions may cause the cell to leak with the release of flammable electrolyte fumes. In these cases the car has a strategy that warns the user through the electric system failure warning light and a message that invites passengers to leave the vehicle. After this event, the 800 V high voltage battery must be checked by the **Service Network**.



Car Cleaning and Sanitizing

According to what is prescribed by the health authorities in each country, after using the car it is necessary to clean all surfaces that may have been touched by other people (example: steering wheel, transmission buttons, air vents, seat belts, keys, handles, etc.).

To carry out this operation safely and correctly, trying to avoid possible

damage to the internal surfaces of the car, here are some useful tips:

- perform the operation if possible outdoors or in any case in a sufficiently ventilated area;
- wear all personal safety devices: gloves, mask and goggles using new or sanitized devices;
- clean the surfaces with a microfiber cloth moistened with an alcoholic sanitizing solution, avoiding to apply or spray said solution directly on the surface. The use of hydrogen peroxide, bleach and disinfectant is not recommended as they can develop too aggressive action on leather and plastic;
- check the air conditioning filter and sanitize the vents that circulate the air in the passenger compartment;
- vacuum the dust from the upholstery and the mats, or wash them with the appropriate detergent products.

A good habit to take, is to always have clean hands, both before and after driving, as it will help to keep the steering wheel and other surfaces more frequently touched inside cleaner car.

Transporting Pets

Air bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or

injure a passenger during panic braking or in an accident.

Pets should be restrained in the rear seat in pet harnesses or pet carriers that are secured by vehicle seat belts.

Keys

The vehicle is equipped with an electronic key with a Remote Keyless Entry (RKE) transmitter, synthetically called "key fob", to enter and protect the vehicle.

The vehicle is provided with two programmed key fobs and a wearable activity key.

In addition to the RKE transmitter the key fob also contains a metal insert with the function of emergency key. You can keep the emergency key with you when using valet parking.

NOTE:

RKE may be cause of lock a key fob inside your vehicle.

To minimize the possibility of unintentionally locking a key fob inside your vehicle, please see "Close and Lock with Key Fob inside the Vehicle" in "Open and Close the Boot Lid" chapter in "Before Driving" section.



WARNING!

- When leaving the vehicle, always remove the key fob and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle.

- Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake switch, brake pedal or the eCoasting level paddles.
- Before leaving the vehicle, ALWAYS engage the parking brake. Activate mode P (Park) and press the ignition device to set it to STOP. When leaving the vehicle, always lock all the doors by pressing the  button on the key fob.
- Do not leave the key fob in or near the vehicle, and do not leave the ignition device in the ON position. A child could operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.
- An unlocked car is an invitation to thieves. Always remove the key fob from vehicle, cycle the ignition device to STOP and lock all doors when leaving the vehicle unattended.



CAUTION!

The electronic components inside the key fob may be damaged if the key fob is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key fob, it should never be exposed to direct sunlight.

Key fob Operation

On the key fob there are 4 buttons with the following functions.



Doors Unlock

The short press of the  button unlock the doors. At the same time, switch-on in timed mode the interior courtesy lights and performs a single flashing of direction indicators (if activated from the MIA system).

On GranTurismo, the prolonged press of  button open all windows.



Before Driving

On GranCabrio, with the soft top closed (coupe configuration) the prolonged press of  button open the front windows. With the soft top open (cabrio configuration) the prolonged press of  button open the front windows in sequence with the rear windows.

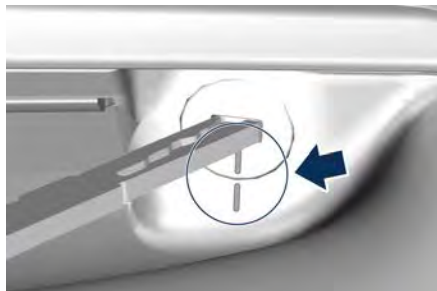
Moreover, from the MIA system you can activate or deactivate the flashing of the direction indicators upon locking/unlocking the doors and activate the "Greetings Light" function (dipped beam headlights, welcome lights and direction indicators switch on) upon unlocking the doors. For further information, see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls."

The driver's door can always be unlocked in the following way:

- Insert the emergency key in the cavity on the plastic cap on the handle (see "remove the emergency key from the key fob" in this chapter).



- Rotate the emergency key in order to align the reference marks present on the cap and the handle body.



- Remove the cap and put the key inside the door lock present on the driver's side handle and rotate the key to unlock the door.

When the unlock operation is completed reassemble the cap in the following way:

- Insert the cap on the handle aligning the reference marks present on the cap and the handle body.

- Rotate the emergency key in order to misalign the reference marks present on cap and handle body.
- Remove the emergency key.

NOTE:

Always remember to replace the plastic cap on handle.

Doors Lock

The short press of the  button lock the doors. At the same time, switch-off in timed mode the interior courtesy light and performs a double flashing of direction indicators (if activated from MIA system).

On GranTurismo, the prolonged press of  button close all windows.

On GranCabrio, with the soft top closed (coupe configuration) the prolonged press of  button close the front windows only if the rear windows are completely closed, otherwise the function is inhibited. With the soft top open (cabrio configuration) the prolonged press of  button close the front windows in sequence with the rear windows.

The driver's door can always be locked by putting the emergency key inside the door lock on the driver's side handle.

Boot Lid Open

Press the button on the key fob twice within five seconds to unlock the boot lid and fully open it.

See chapters "Passive Entry System", "Proximity System" and "Open and Close the Boot Lid" in this section for further information.

Lights on

Press the button to light on the front and rear lights of the vehicle.

Requiring and Setting Additional Key fobs

In order to purchase additional key fob you need to bring with you at the **Maserati Service Network**:

- all key fobs in your possession;
- a personal ID;
- the identification and registration documents proving ownership of the vehicle.

Setting new key fobs or re-setting the original ones may only be performed at the **Maserati Service Network**.

NOTE:

The codes of any key fob that are not available when the new setting procedure is carried out will be deleted from the memory to prevent any lost or stolen key fob being used to disarm the electronic alarm system.

Key fob Battery Replacement

NOTE:

A low charge level of the key fob battery will be indicated on the instrument cluster display.

The recommended replaced battery type is a: CR2450.

To replace the battery proceed as follows:

- Remove the emergency key as indicated in "Remove the Emergency Key from the Key fob" chapter of this section.
- Unclip and remove the lower cover pulling upwards by rotation.



- Separate both parts of the key fob case.



- Remove the battery from its seat and replace with a new recommended type of battery.



ENVIRONMENTAL!
Batteries contain dangerous materials that could harm the environment. Please dispose of them according to local regulations or at the Service Network.



Before Driving



WARNING!

- Do not ingest battery, chemical burn hazard. This product contains a coin/button cell battery. If the coin/button is swallowed, it can be cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

NOTE:

Avoid touching the new battery with your fingers. Skin oils may cause battery deterioration. If you touch a battery, clean with alcohol.

- Match the + sign on the battery to the + sign on the inside of the battery clip, located on the back cover.
- Assemble the key fob case a click will ensure the succeeded sealing.
- reassemble the emergency key.

If the Key fob Battery is Flat

If the key fob battery is flat, or the key fobs are not detected, is still possible to operate the ignition device using the key fob with discharged battery after

placing it inside the rear central tunnel compartment, under the armrest. Lay the key fob on the indicated spot, respecting the position shown in picture.



NOTE:

The system does not recharge the key fob battery; it must be replaced as indicated in the paragraph "Key fob Battery Replacement".

Remove the Emergency Key from the Key fob

To remove the emergency key from the key fob:

- Pull the release button in the arrow direction
- simultaneously remove the emergency key by sliding laterally towards the end of the key fob.



To reassemble the key fob push the emergency key back into the key body till the release button returns in his original location.



Wearable Activity Key Content

Maserati provides the user a wearable activity key that emulates the key fob passive entry functions (see "Passive Entry System" in this section).

The device allows to lock and unlock vehicle's door(s) and to turn the ignition

device in **ON** position without having the key fob with you.

The device is wearable with the appropriate strap.



NOTE:

- No buttons or soft-keys are present on the device.
- A low charge level of the wearable activity key battery will be indicated on the instrument cluster display.

NOTE:

It is recommend to not use the wearable activity key on the arm next to the power window.

The wearable activity key is resistant to immersion in water (15 meters (49 ft)/1 hour) and can therefore be used for outdoor activities or sports activities in general. Every indication in this manual related to the electronic key is applicable to the wearable activity key, except for the functions related to the presence of

the buttons and the battery replacement procedure.



CAUTION!

The wearable activity key must not be used for deep diving or other activities involving contact with highspeed water (such as water skiing, diving, kite surfing, etc.).



CAUTION!

The batteries of the device can not be changed. Contact a **Maserati Dealer** to get your activity key replaced.

Radio Frequency RKE Transmitter - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

Ignition Device

The ignition device is positioned on the steering wheel left side and is activated by the key fob that must be inside the cockpit.

NOTE:

The ignition device is always visible even if all the other LEDs are switched off. It will blink 5 times after closing the door to signal the point where to switch the vehicle on. It have to be activated with a single, continuous push motion covering the whole travel of the button.





WARNING!

- Do not leave the ignition device in the **ON** position. A child could operate power windows, other controls, or move the vehicle.
- It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause **SERIOUS SAFETY PROBLEMS** and also result in the car not meeting type-approval requirements.
- Before leaving the vehicle, **ALWAYS** engage the parking brake. Activate mode P (Park) and press the ignition device to set it to **STOP**. When leaving the vehicle, always lock all the doors by pressing the  button on the key fob.
- If the ignition device has been tampered with (e.g. an attempted theft), have it checked over by the Service Network before driving again.

Ignition Device States

The ignition device has the following possible states.

STOP: electric motors off. Some electrical devices (e.g. central door

locking system, alarm system, etc.) are still available.

ON: all electrical devices are available. This state can be selected by pressing the ignition device button once, without pressing the brake pedal.



CAUTION!

Do not leave the ignition device on the **ON** position for a long time before a long period of inactivity to avoid further discharging of the battery.

With the ignition device switch **ON**, if 30 minutes pass with P (Park) mode engaged and the electric motors stopped, the ignition device will automatically move to the **STOP** position.

With the electric motors running, it is possible to go away from the vehicle taking the key fob with you. The electric motors will still be running. The instrument cluster will indicate with a message the absence of the key fob on board.

For more information on the electric motors start-up, see "Normal Starting of the Electric Motors" in section "Driving and Driver Assistance Systems".

NOTE:

- do not start the electric motors immediately after reconnecting the terminals, but press the ignition device, without operating the pedals, to turn on the instrument cluster and then start the electric motors.
- the  on the instrument cluster will remain on, indicating that the steering must be initialised. To do this, turn the steering wheel from one end to the other and bring it back to the centre position within 30 seconds from starting the electric motors. If any red warning lights on the instrument cluster remain lit, stop the electric motors, wait for at least 5 seconds and repeat the starting procedure described above.

Shift Ignition Device to STOP Alert

If the ignition device is left in **ON** position, when vehicle is locked the system will turn off the instrument cluster and automatically set ignition device to **STOP** after 30 minutes.

Setting the MIA system (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls"), radio will remain active for up to 10 minutes after the ignition device is cycled to the **STOP** position. Power

window switches and power outlet are not affected by this function.

Passive Entry System

The “Passive Entry” system is an enhancement to the vehicle’s Remote Keyless Entry (RKE) system. This function allows you to lock and unlock the vehicle’s door(s) without having to press the key fob lock or unlock buttons.

NOTE:

- If wearing gloves, or if it has been raining on the “Passive Entry” door handle, the unlock sensitivity can be affected, resulting in a slower response time.
- Access to the vehicle using “Passive Entry” system may not work properly in case of interference caused by external sources such as metal objects, mobile phones, overhead power lines, antennas, etc. In these cases, use the buttons of the key fob to open and close the vehicle or the emergency key, inserting it into the driver side door lock.
- The “Passive Entry” system does not lock and unlock the doors directly and immediately but with a slight delay (about 2 seconds).
- Fobik / wearable key needs to be far at least 20 cm to work well.

Unlock Door from the Driver Side

With a valid key fob within 1 m (3.3 ft) of the driver's door handle, touch the inside

part of driver's door external handle using the hand fingers to unlock the door.



NOTE:

If “1st Press of Key Fob Unlock” is programmed on all doors will unlock when you grip the front driver's door handle. To select between “Driver Door” and “All Doors”, see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”.

Unlock Door from the Passenger Side

With a valid key fob within 1 m (3.3 ft) of the passenger door handle, touch the inside part of passenger's door external handle using the hand fingers to unlock all doors automatically.

NOTE:

All doors will unlock when you grip the front passenger door handle regardless

(Continued)



Before Driving

(Continued)

of the driver's door unlock preference setting ("Driver Door" or "All Doors"). If unlock is performed with PE or RKE then if the user do not open any door within 60 seconds the vehicle will be automatically locked.

Preventing Inadvertent Locking of the Key fob Inside the Vehicle



To minimize the possibility of unintentionally locking a key fob inside your vehicle, the "Passive Entry" system is equipped with an automatic door unlock function which will function if the ignition device is in the **STOP** position. If one of the vehicle doors is open and the door panel switch  is used to lock the vehicle, once all open doors have been closed, the system checks the inside and outside of the vehicle for any valid key fobs.

NOTE:

The vehicle automatically unlocks the doors under any of the following conditions:

- there is a valid key fob inside the vehicle;
- there is not a valid key fob outside the vehicle.

Passive Entry may be cause of lock a key fob inside your vehicle.

To minimize the possibility of unintentionally locking a key fob inside your vehicle, please see "Close and Lock with Key Fob inside the Vehicle" in "Open and Close the Boot Lid" chapter in "Before Driving" section.



NOTE:

The vehicle will not automatically unlock the doors under any of the following conditions:

- the doors are locked using the key fob;
- there is a valid key fob outside the vehicle and within 1 m (3.3 ft) of either "Passive Entry" door handle;
- twenty attempts are made to lock the doors using the door panel switch and/or the lower  button and then close the doors.

Release the Lid and enter the Boot

With the key fob within 1 m (3.3 ft) of the boot lid, press the button located between the licence plate lights:

- on GranTurismo, the boot lid will automatically open until fully home, if the same button is not pressed again to stop it (for more information, see chapter "Open and Close the Boot Lid" in this section).
- on GranCabrio, the boot lid will unlock to be opened manually (for more information, see chapter "Open and Close the Boot Lid" in this section).

If the vehicle had already been unlocked through key fob or "Passive Entry", the presence of the key fob is not required; simply use the button located between the licence plate lights to unlock or to open the power boot lid automatically.

Door Lock from Outside

- With one of the vehicle's key fobs beyond 1 m (3.3 ft) of the driver or passenger front door handles, all doors will lock.
- Touching the inside part of external driver/passenger door handle using the hand fingers, all doors will lock.

**NOTE:**

- You must wait two seconds before all doors will lock.
- The “Passive Entry” system will not operate if the key fob battery is dead.
- If the boot lid has been left open, it will stay open, and the locking function will only occur after the closing of the boot lid.

The vehicle doors can also be locked by using the key fob lock button  or the lock button  located on the vehicle's inner door panels.



Radio Frequency RKE Transmitter - Regulatory Information

The “Regulatory Information” for all the radio frequency and radar devices can be consulted by accessing the section “Services” on the website www.maserati.com.



Proximity System

The "Proximity" system is an enhancement to the vehicle's Remote Keyless Entry (RKE) system. This function allows you to lock the vehicle's door(s) without having to press the key fob lock and the external handle buttons.

- After three days of inactivity, the Proximity System turns off.
- For periods longer than three days, use the Passive Entry System or the key fob to lock or unlock the car (the wearable key is effective only with the Passive Entry System).

NOTE:

- Access and the key fob detection to the vehicle using "Proximity" system may not work properly in case of interference caused by external sources such as metal objects, mobile phones, overhead power lines, antennas, power chargers, etc. In these cases, use the buttons of the key fob to open and close the vehicle or the emergency key, inserting it into the driver side door lock.
- Parking the vehicle, please store the key fob at a distance farther than 6 m (6,5 yds) from the car to avoid unintentional and irregular (or not

standard) battery consumption (or battery electrical absorption).

Welcome Lights

This function allows the external lights to switch on when, having your key fob or wearable key, you enter the detection zone.

Walk Away Lock

Walking away from the vehicle, it will be automatically locked once you exit the walk away zone.

NOTE:

- Check by lights animation or by chime signal that the vehicle is locked.
- When a key fob is inside the detection zone, it may happen that the vehicle shows multiple lights animation.
- Deactivate this setting on the MIA screen (see chapter "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls") when leaving the car with other people or animals inside to prevent the activation of the alarm system.
- The system inhibits the Walk Away Lock together with the Welcome Lights after two close consecutive triggers of the Walk Away Lock. Use the Passive Entry or a valid key fob to reset these two functions.

- Walk Away Lock works when all doors are closed (boot lid included).
- Walk Away Lock will not lock the vehicle if the customer with the key fob or wearable leaves the detection area before the boot lid is completely closed.

NOTE:

Vehicle model, rooftop material, interposition of other vehicles, weather conditions and key fob/wearable key position may interfere with working distances.

Exiting the Car

Open a Door

Each door has a button on the interior panel that unlatch and opens it slightly and a handle that allows the user to open it completely. If the Auto Door Locks has been activated on the MIA screen (see chapter "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls"), pressing the button on the interior panel will unlatch all the doors; if the Auto Door Locks is deactivated, pressing the button on the interior panel will unlatch only the door you intend to open; the relative white LED will switch off after pressing the button.

Under certain conditions (battery charge status below 8 V or speed signal failure) if the door is locked, it can be opened pressing three consecutive times the internal or external button on the door within 2 seconds.

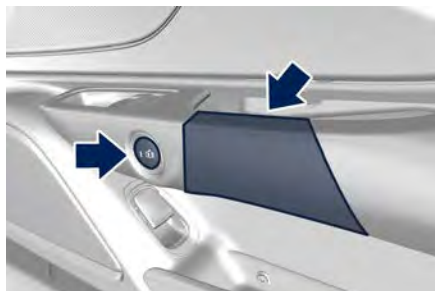
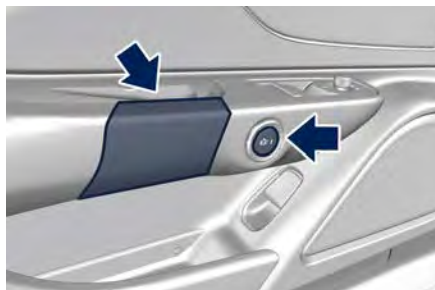
NOTE:

Press button three times in 2 seconds to open the door in motion at speeds above 5 km/h or 3 mph (to prevent spontaneous opening of the door while in motion). Otherwise the doors will open only when the vehicle speed is 0 km/h pressing the button for the first

time. In this condition the relative white LED will switch off after pressing the button.

Press button may be cause of lock a key fob inside your vehicle.

To minimize the possibility of unintentionally locking a key fob inside your vehicle, please see "Close and Lock with Key Fob inside the Vehicle" in "Open and Close the Boot Lid" chapter in "Before Driving" section.



Once unlatched, the door is opened partially and then, with a slight push with the internal handle, automatically rotates outwards.

For details on the manual door emergency opening of the door from the inside, see "Doors Security Locking" in this section.

Dead Lock Device (🔒)

This safety device inhibits the operation of the interior buttons of the car and the door lock/unlock door button. It thereby prevents the opening of the doors from inside the passenger compartment, serving as an obstacle to break-in attempts. We recommend that you activate the device each time you park your car.

Activating the Device

The device is activated on all doors by pressing button on the key twice in rapid succession or, for cars with Passive Entry, by pressing the lock button on the exterior handle of the car. The direction indicators flash 3 times to let you know that the device is active. If one or both doors are not closed correctly, the device will not activate, thus preventing a person from getting stuck inside the passenger compartment by entering the car through, and then closing, the open door.



Before Driving

Deactivating the Device

The device disengages automatically (pressing button on the key with remote control) when the ignition device is set to **ON** by pressing the door opening button on the outside handle. The horn is still active even when the ignition device is in the **STOP** position.

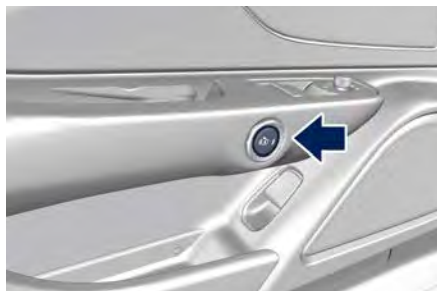
Reset

Resetting the door is automatic for a certain number of times after which it must be done manually using the pawl removing the cap and using the key inside the remote control (see paragraph "Remove the Emergency Key from the Key fob" in chapter "Keys" in this section for more details).



Door Opening from Inside - Discharged Battery

To release a door when the battery goes down or is dead, push the e-latch button 3 times to unlock the door.



Alternatively, to release a front door from inside, pull the manual door emergency handle located under the latch door button.



The door latch will then release, allowing the door to be partially opened before it automatically swings outwards.



WARNING!

Only use this handle when the battery has become discharged.

Doors Security Locking



WARNING!

- For personal security and safety in the event of an accident or robbery, lock the vehicle doors before you drive as well as when parking and leaving the vehicle unattended.
- When leaving the vehicle, always remove the key fob and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle.
- Do not allow children to be in a vehicle unattended. A child or others could be seriously or fatally injured. Children must not touch the parking brake trigger, brake pedal or the gear shift buttons.
- Do not leave the key fob in or near the vehicle, and do not leave ignition device in **ON** position. A child could operate power windows, other controls, or start the electric motors and the vehicle.

Doors Locking/ Unlocking

Power doors lock switches  and power doors unlock switches  are positioned on the door trim panel. Use this switches to lock or unlock the doors.



With the locking of all doors; every e-latch button LED on all doors will light on in white.

If the vehicle has been locked from inside with the above-figured switches, the charge door remains locked.

If boot lid has been left open, it will stay open when you press a lock button, and the locking function will only occur after the closing of the power boot lid.

The doors can also be locked and unlocked with the “Passive Entry”

system. For further information, see chapter “Passive Entry System” in this section.

If you press the power door lock switch while the ignition device is in **ON** position, and any front door is open, the power locks will not operate. This prevents you from accidentally locking the key fob in the vehicle.

Cycling the ignition to **STOP** position or closing the door will allow the locks of the doors and charge door to operate. If a door is open with the key fob inside the cabin and the ignition is in **ON** position, a beep will draw the driver’s attention.

Automatic Door Lock

The auto door lock function default condition is disabled. When enabled, the door locks will lock automatically when the vehicle's speed exceeds 24 km/h (15 mph). The auto door lock function can be enabled or disabled by the user through MIA setting functions (see chapter “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”).

Automatic Door Unlock on Exit

The doors will unlock automatically on vehicles with power door locks if:

- The automatic door unlock on exit function is enabled.



Before Driving

- The transmission is in N (Neutral) or P (Park) mode.
- The driver door is open.
- The vehicle speed is 0 km/h.

Set Automatic Door Unlock on Exit

To change the current setting, see chapter “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”.

NOTE:

Use the automatic door unlock on exit function in accordance with local regulations.

Seat Adjustment

Front Seats

Seats and seat belts are parts of the Occupant Restraint System (ORS) of the vehicle. For further information, see chapter “Occupant Restraint System (ORS)” in section “Understanding the Vehicle”.

The seats are equipped with a sensor that informs the SBR system about the presence of an occupant on the seat.

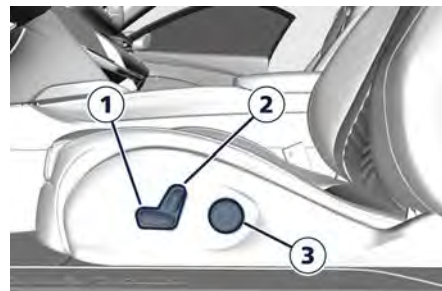


WARNING!

Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Front Power Seats

The power seats switches are located on the outboard side of the seat cushion. Use the front switch **1** to move the seat up or down, forward or rearward or to recline the seat cushion. Use the switch **2** to recline the seatback. Use the rear switch **3** to adjust the lumbar support.



Seat Forward/Rearward Adjustment

The seat can be adjusted both forward and rearward.

Push the seat switch **1** forward or rearward, the seat will move in the direction of the switch.

Release the switch **1** when the desired position is reached.

Seat Up/Down Adjustment

The height of the seat can be adjusted up or downward.

Grip switch **1** from the back side and push it down or up.

Release the switch **1** when the desired position is reached.



CAUTION!

If the seat's movement does not work, make sure that the corresponding fuse is not tripped (see chapter "If a Fuse Blows" in section "In an Emergency").

Seat Tilt Control (Rotation)

The angle of the seat cushion can be adjusted in four directions.

Pull upward or push the front of the switch **1**, to move the front cushion seat in the direction of the switch.

Release the switch **1** when the desired position is reached.

Seat Back Tilt Control

The angle of the seatback can be adjusted forward or rearward.

Push the seatback switch **2** forward or rearward, the upper seatback will move in the direction of the switch.

Release the switch **2** when the desired position is reached.

It is possible to manually fold the front seats through the lever on its side (see chapter "Rear Seats" in this section).

Power Lumbar

Push the switch **3** forward or rearward to increase or decrease the lumbar support. Push the switch **3** upward or downward to raise or lower the lumbar support.

Seat Bolster Control

The side bolsters of the seats can be adjusted from the Seats menu of the Comfort display.

Push the "+" or "-" control to adjust the opening of the bolsters.

Cushion Bolster Control

The side bolsters of the cushion can be adjusted from the Seats menu of the Comfort display.

Push the "+" or "-" control to adjust the opening of the bolsters.

Cushion Length Control

The cushion can be adjusted from the Seats menu of the Comfort display.

Push the "+" or "-" control to adjust the length of the cushion.



WARNING!

- **Never adjust the seat while driving. You could lose control of the vehicle. Moving the seat could distract you or make you press a pedal unintentionally.**
- **Seats should be adjusted before fastening the seat belts and while the vehicle is parked.**
- **Do not travel with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.**



CAUTION!

Do not place any object under a power seat or obstruct its movement as it may cause damage to the seat controls. Seat movement may become limited if there is an obstruction in the way.

Front Heated Seats

The front seats are equipped with heaters in both seat cushions and seatbacks.

The front seats heating is operated by the Comfort Display.

The seat comfort icons are always visible in the main page of the Comfort Display.



Before Driving

To activate and set the heating/ventilation functions of the front seats and the heating of the steering wheel, touch the related seats and wheel icons.



WARNING!

- **Persons with low skin sensitivity because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion or other physical conditions must be careful when using the seat heater. It may cause burns even at low temperatures, especially if used for long periods of time.**
- **Do not place anything on the seat that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated**

could cause serious burns due to the increased surface temperature of the seat.

Front Seats Heat Function

NOTE:

The electric motors must be running for the heated seats to operate.

If the function is not active (state "OFF"), the dynamic parts of the icon are grey: to activate the function operate in the following mode:

- Starting from the state "OFF", touch the driver or passenger seat soft-key once to select HI-level heating displayed by the seat icon with 3 arrows and 3 red lines.
- Touch the driver or passenger seat soft-key a second time to select MID-level heating displayed by the seat icon with 2 arrow and 2 red lines and a third time to select LO-level with 1 arrow and 1 red line.
- Touch the same soft-key a fourth time to shut off the seat heating.

NOTE:

- Once a heat setting is selected, heat will be felt within 2 to 5 minutes.
- The heating of the seat can start automatically when starting the electric motors under particular conditions (see "Functions of Settings

Menu on MIA" in section "Dashboard Instruments and Controls").

Front Ventilated Seats (MIA)

To enhance occupants comfort by high external temperatures, both the driver and passenger seats, on request, can be ventilated.

Small fans are located in the seat cushion and seatback, they draw air from the seat surface through fine perforations in the seat cover to help keep the driver and front passenger cooler when the temperature is high. The ventilated seats are operated with the Comfort Display.

The icons are always visible in the main page of the Comfort Display.



Front Ventilated Seats Function

NOTE:

The electric motors must be running for the ventilated seats to operate.

If the function is not active (state "OFF"), the dynamic parts of the icon are grey: to activate the function operate in the following mode:

- Starting from the state "OFF", touch the driver or passenger seat soft-key once to select HI-level ventilation displayed by the seat icon with the fan and 3 blue lines.
- Touch the driver or passenger seat soft-key a second time to select MID-level ventilation displayed by the seat icon with the fan and 2 blue lines and a third time to select LO-level with the fan and 1 blue line.
- Touch the same soft-key a fourth time to shut off the seat ventilation.

NOTE:

The ventilation of the seat can start automatically when starting the electric motors under particular conditions (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").

Front Neck Warmer (Scarf) Seats , only fo GranCabrio)

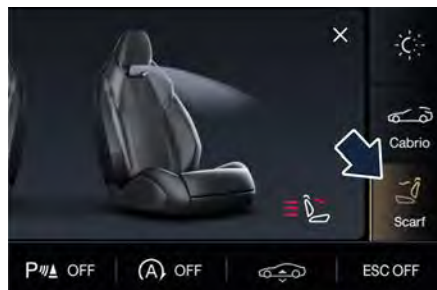
To enhance occupants comfort with the soft top open, in the presence of low

outside temperatures, both the driver's seat and the passenger seat, on request, can be fitted with neck warmers.

A vent is located between the headrest and the seatback, from which warm air blows, to help keep the driver's and front passenger's necks warmer when the outside temperature is low.

The neck warmer seats are operated with the Cabrio Menu.

The icons are always visible in the main page of the Neck Warmer Control Menu.



Front Neck Warmer (Scarf) Seats function

NOTE:

With the soft top open, the air supply and the temperature are adjusted depending on speed and outside temperature.

With the soft top closed, the adjustable levels are independent of the speed and outside temperature.

If the function is not active (state "OFF"), the dynamic parts of the icon are grey: to activate the function operate in the following mode:

- Starting from the state "OFF", touch the driver or passenger seat soft-key once to select HIGH-level neck warmer displayed by the seat icon with the flow and 3 red lines.
- Touch the driver or passenger seat soft-key a second time to select MEDIUM-level neck warmer displayed by the seat icon with the flow and 2 red lines and a third time to select LOW-level with the flow and 1 red line.
- Touch the same soft-key a fourth time to shut off the seat neck warmer.

Rear Seats

Rear seats can fit two passengers. Seats and seat belts are parts of the occupant restraint system of the vehicle.



Before Driving



WARNING!

Be sure everyone in your vehicle is in a seat and using a seat belt properly.

NOTE:

For further information, see chapter “Occupants Restraint Systems (ORS)” in section “Understanding the Vehicle”.

Access the Rear Seats

To access the rear seats, lift the lever on the outer side of the backrest and move the backrest forward.



The front seats are equipped with a function to facilitate access to the rear seats or exiting the vehicle.

NOTE:

The system incorporates a safety device which stops the seat travel and then moves it forward slightly when the seatback knocks against passengers

seated in the rear seats. To stop the seat when it is automatically moving forward or backward, operate any control.



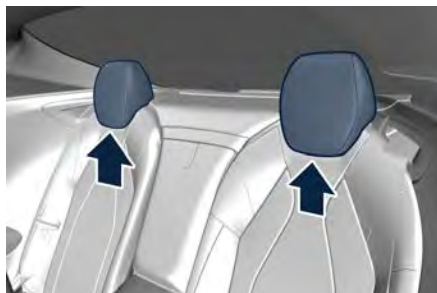
WARNING!

When the seatback is reclined forward or moved to the upright position, the front seat must not be occupied. Passengers shall get in or out of the rear seats only when the front seat is stopped. Take the greatest care to avoid that passengers on the rear seats (especially children) touch the seat and its guides when it is moving.

Head Restraints

Rear Head Restraints

Rear seats are endowed with fixed head restraints.



Memorize Front Seats Position

This function allows both seats to store up to three different memory profiles for easy recall through Seats menu on the Comfort Display. Each memory profile contains desired position settings for both seats, external side mirrors, power tilt and telescopic steering column and a set of programmed radio stations. Your key fob can also be set to recall the same positions by pressing the  button.

NOTE:

- Only one key fob can be linked to each of the memory positions.
- “Passive Entry” door handles cannot be linked to the memory function. Use either the memory recall soft-key or the key fob (if linked to the memory function) to recall memory positions 1, 2 or 3.

The memory seat soft-key is located in the Seats menu on the Comfort Display. The icons consist of three buttons: The M1, M2 and M3 icons which are used to recall either of three programmed memory profiles.



Memory Profiles Setting

NOTE:

Saving a new memory profile will erase an existing profile from memory

To create a new memory profile, perform the following:

- Cycle the ignition device to **ON**.
- Adjust all memory profile settings to desired preferences (i.e., seat, side mirrors, power tilt and telescopic steering column, and radio station presets).
- Long press and release one of the three memory soft-keys.

After these steps, the profile set will be memorized in the selected position.

NOTE:

Memory profiles can be set without the vehicle in P (Park), but the vehicle must be in P (Park) to recall a memory profile

Pairing Remote Keyless Entry Transmitter to Seats Memory

Your key fob can be programmed to recall one of three programmed memory profiles by pressing the button on the key fob.

NOTE:

This function can be enabled or disabled using the MIA system, refer to “Functions of Setting Menu on MIA” in section “Dashboard Instruments and Controls” for further information.

To program your key fobs, perform the following actions:

- Cycle the ignition device to **ON** position.
- Put the key fob on the spot inside the rear central tunnel compartment, under the armrest.
- Move the seat and/or the other adjustable devices in the position that you wish to memorize, or recall a previously memorized profile, pressing the corresponding memory "M1", "M2" or "M3".
- Press and release the desired memory soft-key "M1", "M2" or "M3" for 3 seconds.
- Press and release the button on the key fob.

To check if the system has memorized the correct profile, you can move the

seat and press the button: the seat will move to the memorized position.

Pairing Wearable Key Transmitter to Seats Memory

Your wearable key can be programmed to recall one of three programmed memory profiles following the procedure below.

NOTE:

This function can be enabled or disabled using the MIA system, refer to “Functions of Setting Menu on MIA” in section “Dashboard Instruments and Controls” for further information.

To programme your wearable key, perform the following actions:

- Cycle the ignition device to **ON** position.
- Cycle the ignition device to **ON** position.
- Put the wearable key on the spot inside the rear central tunnel compartment, under the armrest.
- Move the seat and/or the other adjustable devices in the position that you wish to memorize, or recall a previously memorized profile, pressing the corresponding memory "M1", "M2" or "M3".
- Press and release the desired memory soft-key "M1", "M2" or "M3" for 3 seconds.



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- Press internal lock switch on driver door panel within 10s.
- After lock press, user can remove from LF Antenna the wearable.

To check if the system has memorized the correct profile, you can move the seat and press the button: the seat will move to the memorized position.

Memory Position Recall

NOTE:

The vehicle must be in P (Park) to recall memory positions. If a recall is attempted when the vehicle is not in P (Park), a message will display in the instrument cluster.

To recall the memory settings for driver, press memory soft-key "M1", "M2" or "M3" on the Comfort Display or the  button on the key fob linked to memory position "M1", "M2" or "M3" with ignition device in **ON** position.

A recall can be cancelled by pressing any of the icons (M1", "M2" or "M3") during a recall. When a recall is cancelled, the driver seat, external side mirrors and power tilt and telescopic steering column stop moving.

A delay of at least one second will occur before selecting a new recall.

Power Windows

The window controls on the driver's door panel govern all the door windows.



There is a single window control on the passenger door trim panel, which operate the corresponding window. The window controls will operate only when the ignition device is **ON** position.

NOTE:

- The power window switches will remain active for up to 10 minutes after the ignition device is turned to the **STOP** position. Opening either front door will cancel this function. The time lapse can be set. See "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls" for further information.
- Frequent activations of the power windows could result in a temporary lock of their starters. In this case, wait a moment before a new activation.



WARNING!

Improper use of the power windows can be dangerous, even with the anti-pinch prevention system. Before and during activation of the power window, always check that the passengers are not exposed to the risk of injury both by the moving window and by personal objects that could be dragged or hit by it. Do not leave unattended children in a vehicle with a key fob inside. When getting out of the vehicle, always remove the key fob to prevent the windows being accidentally activated, posing a risk to passengers remaining onboard.

Auto-Down Function

The driver door power window switch and some model passenger door power window switches have an auto-down function.

Press the window switch to the second detent, release, and the window will go completely down automatically. To open the window part way, press the window switch to the first detent and release it when you want the window to stop. To stop the window from going all the way down during the auto-down operation, pull up on the switch briefly. On GranCabrio, when the front window is completely down, press the window switch to the second detent, release, and also the rear window will go completely down automatically.

Auto-Up Function with Anti-Pinch Protection

Lift the window switch to the second detent, release, and the window will go all the way up automatically.

To stop the window from going all the way up during the auto-up operation, push down on the switch briefly.

To close the window part way, lift the window switch to the first detent and release it when you want the window to stop.

NOTE:

- If the window runs into any obstacle during auto-closure, it will reverse direction and then go back down. Remove the obstacle and use the window switch again to close the window.
- Any impact due to rough road conditions or closing the door may trigger the auto reverse function unexpectedly during auto-closure. If this happens, pull the switch lightly to the first detent and hold to close the window manually.
- Frequent activations of the anti-pinch function could disable the auto-down and auto-up function of the windows. In order to re-activate this function proceed with a reset cycle as described in the next paragraph.



WARNING!

There is no anti-pinch protection when the window is almost closed. Be sure to clear all objects from the area before closing the window.

On GranCabrio, the rear windows are not equipped with anti-pinch and therefore do not have an auto-up function

Reset Auto-Up/Down

Should the auto-up/down function stop working, the window probably needs to be reset.

To reset auto-up/down, pull the window switch up to close the window completely.

Open and Close the Windows with Key fob and Ignition STOP

When the ignition device is in **STOP** position, windows can be opened or closed (only for GranTurismo) by pressing the buttons on the key fob.

On GranCabrio, closing the front windows by pressing the buttons on the key fob is possible only if the rear windows are completely closed.

Opening:

- press the button and release it;
- press a second time the button and keep it pressed until complete opening of the windows, if they were closed.

Closing (only for GranTurismo):

- press the button and release it;
- press a second time the button and keep it pressed until complete closure of the windows, if they were open.

Wind Buffeting

Wind buffeting can be described as the perception of pressure or a helicopter-type sound. Your vehicle may exhibit



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wind buffeting with the windows down. This is a normal occurrence and can be minimized. If the buffeting occurs, open the front windows together to minimize the buffeting.

Steering Wheel Adjustment

This function allows you to tilt the steering column upward or downward or to lengthen or shorten it in order to adjust the steering wheel to an optimised position.

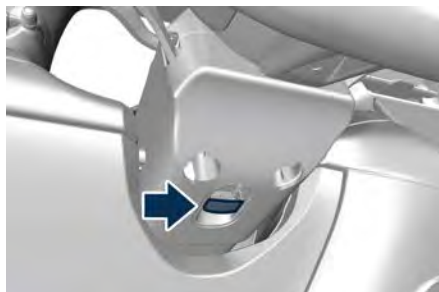
NOTE:

Make sure that the distance between your upper body and the steering wheel is at least 25 cm (10 in).

Power Adjustment

The power tilt/telescoping steering column/wheel switch is located on the lower side of the steering column.

To adjust the tilt upward or downward and the lengthen outward or inward of the steering column/wheel, move the switch up or down as desired.



NOTE:

You can use your key fob or the memory soft-keys on the Comfort display to return the tilt/telescopic steering column/wheel to programmed positions. See “Memorize Front Seats Position” in this section.



WARNING!

Do not adjust the steering column/wheel while driving. Adjusting the steering column/wheel while driving could cause the driver to lose control of the vehicle. Be sure the steering column/wheel is adjusted before driving your vehicle. Failure to follow this warning may result in serious injury or death.

Heated Steering Wheel

The steering wheel contains a heating element inside the rim that helps warm driver's hands by cold weather.

The heated steering wheel has only one temperature setting.

The heated steering wheel can be turned on and off using the Comfort Display as shown in picture.

Touch the steering wheel icon to activate the heating function.

**WARNING!**

- **Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion, or other physical conditions must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long periods.**
- **Do not place anything on the steering wheel that insulates against heat, such as a blanket or steering wheel covers of any type and material. This may cause the steering wheel heater to overheat.**

- The electric motors must be running for the heated steering wheel to operate.
- The heating of the steering wheel can start automatically when starting the electric motors under particular conditions (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").

If the function is not active (state "OFF"), the dynamic parts of the icon are grey: to activate the function operate in the following mode:

- Touch the heated steering wheel soft-key to turn on the function displayed by the steering wheel icon with the arrows and red line.
- Touch the heated steering wheel soft-key a second time to shut off the function: the dynamic parts of the icon turns grey.

Rear View Mirrors

External Mirrors

External mirrors can be adjusted electrically and are equipped with anti-mist resistors operated by the air conditioning system (see "Air Conditioning Controls" in section "Dashboard Instruments and Controls"). The mirrors can be closed electrically and will yield in both directions in case of a collision.

The external mirrors are electrochromic, which means, they automatically operate an anti-dazzle function by gradually shading as the light hitting the mirrors increases.

The external rearview electrochromic mirrors work in conjunction with the internal rearview electrochromic mirror.

NOTE:

- The mirrors can be adjusted electrically only with the ignition device in **ON** position.
- When the vehicle is started, the warning light shown in the picture will momentarily illuminate in both outside rear-view mirrors to let the driver know that the BSA system is operational. For more details see chapter "Blind Spot Assist - BSA" in section "Driver Assistance Systems".



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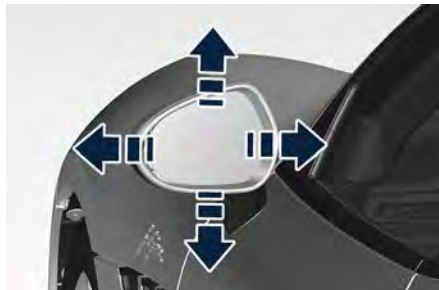
3



The external of the rear-view mirror support is equipped with LEDs, lighting up when the turn signals and vehicle entry/exit lights are activated. When the surround view camera system is installed, at the external bottom side of the rear-view mirror is the side view camera (refer to “Surround View Camera System” in section “Driver Assistance Systems”).

Mirrors Positioning

The power mirror controls are located on the driver's door trim panel. The power mirrors control consist of a mirror select inner ring and a four-way joystick switch.



To adjust a rear view mirror, rotate the inner ring on **L** (left) or **R** (right) position to select the mirror that you want to adjust. A dot LED on it will illuminate indicating which rear view mirror is activated and can be adjusted. Press the mirror joystick switch to the direction of the desired movement. For optimal vision orientate the outside(s) mirror(s) in order to frame the adjacent lane and get a partial overlap with the

visible image on the internal rear-view mirror.

Power mirror preselected positions can be reset by operating the memory driver seat device. Check “Memorize Front Seats Position” in this section for further information.



WARNING!

Vehicles and other objects seen in the external side convex mirror will look smaller and farther away than they really are. Use the inside mirror to judge the size or distance of a vehicle seen in the external side convex mirror.

Tilt Side Mirrors In Reverse

This function provides automatic external rear-view mirrors positioning, allowing the driver to view the ground area behind the front doors. The external mirrors will move slightly downward from the current position when the transmission is into (R) reverse mode. The external mirrors will then return to the original position when the transmission is moved out of the (R) reverse mode.

Each memory set of the driver's seat (see "Memorize Front Seats Position" chapter in this section) corresponds to a mirror tilt position in reverse.

NOTE:

The mirrors tilt in reverse can be turned on and off using the MIA system, refer to “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”.

Folding Mirrors

By selecting this function on MIA the rear-view mirrors automatically fold when the vehicle is locked by the key fob and when the power boot lid is closed and locked by pressing the button on the right ledge of the boot lid interior trim. When the vehicle and the boot lid will be unlocked and the ignition device is set in **ON** position, the rear-view mirrors will automatically open in the position they had before the lock. The switch for the power folding mirrors is located on the drivers's door trim panel.



With the inner ring in position **O** move it to position to fold the mirrors.

Turn the inner ring to position **L**, **R** or **O** to return the mirrors to the driving position. There is a way to make external mirrors automatically fold/unfold.

- If the function is available, it needs to be activated by MIA (refer to “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”).
- If the mirrors are automatically folded after the last lock action, then they will automatically unfold when the ignition device is set in **ON** position.
- If the mirrors were manually folded by the switch on the driver's door panel, before a lock action, they will need to be manually unfolded to reactivate the automatic function.

**CAUTION!**

Never retract or open the mirrors manually: it could damage the power mechanism.

Internal Rear-View Mirror

The position of internal rear-view mirror can be manually adjusted, and is endowed with an accident prevention release system operating in the event of a collision.

Internal rear-view mirror is electrochromic: this glare function is automatically deactivated in reverse to ensure maximum visibility of obstacles.

**CAUTION!**

To avoid damage to the mirror during cleaning, never spray any cleaning solution directly onto the mirror. Apply the solution onto a clean cloth and wipe the mirror clean.

“Mirror Dimmer” Function

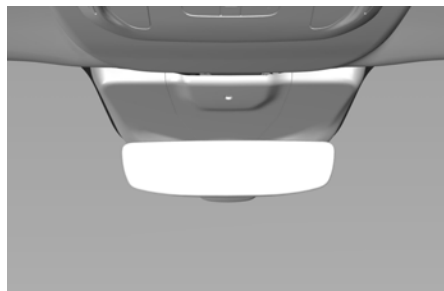
The internal rear-view mirror is equipped with an auto-dimming function.

Typical case is at night when the auto-dimming can be excessive (low reflectance). This function will increase the reflectance of the internal mirror, increasing visibility.



Before Driving

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Digital Internal Rear-View Mirror (📺, only for GranTurismo)

The digital internal rear-view mirror utilizes a rear-facing camera positioned on the roof top above the rear window and in-mirror display to project what's behind the vehicle, increasing visibility for the driver and aiding in all driving manoeuvres.



Before driving, place the mirror in "MIRROR MODE" by moving the central

switch at the base of the mirror to the vertical position. When in "MIRROR MODE", it is possible to manually adjust the position of the mirror to correctly display the image reproduced on it.

To activate the rear-view mirror in "DISPLAY MODE", move the central switch to the horizontal position, as shown in the figure.

NOTE:

When using the rear-view mirror in "DISPLAY MODE", it is advisable to direct the mirror in a proper direction to avoid the reflection of natural light on the display during projection.



When in "DISPLAY MODE", it is possible to adjust the brightness and the camera viewing angle by pressing :

1. 🌞 button;
2. left and right adjustment buttons.



To adjust the display brightness, press the 🌞 button to select the 🌞 icon. Press left adjustment button to darken or press the right adjustment button to brighten.

To adjust the camera viewing angle up or down, press the 🌞 button until the ⬆️ icon is selected. Press the left adjustment button to move the image downward or press the right adjustment button to move the image upward.



CAUTION!

To avoid damage to the mirror during cleaning, never spray any cleaning solution directly onto the mirror. Apply the solution onto a clean cloth and wipe the mirror clean.

Open and Close the Boot Lid

Opening



CAUTION!

On GranCabrio, when the soft top compartment cover is open, the boot lid could touch it and therefore be damaged during opening.

- When opening the boot lid, you must be extremely careful to avoid contact between the moving body parts.
- In the event of accidental contact between the moving body parts, avoid forcing the opening and stop opening immediately.

The boot lid can be unlocked from outside the vehicle by pressing the button  on the key fob twice within five seconds or by using the external release button located on the lower side of the boot ledge, between the license plate lights, when the vehicle has been unlocked using the key fob or the Passive Entry system..



The boot lid can be unlocked from inside the vehicle by pressing the release button on front dome console.



NOTE:

The transmission must be in P (Park) mode before the release button can operate.

Closing

Lower the boot lid and press to close it completely.

Power Boot Lid/Hands free Operation (, only for GranTurismo)

Automatic opening and closing movement of the power boot lid/Hands Free is driven by electric actuators and a motorised latch ensuring lid locking upon closing.

Power boot lid can be opened or closed from outside pressing twice within five seconds the button  on the key fob. When the button on the key fob is pressed twice, the turn signals flash



Before Driving

twice to indicate the opening or closing of the power boot lid.



The  button on key fob does not only allow user to completely open the power boot lid, but also to invert its movement by pressing twice the button again. The power boot lid opening can be also operated from inside the vehicle pressing the button on front dome console.



NOTE:

If the boot lid can not be opened from the front dome console, contact to the Service Network.

When the boot lid is opening, by pressing again the button, it is possible to stop the boot lid at any intermediate position and at this stage two cases are possible:

- by pressing and holding the button the boot lid will open again.
- by pressing one time + pressing and holding the button the boot lid will reverse the motion (closing).

The close operation from button on front dome console requires to press and hold the button. To stop the boot lid at any intermediate position, just stop pressing the button. After the boot lid is stopped in this way, two cases are possible:

- by pressing and holding the button the boot lid will reverse the motion (opening).
- by pressing one time + pressing and holding the button the boot lid will close again.

In addition to these commands, it is possible open and close the power boot lid/Hands free, or stop its movement, by simply moving your foot under the rear bumper, if the vehicle is so equipped with the kick sensor option. In this latter case, the boot lid will be opened and

closed only if the “Passive Entry” system acknowledges the presence of the key fob within 1 m (3.3 ft) of the boot lid. Power boot lid/Hands free uses the button in between the licence plate lights, indicated in figure, to activate the opening once the car has been unlocked by the key fob or by the “Passive Entry” function.



By pressing this button when the power boot lid is closed, you can open it completely, or by pressing the button again stop the opening process (after stopping, the boot lid enters in manual mode and can be only moved manually). While the boot lid is closing, by pressing this button, the boot lid can be stopped or by pressing the button again invert the movement and open it completely. When the power boot lid is open, to move it there are two buttons positioned

on the right side of the outer edge of the boot lid as indicated in figure.



When the boot lid is completely open if you press and release the left button , the power boot lid will be completely closed unless it is stopped;

- if instead the power boot lid is in an intermediate position and you press and release the left button  during the closing or opening stroke, it will be stopped;
- if instead the power boot lid is stopped in an intermediate position and you press and release the left button , it will reverse its previous movement and it will be completely opened or closed unless it is stopped again.

In any case, when you press the left button , the doors will not be locked and the alarm system will not be armed. When the boot lid is completely open if you press and release the right

button , the power boot lid will be completely closed unless it is stopped;

- if instead the power boot lid is in an intermediate position and you press and release the right button  during the closing or opening stroke, it will be stopped;
- if instead the power boot lid is stopped in an intermediate position and you press and release the right button , it will reverse its previous movement and it will be completely opened or closed unless it is stopped again.

In any case, after the right button  is pressed and the boot lid has reached completely closed position, then the vehicle will be locked and the alarm system will be armed, if a key fob or wearable activity key is detected outside the vehicle.

NOTE:

- The order of the functions shown does not represent the sequence in which they can be performed.
- The buttons of the power boot lid do not work if a gear is engaged or if the vehicle speed is higher than 0 km/h or mph.
- The power boot lid/Hands free system does not work with temperatures lower than -30°C (-22°F) or higher than 65°C (150°F).

- If the opening buttons or the handles are operated while the power boot lid/Hands free is closing, the stroke of boot lid stops. Pressing another time the same command it reverses movement and fully open.
- If the power boot lid finds an obstacle during the same operating cycle without reaching fully closed/open condition, it will stop automatically and must be opened or closed manually.
- If the power boot lid is closing and a gear is engaged, the boot lid will continue closing. In this condition, it is possible that, during the closing stroke, it may find an obstacle and stop.
- Pressing the  button on the right side of the outer edge of the boot lid, wait the complete closure of the boot lid to exit the walk away zone to have the function activation. Otherwise, press the  button on the right side of the outer edge of the boot lid to immediately walk away and to be sure of the vehicle lock (see "Walk Away Lock" paragraph in "Proximity System" chapter in this section for further information).



WARNING!

If, for any reason, the boot lid must remain open while driving, close all the windows and activate the fan of the air conditioning control at the maximum speed. Do not activate recirculation.

Close and Lock with Key Fobs inside the Vehicle

If the key fob and the wearable activity key are left inside the car and the  button on the outer edge of the boot lid is pressed to close and lock the vehicle, the system will not lock the car because it will detect them inside the vehicle.

If you voluntarily want to leave the key fob and the wearable activity key inside the vehicle, make sure to bring the emergency key with you (see "Remove the Emergency Key from the Key fob" in chapter "Keys" in this section).

Repeating three times the boot lid lock procedure pressing the  button on the outer edge of the boot lid, the system will accept the request as voluntary and will lock the vehicle.

NOTE:

- In this case the vehicle can be opened with the emergency key (see "Key fob Operation" in chapter "Keys" in this

section) or another key fob or wearable activity key not left in the car.

- Opening the vehicle with the emergency key will activate the alarm (see "To disarm the System" in chapter "Anti-theft Alarm Systems" in section "Understanding the Vehicle" for further information).
- The key fob left in the car can be rehabilitate with next lock  or unlock .
- The wearable activity key left in the car can be rehabilitate with next lock  or unlock  of another key fob.
- Besides using button on the outer edge of the boot lid, using RKE, PE and e-latches release button may happen lock the key fob inside the vehicle.

Set the Position of Maximum Power Boot Lid Opening

The maximum opening position of the boot lid can be modified using the previously described buttons on the right side of the outer edge of the boot lid.

1. Activate the boot lid and stop it in the new maximum opening position to be set, by pressing the left  button.
2. Press the left  or right  buttons and keep it pressed for 3 seconds.

3. Release the button (pressed in the previous point). Upon the following opening controls, the boot lid will stop in the stored position.

If you want to reset the maximum possible opening position of the boot lid, proceed as described below starting from the previously set opening position.

1. Manually push the boot lid to the maximum possible opening position.
2. Repeat the previously performed steps 2 and 3.

Power Boot Lid Automatic Safe Movement

Power boot lid safe opening and closing is ensured by a protection system able to stop its movement when an obstacle is detected along the path: when opening or closing, it stops automatically and then slightly moves back.



After the closing/opening command, when power boot lid starts closing/opening, all the indicators will blink and a chime will sound to warn anyone within range.

When power boot lid edge reaches the car body, the motor locking the latch is activated automatically.

If necessary, the power boot lid can also be opened or closed manually. This operation could be required when the boot lid remains open for a long period of time.

NOTE:

Frequent activations of the anti-pinch protection function may disable the automatic movement of the boot lid. To reactivate this function, perform a reset cycle by carrying out a complete opening/closing sequence, after manually closing the boot lid.

The system is able to stop its movement when an obstacle is detected or boot lid closing blocking happened by user along the path then the vehicle will be locked even if there will be valid key fob inside the vehicle.



WARNING!

- **Activate power boot lid/Hand free only when vehicle is at a standstill.**
- **Always pay utmost attention when opening and closing the boot lid. If for any reason the protection system might fail to respond, it could cause injury to anyone within the operating area.**
- **After the closing command, always make sure that power boot lid/Hand free is completely closed.**



CAUTION!

- Under extreme weather conditions, boot lid seal could freeze and compromise power boot lid automatic opening and closing.
- Before opening power boot lid, make sure that no objects or snow are set on boot lid or might jam or prevent its opening.

Hands Free Power Boot Lid Release and Closing

"Hands Free" mode is controlled by the "Passive Entry" system (see chapter "Passive Entry System" in this section), which automatically releases and closes the power boot lid when the foot is placed in the area under the rear bumper.

The system will only operate if the system acknowledges the presence of the key fob within 1 m (3.3 ft) of the power boot lid/Hands free.

The range of the sensors that detect your foot movement extends along and underneath the central portion of the rear bumper.

To activate the power boot lid, stand behind the vehicle, near the boot lid, and move your foot under the bumper as if to kick something. Do not place your foot too close to the bumper or touch the underbody.



WARNING!

When it is not necessary to open the power boot lid with the "Hands Free" mode, make sure the key fob is outside the range of use (1 m/3.3 ft). Otherwise, the power boot lid can be opened accidentally by an unintentional movement of the foot.



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NOTE:

During manual or automatic car washing, make sure the key fob is outside the range of use (1 m/3.3 ft).

In order for the sensors to detect your foot movement, move your foot towards the vehicle rather than sideways and immediately pull it back: from this moment, the Hands free will activate the power boot lid within two seconds. If closed, with the foot movement the Hands free will:

- unlock and completely open the power boot lid;
- after another kick, will stop the power boot lid;
- after another kick, will reverse its movement and completely close unless stopped again.

If open, with the foot movement the Hands free will:

- completely close the power boot lid but not lock the car;

- another kick before the completed closing can stop the movement;
- if the movement was stopped another kick operation will invert a complete opening.

NOTE:

- If your foot movement fails to activate the power boot lid movement through Hands free, wiggling your foot under the bumper will not help. Repeat the whole kick movement.
- In particular situations, external factors affecting the sensor area may trigger the power boot lid release function through Hands free. For example, when washing the vehicle, a water jet aimed at the sensor area may trigger the power boot lid release function through Hands free. Keep the key fob away from the sensing range of the sensors (3 m/10 ft). A key fob located in the front seat passenger area is considered out of range of the Hands free boot lid release sensor.
- If somebody or something knocks against the power boot lid while it is moving using Hands free, the safety system might stop lid opening or closing movement.

Boot Lid Emergency Release

If the power release control operated by the key fob or by pressing the button on the dome console fails, the vehicle

battery could be in a low condition or disconnected. If the doors are still locked, use the emergency mechanical key inserted in the driver's door lock to enter the vehicle and open the hood. In this condition, it is possible to temporarily power the system by using the battery remote poles located inside the front electric motor compartment (see "Auxiliary Jump-Start Procedure" in section "In an Emergency"). Then it is possible to normally unlock and open the boot lid by using the key fob or the button on the dome console. Have the vehicle subsequently serviced by a **Service Network** centre in order to solve the failure.

Emergency Exit form Inside the Boot



WARNING!

Do not allow children to have access to the boot compartment. Always close the boot lid when your vehicle is unattended. Once in the boot compartment, young children may not be able to escape. If trapped in the boot, children can die from suffocation or heat stroke.

If someone remains closed inside the boot accidentally, the boot lid can be opened from the inside by pulling the

phosphorescent indicated handle, located on the internal trim of the boot lid.



Open and Close the Hood



WARNING!

All the maintenance and care procedures that require to open the hood are conducted by Service Network (see chapter "Maintenance Procedures" in section "Maintenance and Care"). It is recommended to open the hood only to carry out the Auxiliary Jump-Start procedure (see chapter "Auxiliary Jump-Start Procedure" in section "In an Emergency").

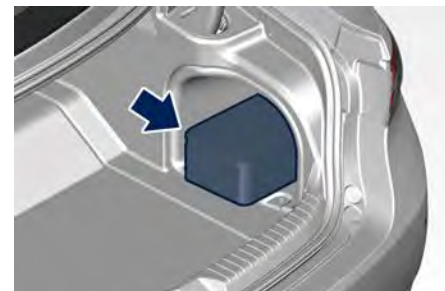
Opening

To open the hood follow these steps:

- Open the boot lid (see "Open and Close the Boot Lid" chapter in this section) and take the Allen wrench contained in the tire repair kit in the right side of the boot compartment.

NOTE:

If it is not possible to open the boot lid and take the Allen wrench contained in the tire repair kit, it is possible to use an alternative 10 mm Allen wrench.



- From inside the vehicle, remove the indicated cover located under the left lower side of the dashboard.



- Insert the Allen wrench in the hole and rotate it until the hood unlocks.
- Move to the outside and stand in front of the vehicle front grille.



Before Driving



- Slightly lift the hood and push the safety catch as indicated by the arrow. The safety catch is located in the centre of the hood.



- Lift the hood completely: this operation is facilitated by two gas struts keeping the fully open position.

With the ignition device in **ON** position, the red symbol  will display on the instrument cluster with the message indicating that the hood is open.

Closing

Lower the hood until it begins to drop under its own weight, then let it free fall until self-closes on the locks.

Check that the hood has engaged correctly in the locks.



CAUTION!

To prevent possible damage, do not slam the hood to close it.



WARNING!

- Be sure the hood is fully latched before driving your vehicle. If the lid is not fully latched, it could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.
- Gear shifting is always active and may be performed even when one or more

doors, the hood or the boot lid are open. Therefore, in these conditions, take great care to avoid pushing gearshift buttons and so accidentally engage gears.

Access the Glove Box Compartment

The glove box compartment on the dashboard passenger side may be used to store devices, small items or documents.



WARNING!

Do not operate the vehicle with the lid of glove box compartment in the open position. Store objects or devices in this compartment or in any other vehicle compartments, to ensure they will not move during the trip and prevent them from hitting any person on board.



CAUTION!

Do not place objects weighing over 10 kg (22 lb) in the glove box compartment.

To open the glove box, touch the indicated soft-key on the bottom bar of the Comfort Display.



The compartment is illuminated by a courtesy light when open (the light will automatically switch off when the compartment is closed).

Privacy Lock Functions

The glove box compartment in the passenger side is equipped with an opening/closing electric actuator that can be locked and unlocked via the MIA, by entering a 4-digit PIN code. These functions are useful for example when you have to leave the vehicle to another driver (for example, to valet parking). "Glove Box" function allow you to only lock the glove box and is available in the "Controls" menu of the "Vehicle" page and in the "Apps" page.

"Valet Mode" function is only available in the "Profiles" page and, in addition to lock the glove box, allows you to lock all the driver profiles for listening and guidance.

It is important to memorise and take note of the PIN since if it is lost, you must contact the **Maserati Service Network** that will reset this function.

NOTE:

- "Glove Box Mode" and "Valet Mode" can not be activated at the same time.
- "Glove Box Mode" and "Valet Mode" lock functions must be activated when the glove box is already closed. If you active one of these lock functions when the glove box is opened, the glove box will not close properly and will not lock.

Glove Box Activation Procedure

- Open "Controls" screen and touch "Glove Box" soft-key.



- Touch "Yes" soft-key in the function described screen to activate the function.
- Using the keypad, enter the four digits of the PIN and touch "OK". The system



Before Driving

prompts you re-enter the PIN code to confirm it.



NOTE:

- To activate and deactivate the function, the user has 10 attempts to type a 4 digit PIN before system cancels the deactivation. The user can try again in 30 minutes.
- If you do not enter all PIN digits, a prompt will indicate that you should do so.
- In case of incoming call while entering the PIN, the MIA system will temporarily stop the release function. As soon as the call is over, the keypad screen will be displayed again so that you can enter the PIN.
- Touch "OK" to activate the function. Glove box is now locked and the MIA will go back to "Controls" page. The soft-key on the bottom bar of the Comfort Display will change; the user will not be able to open the glove box

and a pop-up will be displayed on the Comfort Display.



Glove Box Deactivation Procedure

To unlock the glove box which has been locked with PIN code, touch "Vehicle" category soft-key and open the "Controls" menu.

- Touch the "Glove Box" soft-key to enter this page.
- Unlock glove box by entered the lock code as previously specified.
- Touch "OK" to deactivate the function.

Glove Box Manual Unlock

If battery is flat or there is a fail in the electric glove box opening, it is necessary to manually unlock the actuator on the upper side of the glove box in order to open the glove box that has been locked using the PIN code. To perform this operation you need to remove the right dashboard moulding

near the door to access the actuator unlocking lever.

Considering the complexity of this operation, we recommend you to contact the **Service Network**.

Valet Mode Activation Procedure

- Open "Profiles" screen and touch "Valet mode" soft-key.



- Touch "Yes" soft-key in the function described screen to activate the function.
- Using the keypad, enter the four digits of the PIN and touch "GO".

NOTE:

- To activate and deactivate the function, the user have 10 attempts to type a 4 digit PIN before system cancels the deactivation. The user can try again in 30 minutes.

- If you do not enter all PIN digits, a prompt will indicate that you should do so.
- In case of incoming call while entering the PIN, the MIA system will temporarily stop the release function. As soon as the call is over, the keypad screen will be displayed again so that you can enter the PIN.

"Valet Mode" activated will be indicated in the main status bar with a  lock symbol combined with the Profile icon. In this condition if user touch the Profile icon in the main status bar a popup will indicate that the function is not available in Valet Mode.

To Exit Valet Mode Function

To exit Valet Mode function touch the "Exit Valet Mode" soft-key in the "Welcome" pop-up at key on.

Deactivate the function by entering the lock PIN code as previously specified.

NOTE:

Valet Mode function cannot be deactivated while the vehicle is in motion.



Before Driving

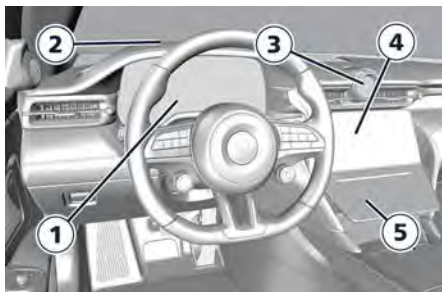


4 - Dashboard Instruments and Controls

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On-Board Instrumentation Overview



- 1 Instrument cluster
- 2 Head Up Display (HUD) (HUD)
- 3 Smart clock
- 4 MIA display
- 5 Comfort display

Responsible Use of Digital Instrumentation

Driver Distraction

The vehicle is equipped with feature-rich entertainment and communication systems that enrich the driving experience. These systems may include hands-free mobile phones, multipurpose audio and navigation systems, and also other portable electronic devices. If used improperly, any of these could cause a distraction.

It is the driver's responsibility to do everything possible to ensure his own safety, that of the passengers on board and that of other users sharing the road. Part of this responsibility is to avoid distractions, including driving activities that are not directly related to controlling the vehicle.

A responsible driver should never use these devices or any vehicle features that can distract him from the task of driving safely.



WARNING!

- **Distraction can cause serious accidents.**
- **Never use a mobile phone while driving. Some countries prohibit mobile phone use by a driver while the vehicle is moving.**
- **If the vehicle is in motion, never program audio system. Program radio presets only with the vehicle parked. To make radio use simpler and quicker, use the programmed presets.**
- **With active navigator, set and make changes to travel itinerary only when the vehicle is parked.**
- **While the vehicle is moving, never use portable computers or personal digital assistants.**

Operational Safety

The electronic systems that equip the vehicle interact with each other. Their tampering could cause malfunctions in other interconnected systems.

Such malfunctions could seriously endanger the operational safety of the car and that of the occupants.

Even modifications made to the car, if carried out incorrectly, can compromise its operational safety.

Instrument Cluster Overview

The vehicle is equipped with a full digital 12.2 inch instrument cluster with a display with anti-glare and antireflection surface treatment.

The user can interact with the instrument cluster only through the buttons located on the left spoke of the steering wheel (see “Controls on Steering Wheel” in this section).



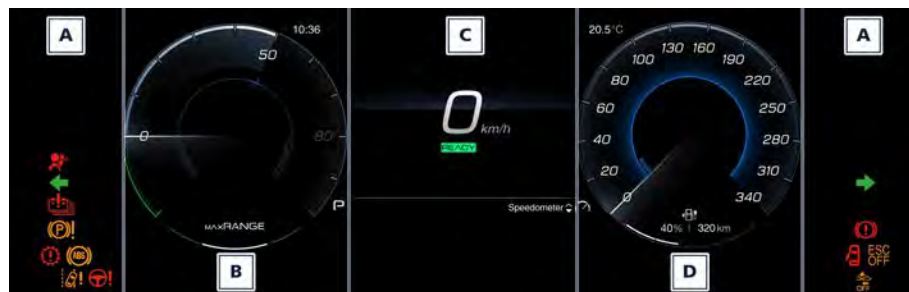
The layout of the instrument cluster consists of three active sectors. In the lateral ones **A** are only displayed the hard telltales, the central sector is configured with specific screen, depending on the drive mode selector position (see “Drive Mode” in section “Driving and Driver Assistance Systems”).

The central sector is divided into 3 macro areas (in the example of picture: MAX RANGE mode in classic layout).

B WIDGET area (quick actions, widgets, etc.).

C MAIN MENU area (speedometer, navigation, stored messages, etc.)

D ADAS area.



Central Sector Layout

The central sector is divided into many micro areas depending of the four cluster visualizations. The presence of some areas depends on the type of equipment and the target market.

The different layout of the central sector are rendered in the following list and pictures.

Areas List

The following list is valid for all drive mode layouts: some items may only be present in some layouts.

1 Main Screen

2a Powermeter dial

2b Speedometer dial

3a Customisable widget

3b ADAS widget

4 Digital Speedometer

5 Current gear indicator light

6 Drive mode

7a Dynamic bar of battery temperature (Corsa mode only)

7b Dynamic bar of state of charge

8a.1 Rear fog light indicator light

8a.3 Parking lights indicator light

8a.4 Low beams, auto low beams, high beams and auto high beams indicator lights

8b.1 Red warning lights rolling area

8b.2 Amber warning lights rolling area



- 8b.3** TPMS indicator warning light
- 8b.4** Front Seat belt reminder warning light
- 8c** Drowsy Driver Detection system activation light
- 8d** Turtle Mode activation light
- 8e** Active Lane Management deactivation light
- 8f** Forward collision warning light
- 8h** Active HOLD indicator light (displayed only at a standstill)
- 8r** Ready indicator light (displayed only at a standstill)
- 8s 1/2** Rear Seat Belt Reminder warning lights
- 9** Information bar
- 10a** Left reconfigurable area
- 10b** Right reconfigurable area
- 10t** Chronometer Feedback
- 11** Cruise Control (CC), Adaptive Cruise Control (ACC) and Speed Limiter (SL) function status
- 12** Traffic Sign Assist indicator light
- 15** Title Area
- 15b** Main screen icons
- 17** Lifter indicator light
- 19** Suspensions indicator light
- 20** Launch control indicator light (overwrites area 19 when in SPORT mode)
- 21** Max Boost / Endurance indicator light (overwrites area 6)

NOTE:

For the description of the contents that can be displayed on the instrument cluster, see “Instrument Cluster Settings and Menu Overview” in this section.



Classic Layout



Evolved Layout



Relaxed Layout



CORSA Layout

NOTE:

Classic, Evolved and Relaxed Layout can be selected by the Quick Actions Menu (see chapter "Quick Actions Contents" in this section). Corsa layout is only available selecting Corsa Drive Mode with the selector on the steering wheel (see chapter "Drive Mode" in section "Driving and Driver Assistance Systems").

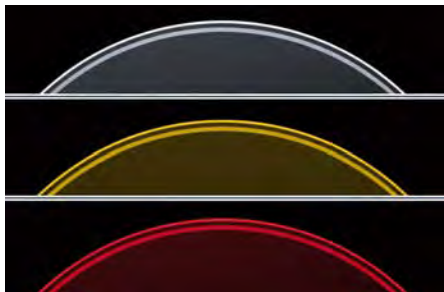


Instrument Cluster Pop Up Messages

Pop up position on instrument cluster

For every digital cluster visualization, pop ups are always displayed on the widget area, in the left part of the instrument cluster.

The display background may change according to the type of pop up message displayed:



- No colour: no telltale related message.
- Yellow colour: amber telltale related message.
- Red colour: red telltale related message.

Pop up Messages

This message type is displayed until the condition that activated the message is cleared or pressing any key on the left steering wheel spoke.

Pop up Messages with Ignition Device in ON

This message type is displayed until the ignition device is in **ON** position. An example of this message type is the one shown in picture.



Navigation Messages

When the navigation pop-up is enabled on the MIA screen it will be displayed in the widget area, in the left part of the cluster display, while changing direction or approaching a turning point. The navigation pop-up will be displayed outside the navigation main screen.

While approaching the turn, further pop ups will be displayed starting at 100 m (328 ft) from the turning point and the countdown to 0 meters.



While getting closer to a turn, the sections referred to the distance already travelled will switch off while the ones referred to the distance yet to be travelled will remain on.

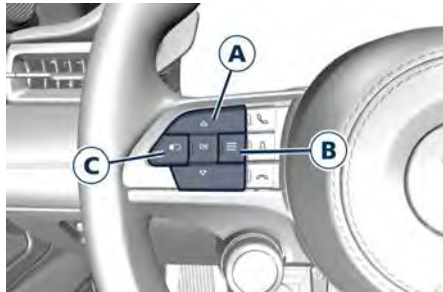
NOTE:

The distance indicated above the road name is expressed in the unit of measure set by the user.

Instrument Cluster Settings and Menu Overview

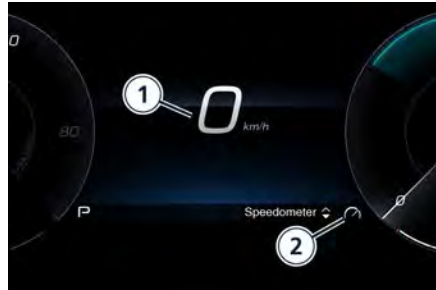
Setting Controls

Operate the controls on the left side of the steering wheel to scroll the main menu (A), the Quick Actions menu (B) and widgets (C).



Press and release the Δ or ∇ to scroll upwards and downwards the main menu titles.

The screen area in sector 1 (main area) will be updated after the selection of the title with graphical up/down arrow in sector 2 (main menu title).



Press OK, the main menu title will disappear and a contextual action will be displayed in sector 2 for about 15 seconds to help the user understand what is the available action.



To enter the Quick Actions Menu, click the $\equiv$ button.

An overview of the submenus is displayed in the left dial on the instrument cluster.

Scroll the different submenus with the Δ or ∇ button, choosing one of them with OK.

It is possible to exit Quick Actions Menu by pressing the $\equiv$, the widget or the phone down button.



To enter Widgets Menu, click the ☰ button.

An overview of the submenus is displayed with a number of timed-out dots, that correspond to the number of available widgets, in the left dial of the instrument cluster.

The number of widgets can be set from the MIA display.

The element with different colour represents the current page.

Click the ☰ button again to scroll all selectable widgets.



Widget cycles maintains last position after switching off the vehicle.

Main Menu Overview

- 1 Speedometer
- 2 Navigation
- 3 Performance
- 4 Driver Assist (🚦)
- 5 Stored Messages
- 6 Trip A
- 7 Trip B (Disabled by default. It is possible to enable it from MIA Display. See “Functions of Settings Menu on MIA” in this section)
- 8 Charging Screen Status (Default main screen only when car is plugged and user switch on the instrument cluster).

Quick Actions Overview

- 1 Recent Calls
- 2 Cluster Layout
- 3 Head Up Display (HUD) (📡)

Widget Overview

- Media/Radio
- G-Meter
- Compass
- Time and Weather
- Blank (no-widget)

Other widget can be enabled from the MIA Display (See “Functions of Settings Menu on MIA” in this section).

- Current Consumption
- Trip A/B
- Torque Management
- Tire Pressure

Main Menu Contents

1. SPEEDOMETER

Press and release the Δ or ∇ button until this menu item is displayed. Pressing the OK button the unit of measure will toggle between km/h or mph.



2. NAVIGATION

Press and release the Δ or ∇ button until this menu item is displayed. Pressing the OK button you can enter in zoom modality: short press Δ or ∇ arrows to zoom in or out step by step or long press the same buttons to continuously zoom in or out. Press OK again to exit zoom modality. This mode does not persist at next key cycle. Zoom levels and views are independent among cluster and MIA display, but map and instructions are all synchronized even with HUD.



Above the map the NIP (Next Instruction Panel) is displayed. It is composed by:

1. Turn arrow
2. Distance to next turn
3. Road number
4. Exit number
5. Towards Name
6. Lanes (only if present)



NOTE:

- Using Apple Carplay™, Android Auto™ or Baidu Carlife™, the native map is not

available on the instrument cluster. A pop-up message will inform the user that the map is available only on MIA display.

- If the map has not loaded yet on MIA display, a loading screen will be displayed on the instrument cluster. After 30 seconds an error loading map message will appear.

3. PERFORMANCE

Press and release the or button until this menu item is displayed. Performance page contents automatically changes according to the selected drive mode.

- In Max Range Drive Mode, Current and Average Consumption are displayed. Instantaneous value of the last 20 minutes trip, according to currently selected unit of measurement, is visualized both in numbers and with a bar graph. In the first minute of trip, numbers are substituted by dashes. Values can be reset with a long press of the OK button on the steering wheel, when visualising the Consumption History bar graph.



- In GT Drive Mode, Consumption History is displayed. This screen is composed by a consumption bargraph and an instantaneous consumption bar (vertical) on the right. The consumption trend is visualized with many samples from right to left, each sample is a column; the closest column to instantaneous consumption always represents the most recent value and is filled with a lighter colour than the other columns. The horizontal line represents the average consumption.



Dashboard Instruments and Controls

4



• In Sport Drive Mode, sport gauges (Brake, Power and Battery Temperature) are displayed. Brake and Power gauges represent the current position of brake and gas pedal and they are expressed in 0-100 % scale. The battery temperature is white coloured if in normal operating ranges; it becomes red and is shown with a pop-up message if it is too high.

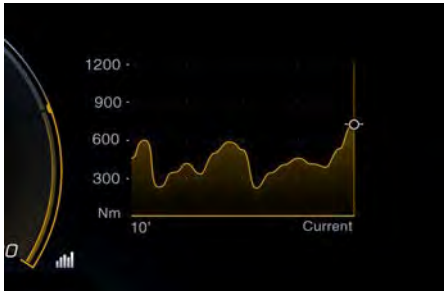
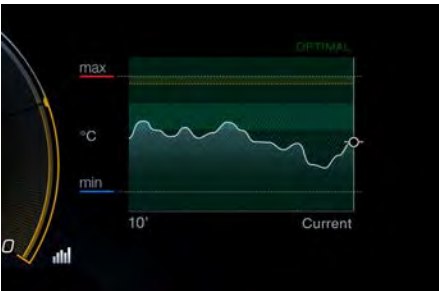


Acting on the MIA display, alternative sport gauges (Front Motor, Right Rear

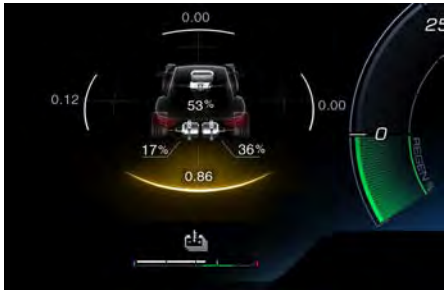
Motor and Left Rear Motor) can be displayed. They are all represented in white bars.



• In Corsa Drive Mode, Sport bar graphs (Battery Performance or Torque) are displayed pressing and releasing the Δ or ∇ button. This screen is composed by a bar graph and an instantaneous bar (vertical) on the right.



Acting on the MIA screen (see “Functions of Drive Mode Menu on MIA” in this section), Max Boost or Endurance can be activated to highlight two different green optimal areas on the battery temperature performance bar graph. Also the battery performance indicator on the bottom left of the screen, visible only in this drive mode, will have a green area to highlight the optimal performance ranges.



- In Sport and Corsa Drive Mode, pressing the OK button on the steering wheel, the Lap Time menu is displayed. The user can scroll the list and choose the lap recording type (no sector, two sector, three sector) or the lap history.



At the same time, when in lap time menu, the chrono content overlaps the current smart clock theme with the following visualization:



In the recording page, the timer starts pressing OK. According to the number

of sector chosen, pressing OK when the timer is already started, the system records an intermediate time. Holding the OK button, the timer stops. Last Time and Best time are always displayed in the submenus.



At the same time, when in recording page, the chrono content overlaps the current smart clock theme with the following visualization:



When the time recording is active, a specific chronometer icon is displayed on the instrument cluster.



Every time a lap/sector time is taken the relative time gap is shown in overlay on the Smart Clock. Gap value is calculated comparing the time taken when a sector/lap is completed with the sector/lap of the best lap time of the session. Gap is not shown during first lap. Gap information is coloured in green when the time is lower/better, in red when is higher/worst.

NOTE:

When the numerical Gap value is shown on the smart clock, the label “T1”, “T2” or flag-icon is shown to indicate to what the Gap is referred to.



4



Also the progress bars in the recording page follow the same colouring system of the smart clock gap. Holding the OK button again, if at least one lap has been recorded, the user can chose to resume to continue his session or watch the session history.



4. DRIVER ASSIST

Press and release the  or  button until this menu item is displayed. Driver Assist page displays the current status of ACC, BSA, Active Lane Management and Active Driving Assist if these functions are available on the vehicle. ADA can be visualized into the speed dial or in the main menu screen.

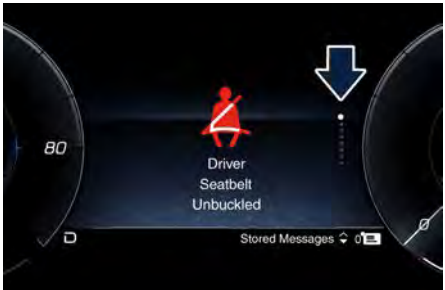
NOTE:

Active Driving Assist is not visualized when Corsa Drive Mode is selected. For further information see also “Driving and Driver Assistance Systems” section in this manual.



5. STORED MESSAGES

Press and release the  or  button until this menu item is displayed. Press the OK button on the steering wheel to enter the scroll mode as visualized on the screen. Scroll among messages with  or  arrows; a vertical pagination is displayed with a number of dots that corresponds to the messages contained in the menu. To exit the scroll mode, press OK again.



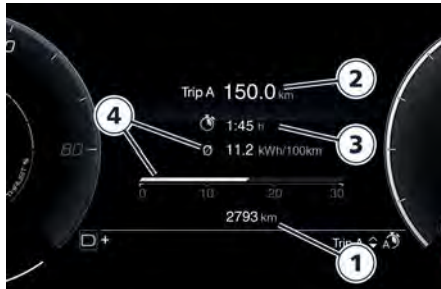
6-7. TRIP A / TRIP B (when active)

Press and release the $\triangle$ or ∇ button until this menu item is displayed.

Trip displays data of user's voyage. Trip A format is identical to Trip B except for the fact that Trip A is set as default, Trip B not (It is possible to enable it from MIA Display. See "Functions of Settings Menu on MIA" in this section). The trip area displays the following parameters:

1. Total odometer
2. Trip distance (*)
3. Trip timer (*)
4. Average trip consumption (*)

(*) These values can be reset holding the OK button on steering wheel.



8. Charging Screen Status

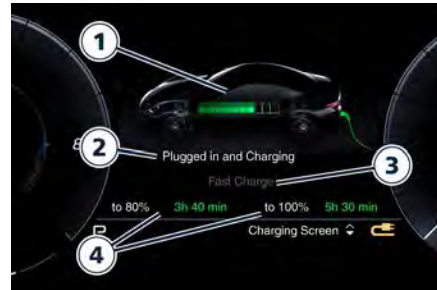
Press and release the $\triangle$ or ∇ button until this menu item is displayed.

NOTE:

This main menu is always visible at every key-on after a wake up animation (for further information see chapter "Charging" in section "Driving and Driver Assistance Systems").

The charging area displays the following parameters:

1. Vehicle charging animation
2. Plug text
3. Charge type
4. Estimated time to charge



When the vehicle is plugged-in and charging, also the Smart Clock will show charging information, if set with the Comfort Display (see "Smart Clock" chapter in this section). The clock will show battery percentage, battery range and a green filling graphic.



Quick Actions Contents

1. RECENT CALLS

Press and release the $\triangle$ or ∇ button until this menu item is displayed. Pressing the OK button a list should appear presented in chronological order with latest call as first, regardless of the call category.

NOTE:

- In case no recent call are present, the first element of the list is filled with a “No recent calls” message.
- In case no phone is connected, the first element of the list is greyed and filled with a “No phone connected” message.

During multiphone connection, information available in cluster depends on phone priority defined on MIA display; favourite phone information will be displayed. “Phone name” will be also displayed below Recent call.

In Recent Calls list, the entries should start with an icon showing the call type (incoming, outgoing or missed), followed by the CID (Caller ID): contact name, “private number - unknown ” or phone number (if contact name unavailable). On the second line is displayed the time or the date of the call.

NOTE:

- Missed calls should display “Missed Call” message before the time.
- Private calls will not have pressable areas on line items because user can not call back the unknown number.



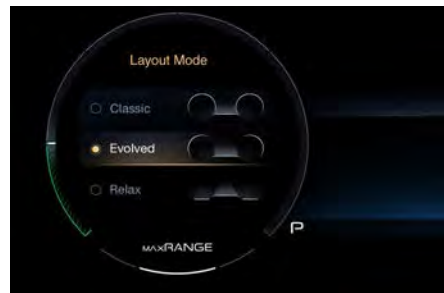
NOTE:

- If the user selects a recent call, the call shall start without further confirmation.
- If the user access Quick Actions menu when a call is active, Recent Calls menu item is greyed.

2. CLUSTER LAYOUT

Press and release the $\triangle$ or ∇ button until this menu item is displayed. Cluster layout allows the user to reconfigure the elements on the screen according to 3 different layouts:

- Classic
- Evolved
- Relaxed



3. HEAD UP DISPLAY (HUD)

Press and release the $\triangle$ or ∇ button until this menu item is displayed. Head Up Display can be activated ON/OFF (both from Quick Actions menu and MIA display). The Head Up is a type of display that allows driver to see instrument panel data projected onto the windshield without taking their eyes off the road which helps to reduce the risk of distracted driving.



There are three HUD layouts that can be selected only from MIA Display:

- Standard: Digital speed, Traffic Sign recognition and simplified map (with next instruction panel if the navigation is on) are displayed.
- Simple: Digital speed and Traffic Sign recognition are displayed.



- Advanced: Digital speed, Traffic Sign recognition and simplified map (with next instruction panel if the navigation is on) and ADAS widget are displayed.
- A fourth layout, not selectable on the MIA screen, is only available in "Corsa" drive mode:
- Corsa: Digital speed and Corsa RPM are displayed.



Simplified map is actually a simplified, less detailed version of the map that can be displayed at the same time on the Digital Cluster and on the MIA display. All the information displayed in the HUD display is not in a mutually exclusive relationship with the information displayed in the Digital Cluster. Therefore, when a function is displayed in the HUD display as well as in the Digital Cluster, it shall be persistent on both sides, except for voluntary action of removal by the user.

NOTE:

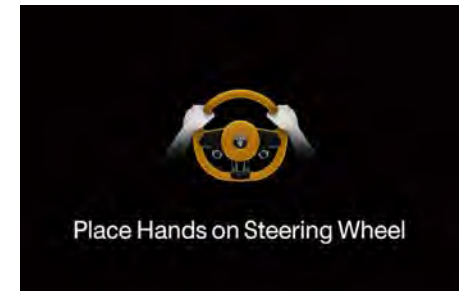
- The brightness of the Head Up Display (HUD) automatically changes with the environmental conditions.
- Otherwise brightness and height of the Head Up Display (HUD) can be set on the MIA display (see chapter "Functions of Settings Menu on MIA" in this section).

Adas contents

ADAS contents displayed on the Head Up Display are:

- Forward Collision Warning (car and pedestrian warning)
- Intersection Collision Assist
- Traffic Sign Recognition
- Active Driving Assist and ACC/CC
- Active Lane Management / Lane Departure Warning

ADAS visualization on HUD shall follow the same visualization of the Driver Assist Screen or the ADAS widget. When a function is displayed in the HUD it shall remain visible in the Cluster display as well. HUD shall display also visual warning for braking event phase and for hands not detected on the steering wheel.



Valid for ADA



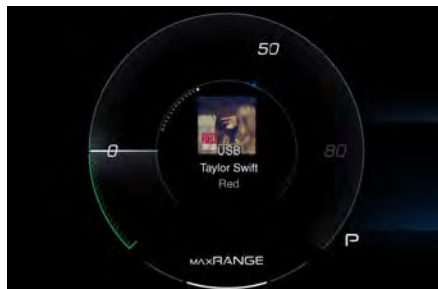
Valid for ADA and ALM

Widgets Contents

MEDIA

Media widget displays Android Auto™, Apple Carplay™, Baidu Carlife™ and Amazon Alexa™ devices connected via Bluetooth or USB. Screen titles will follow these priorities:

- Album Art
- Source
- Artist (if available)
- Song name



The screen will be updated at the start of each new song; available information will depend on the song. Buttons on the rear of the steering wheel are effective on Media. If the selected widget is different from the Media/Radio widget, no feedback is provided when the user changes track / station.

NOTE:

- When the source is "unknown" or not defined, a dedicated icon will be displayed in the applicable rows.
- If pieces of information are missing, "unknown" will be displayed for those items.
- If audio is muted, all info is hidden and the dedicated "Music Muted" icon is shown.

When no external device is connected, Media widget is replaced by the Radio one which displays FM, AM or DAB radio information following these priorities:

FM:

- Station Name (or frequency)
- Artist (or whatever information is displayed in the radio in place of it)
- Song name (or whatever information is displayed in the radio in place of it)

AM:

- Frequency

DAB (DAB+):

- Station Name
- Artist
- Song name (or whatever information is displayed in the radio in place of it)



Buttons on the rear of the steering wheel are effective on Media. If the selected widget is different from the Media/Radio widget, no feedback is provided when the user changes track / station.

NOTE:

If audio is muted, all info is hidden and the dedicated "Music Muted" icon is shown.

G-METER

G-Meter content shows the acceleration with the vertical and horizontal values.

G-Meter are shown in two different layout:

- Base layout for GT, Max Range and Sport drive mode
- Corsa layout for CORSA drive mode

The G-Meter widget contains the following information:

- Halo (current real time acceleration)

- Peak Values (at four sides, shown only when the lateral acceleration overcomes the threshold value)
- Outermost ring (blinking feedback)
- Power release by each electric motor (Corsa mode only)



Filling of the halo is related to the real time acceleration value and it fills from the centre to the edge in the direction of the acceleration.

The max peak value is updated in real time with the highest value received, when the acceleration overcomes the threshold value, and it is shown on the screen for a timeout. Max peak value can be replaced by a new peak value if the acceleration overcomes the last peak value in the same direction. More than one peak value can be displayed at the same time.

Only in CORSA drive mode it is present a graphical arc notch inside the circle for each of the four peaks direction. Every arc notch has to move (from centre to the edge) following the relative peak numerical value. The arc notch should appear if the value is above the threshold and disappears if timeout expires and the value is below the threshold.



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When the peak visualization timeout expires and the acceleration is below the threshold:

- In Max Range, GT and Sport the values textbox should be blank.
- In CORSA drive mode the values textbox shall show "0.00" and the relative arc notch should disappear.

When the acceleration end-scale is reached the outermost ring will blink.



NOTE:

When the internal signal is equal to 0 or Fail status, the G-meter visualization shall be as the acceleration equals to 0 condition (no digits) and no coloured halo/notch shall be shown. For the base layout the peak values shall be not shown; In CORSA mode, with CORSA layout, has to be shown dashes instead of digits.

COMPASS

The compass widget contains the compass pictogram and cardinal coordinates. The whole graphic shall be rotated based on the rotation angle.



NOTE:

If the compass is not available, the area displays dashes "—".

TIME and WEATHER

Time and Weather widget contains the following information:

- Time: the time value will be XX (hours information): XX (minutes information); 12h or 24h format are selectable on MIA display.
- Date: the date value will be XX/XX/XX. In setting on MIA display user can choose one of the three identified menus: DD/MM/YY - MM/DD/YY or YY/MM/DD. The format on the cluster display must be aligned with the one on MIA display.

- External Temperature: the temperature value will be XX.X ° when it is displayed in Celsius format, no decimals are foreseen when the temperature is expressed in Fahrenheit format (XX°)



BLANK (no-widget)

No graphical item is displayed in the left dial on the instrument cluster.

No matter how many enabled widgets are, the blank position is always the last.



CURRENT CONSUMPTION

Consumption instantaneous value, according to currently selected unit of measurement, is visualized both in numbers and with a bar graph. The average value, based on Trip A, can be substituted by dashes “---” after a reset or if data are not available.



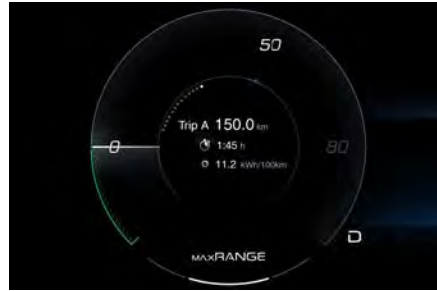
When speed is equal to 0 km/h or when the accelerator is not pressed or if the signal is not available, the gauge is empty and the instantaneous value is represented as dashes “---”. Exceeding the maximum scale limit, the instantaneous numerical value shall be at least the upper limit of the scale.

TRIP A / TRIP B (when active)

Trip displays data of user's voyage. Trip A format is identical to Trip B except for the fact that Trip A is set as default, Trip B not (It is possible to enable it from MIA Display. See “Functions of Settings

Menu on MIA” in this section). The trip area displays the following parameters:

- Trip A or Trip B label
- Trip distance
- Trip timer
- Average trip consumption



NOTE:

- Distance, elapsed time, average consumption and average speed can be reset only on Main Menu Screen. After a reset, or if the signal is not available, the value of the related items should be replaced with a dash “-” for each digit, except for the elapsed time that will restart from 00:00.
- Cluster displays “- -” in place of value for Average Trip consumption and Trip Distance if cluster does not receive signal.

TORQUE MANAGEMENT

Instantaneous electric motors torque is represented by the filling of the gauge

near each wheel. If the signal is not available the graphic is greyed out.

The widget shall have 100% of torque on the front axle (50% for each wheel) and 100% on rear axle (50% maximum for each rear wheel) as a maximum value. The rear axle shall have different torque on each rear wheel. The arrows shall follow the current Torque value (example: if torque is 0, no arrow is shown).



TIRE PRESSURE

Tire Pressure page shows the current inflation of each tire. The units of measurement will be converted coherently with the current settings (see “Functions of Settings Menu on MIA” in this chapter). If a warning on a tire is present, the corresponding tire will be yellow highlighted with the current underinflated pressure value.



Warning and Indicator Lights

Hard Telltales

Following telltales are displayed on the lateral sectors of the instrument cluster.

Air bag Warning Light



This warning light will illuminate for a few seconds for a bulb check when the ignition device is in **ON**. If the light does not illuminate while starting the electric motors, stays lit, or switches on while driving, have the system checked at the **Service Network** as soon as possible.

For further information, see chapter "Supplemental Restraint System (SRS) - Airbags" in section "Understanding the Vehicle".



WARNING!

If the warning light remains **ON** or if it does not illuminate or illuminates while driving, contact your **Service Network** as soon as possible.

800 V Traction Battery Fail



This warning light lights up to report a failure of the 800 V high voltage battery.

This warning light also lights up with a message on the instrument cluster.

In these cases, contact the **Service Network** as soon as possible.

Transmission Failure Warning Light



This warning light illuminates in red, together with a buzzer warning, to indicate that the transmission is faulty. In this case, stop the vehicle and contact the **Service Network**.

Electric Power Steering Failure Warning Light



This warning light illuminates when the electric power steering is not operating and needs service.

If the warning light is on, steering assistance may be not available.



WARNING!

After battery disconnection event, the warning light may be on. In this case, start the electric motors and perform a steering wheel stroke to bottom in both senses.

If the problem persists, contact the **Service Network**.

Brake Warning Light



This warning light monitors various brake functions, including brake fluid level and parking brake engagement.

If the brake warning light illuminates the parking brake may be engaged, the

brake fluid level may be low or a problem with the anti-lock brake system (ABS) reservoir may have occurred. In all the above situations, a related message will be displayed. If the warning light still illuminates when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder reservoir, there could be a brake hydraulic system malfunction or a problem with the brake booster detected by the ABS/ESC system. If this occurs, the warning light will remain lit until the problem has been solved. If the problem concerns the brake booster, the ABS pump will run when engaging the brake and a brake pedal pulsation may be felt during each stop of the vehicle. Inefficiency of one of the dual brake system cycle is indicated by the brake warning light, which will turn on when the brake fluid level in the master cylinder has dropped below a certain level. The warning light will remain lit until the problem has been solved. If the brake warning light flashes for 10 seconds with the electric parking brake warning light and the related message on, an EPB system failure has occurred. If a brake failure occurs, visit the **Service Network** as soon as possible in order to check up the brake system. In the event of an

Electronic Brake Force Distribution (EBD) failure, both the brake warning light and the  ABS light illuminate. Immediate repair of the ABS system is required. Functioning of the brake warning light can be checked by turning the ignition device from **STOP** to **ON** position. The warning light should illuminate for approximately 2 seconds. The warning light should switch off unless the parking brake is engaged or a brake fault is detected. If the warning light does not illuminate, have the light system overhauled by the **Service Network**.

The warning light will also switch on when the parking brake is engaged with the ignition device in **ON** position. This light only indicates the brake is engaged but not the clamping force of the parking brake to the wheels.



WARNING!
Driving a vehicle with the red brake light on can be very dangerous. Part of the brake system may have failed, resulting in increased braking distances and the risk of an accident. Have the braking system checked as soon as possible at the **Service Network**.

Door Ajar Indicator Light



This indicator light illuminates on when one or more doors are ajar or not properly closed. When one or more doors are open, a related message will be displayed if the vehicle is running at a speed of 8 km/h (5 mph) or faster.

Electric Parking Brake Failure Warning Light



This warning light and related message illuminate when there is an EPB system failure. The failure could also completely or partially block the vehicle because the parking brake could remain on even after it has been automatically or manually disengaged through its controls. If it is still possible to use the vehicle (parking brake not engaged) drive to the nearest **Service Network** and remember to perform each operation/command during which the electric parking brake does not work.

Anti-Lock Braking System (ABS) Malfunction Warning Light



This warning light, and its related message, indicate possible malfunctions of the Anti-Lock Brake System (ABS). The warning light will turn on when the ignition device is in **ON** position and may stay on for 4 seconds. If the ABS warning light remains lit or turns on



while driving, the Anti-Lock portion of the brake system is not functioning and requires service. However, the conventional brake system will continue to operate normally if the  warning light is switched off. If the ABS warning light turns on while driving, or if it does not switch on when the ignition device is in **ON** position, please visit as soon as possible a **Service Centre** in order to restore the Anti-Lock brakes functions.

Active Lane Management (ALM) Fault



This warning light on indicates that the ALM system is in fault. If the warning light and the relevant message do not go off after a few manoeuvres and eventually an ignition cycle, contact the **Service Network**.

Electronic Stability Control (ESC)

Activation/Malfunction Indicator Light



The ESC activation/malfunction indicator light on the instrument cluster will display when the ignition device is in **ON** position. It should switch off by starting the electric motors. If the light stays on with the electric motors running, there is a malfunction in the ESC system. If the light still stays on after several ignition cycles, and the vehicle has been driven for several kilometres at more than 48 km/h (30 mph) speed, visit the

Service Network as soon as possible to have the problem diagnosed and restored.

NOTE:

Each time the ignition device is in **ON**:

- The ESC OFF indicator light and the ESC activation/malfunction indicator light illuminates temporarily.
- The ESC system will be on, even if it was turned off previously. The ESC system will make buzzing or clicking sounds when active. This is normal; the sounds will stop when ESC becomes inactive by solving the problem that caused the ESC activation.

Electronic Stability Control (ESC) OFF Indicator Light



This indicator notifies that the Electronic Stability Control (ESC) is disabled; the linked message will be displayed.

Forward Collision Warning (FCW) Off



This warning light informs the driver that FCW is disabled. This might occur when front sensor and/or the ACC/FCW system sensors are malfunctioning and need cleaning or servicing and when ACC/FCW system is not available due to a system error (for further details, refer to "Adaptive Cruise Control - ACC" in section "Driving and Driver Assistance Systems").

This warning light will light even when the activation of another driver assistance function disables the FCW.

Left Direction Indicator Light



This indicator lights up when the left direction indicators or the hazard lights are turned on.

The indicator light will flash at the same frequency of the direction indicators and is controlled by the left multifunction lever.

If the indicator flashes at a fast rate, check for a defective exterior light LED.

Right Direction Indicator Light



This indicator lights up when the right direction indicators or the hazard lights are switched on.

The indicator light will flash at the same frequency of the turn indicators and is controlled by the left multifunction lever behind the steering wheel.

If the indicator flashes at a fast rate, check for a defective exterior light LED.

Soft Telltales

Following telltales are displayed in the central sector of the instrument cluster.

Charging System Warning Light



This warning light shows the status of the electrical charging system. If the light stays on or comes on while driving, turn off some of the vehicle's non-essential electrical devices or increase electric motors

speed (if at idle). If the charging system warning light remains on, it means that the vehicle is experiencing a problem with the charging system. Require **IMMEDIATE** service at the **Service Network**. If jump starting is required, refer to "Auxiliary Jump Start Procedure" in section "In an Emergency".

SOS Call Battery Failure Warning Light



This warning light shows the status of the SOS Battery System. If the charging system warning light remains on, it means that the vehicle is experiencing a problem with the charging system. Require service at the **Service Network**.

Electric System Failure Warning Light



The electric system is unavailable and may have function restrictions.

In these cases, contact the

Service Network as soon as possible.

Electric Motors and Inverters

Temperature Warning Light



This warning light indicates that the electric motors or inverters temperature is rising.

If this warning light turns on, safely pull over and stop the vehicle.

Then, move the transmission into P (Park) mode and run the electric motors at idle until the temperature drops and the light switches off. If the problem persists, contact the **Service Network**.



CAUTION!

Continuous driving with the electric motors and inverters temperature warning light illuminated will eventually cause severe damage or failure.



WARNING!

If the electric motors or inverters temperature warning light is illuminated and you continue operating the vehicle, in some circumstances you could cause overheating and cause a fire.

Air bag Warning Light



This warning light will illuminate for a few seconds for a bulb check when the ignition device is in **ON**. If the light does not illuminate while starting the electric motors, stays lit, or switches on while driving, have the system checked at the **Service Network** as soon as possible.

For further information, see chapter "Supplemental Restraint System (SRS) - Airbags" in section "Understanding the Vehicle".



WARNING!

If the warning light remains ON or if it does not illuminate or illuminates while driving, contact your Service Network as soon as possible.

Charging System Fault



This warning light is shown on the instrument cluster, with the car stationary, in case of a fault during the high voltage battery charging procedure.

• Failures in the charging system.

In this case disconnect and then reconnect the charging cable to the charging port or, in case of charging at a public charging station, look for another power supply point. If the symbol remains on, contact the **Service Network**.

• **Failures in public charging station.** We recommend that you try charging your car at another public charging station. If the symbol remains on, contact the **Service Network**.

For further information, see "Charging" in section "Driving and Driver Assistance Systems".

Torque Limited Warning Light



The warning light is shown on the instrument cluster if the acceleration of the car is limited due to a reduction in electric motor



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performance or battery charging low level.

If the symbol remains on with an high level of state of charge while driving, contact the **Service Network**. For further information, see "Turtle Mode" in section "Driving and Driver Assistance Systems".



CAUTION!

When in Turtle Mode (low State of Charge), APM stops charging the 12 V battery. If 12 V battery runs flat, the charging system is inhibited. A jump start is necessary to recharge the 12 V battery and have the charging system functional again (see "Auxiliary Jump-Start Procedure" chapter in section "In an Emergency"). Avoid complete discharging of the 800 V battery to avoid frequent jump starts.

Seat Belt Reminder Indicator Light



When the ignition device is **ON**, the seat belt reminder indicator light will light up for a few seconds as a bulb check. After the bulb check or while driving, with the passenger seated, if driver or passenger seat belt is unbuckled, together with the acoustic signal the seat belt reminder light will light up.



WARNING!

Maserati urges you to use the seat belts correctly fastened and adjusted at all times. Correct use of the seat belts can help reduce the risk of serious injury in the event of an accident. Do not pass seat belts over sharp edges: they could tear. Do not pin anything to the seat belts. This could reduce their initial strength and cause them to tear in the event of a crash.

For further information, see chapter "Occupants Restraint Systems (ORS)" in section "Understanding the Vehicle".

Seat Belt Reminder Indicator Light for Rear Passengers



At the beginning of each ignition cycle this indicator light up for 65 seconds in red to indicate the seat belts unbuckled in the rear seats, or in green to indicate those buckled.



For further information, see chapter "Occupant Restraint Systems (ORS)" in section "Understanding the Vehicle".

Traffic Sign Assist (TSA) Indicator Lights



Speed limit unconditioned signs (in example: 130 Km/h), limiting condition acknowledged (in example: snow), conditioned speed limit signs and overtaking



ban are displayed when the TSA function is active.

For further information, see "Traffic Sign Assist - TSA" in section "Driving and Driver Assistance Systems".

Door Failure Warning Light



This warning light report a failure of the electric opening of the doors by the e-latch button. In this case use the manual door emergency handle as described in paragraph "Door opening form inside-discharged battery" in chapter "Doors Security Locking" in section "Understanding the Vehicle". Contact the

Service Network as soon as possible.

Brake Disk Temperature Warning Light



This warning light illuminates in the case of brake discs overheating. In this case, avoid heavy use of brake system until the warning light goes off.

Drowsy Driver Detection (DDD) System Activation



The symbol appears, together with a message on the display, in case of activation of the DDD (Drowsy Driver Detection) system. Stop to pause while driving, pulling the car over in safe conditions.

Keyless Start System Failure



This warning light illuminates to signal a failure of the keyless start system.

Verify correct activation of engine start button (press STOP and START again), if problem persists, contact the **Service Network** as soon as possible.

Speed Limit Primary Indicator (India market only)



This indicator, and the related message, illuminate when the vehicle speed exceeds 80 km/h (50 mph) which is the speed limit established by law when traveling on the highways.

It goes off when the vehicle speed decreases by at least 5 km/h (3 mph) below the speed limit 80 km/h (50 mph).

Speed Limit Secondary Indicator (India market only)



This indicator, and the related message, illuminate when the vehicle speed exceeds 120 km/h (74.5 mph) which is the speed limit established by law when traveling on the highways.

It goes off when the vehicle speed decreases by at least 5 km/h below the speed limit 120 km/h (74.5 mph).

Speed Limit Indicator (MEA market only)



This indicator, and the related message, illuminate when the vehicle speed exceeds 120 km/h (74.5 mph) which is the speed limit established by law when traveling on the highways.

It goes off when the vehicle speed decreases by at least 5 km/h below the speed limit 120 km/h (74.5 mph).

Soft Top Failure Warning Light (only for GranCabrio)



This warning light illuminates if the hydraulic and electric soft top movement systems fail.

Contact the **Service Network** to have the system checked. See chapter "Soft top (only for GranCabrio)" in section "Understanding the Vehicle" for further information.

Brake Pads Wear Warning Light



This warning light and the related message indicate that the brake pads have reached their wear limit.

Please contact the **Service Network** to have them replaced.

Tire Pressure Monitoring Light



This warning light is connected to the Tire Pressure Monitoring System (TPMS).

Under normal conditions, the warning light should illuminate when the ignition device is in **ON** and should go

off as soon as the electric motors are started.

If the warning light remains lit or illuminates while driving, the pressure of one or more tires is too low and a message will be displayed.

The TPMS malfunction warning light is connected to the low tire pressure monitoring light.

When the system detects a malfunction, the monitoring light and the related message will flash for approximately one minute and then remain lit.

This sequence will continue upon subsequent vehicle start-ups as long as the malfunction lasts.

When the malfunction warning light lights up, the system may not be able to detect or signal low tire pressure correctly.

For further information, see chapter "Tire Pressure Monitoring System (TPMS)" in section "Understanding the Vehicle".

Rear Fog Indicator Light



This indicator lights up when the rear fog lights are switched on.

800 V Low Traction Battery Indicator Light



This warning light illuminates to report a low state of charge of the 800 V high voltage battery.

This warning light also lights up with a message on the instrument cluster.



800 V Battery Disconnected Warning Light



This warning light illuminates to indicate that the high voltage battery is disconnected from the system.

Contact the **Service Network**.

Transmission Overheating Warning Light



This warning light and the related message indicate that the transmission fluid temperature is rising.

If this warning light turns on, safely pull over and stop the vehicle. Then, move the transmission into P (Park) mode and run the electric motors at idle until the temperature drops and the light switches off. If the problem persists, contact the **Service Network**.



CAUTION!

Continuous driving with the transmission temperature warning light illuminated will eventually cause severe transmission damage or failure.



WARNING!

If the transmission temperature warning light is illuminated and you continue operating the vehicle, in some circumstances you could cause the fluid to boil over, come in contact with hot electric motors and cause a fire.

Ice Hazard Indicator Light



When the external temperature falls below 3°C (38°F), the temperature value blinks for a few seconds, the warning light turns on, a message is displayed and an acoustic signal is triggered to warn the driver of the risk of icy roadbed.

Under such conditions, drive carefully and slow down as the grip of the tires may be significantly reduced. The warning light flashes for 5 seconds and switches off when the temperature reaches 6°C (43°F) or higher.

Rain Sensor Failure Warning Light



This warning light illuminates in the case of failure of the automatic windscreen wiper.

Contact the **Service Network** as soon as possible.

Park Sensors Failure Warning Light



This warning light illuminates in the case of failure of one or more park sensor. Contact the **Service Network** as soon as possible.

Twilight Sensors Failure Warning Light



This warning light illuminates in the case of failure of the twilight sensor. Turn on the lights manually and contact the **Service Network** as soon as possible.

Immobilizer and Antitheft System Warning Light



This warning light monitors various functions of the immobilizer and antitheft systems. The pop-up message in the instrument cluster will indicate for which of these functions the warning light has come on.

The warning light can appear:

- to report a failure of the electric motors immobilizer system. In this case contact the **Service Network** as soon as possible.
- when the ignition device is moved to **ON** position, to indicate a possible break-in attempt detected by the alarm system.
- when the electric motors are started and the key fob is not recognized by the system.
- to report an antitheft system failure.

Charge Door Open Failure Warning Light



This warning light illuminates in case of failure of the charge door electric opening.

This warning light also lights up with a message on the instrument cluster. Require service at the **Service Network**. See "Charging" in section "Driving and Driver Assistance Systems" for more details.

Exterior Lights Failure Warning Light



This warning light illuminates to indicate a failure on the following lights: position/DRL lights, parking lights, direction indicators, rear fog light, reversing light and brake lights. The failure may be caused by a blown bulb/LED, a blown protection fuse or an interruption of the electrical connection. Contact the **Service Network** to replace the bulb/LED or the relevant fuse.

Headlight Aiming System Failure Warning Light



This warning light, and the related message, indicate a failure of the automatic aiming of the headlight system. Please contact the **Service Network** to check the system.

Advanced Frontlighting System (AFS) Failure Warning Light



This warning light and the related message light up to report a failure of the AFS system. Contact the **Service Network** as soon as possible.

Automatic High Beam Failure Warning Light



This warning light and the related message light up to report a failure of the automatic high beam headlights. Contact the **Service Network** as soon as possible.

Suspension System Failure Warning Light



This warning light illuminates to report a failure of the suspension system. Contact the **Service Network** as soon as possible.

Windshield Wiper Failure Warning Light



This warning light illuminates to indicate a windshield wiper failure.

Before contacting the **Service Network**, make sure that there are no obstacles that prevent the wiper from moving correctly. If no obstacle is present and the indicator light remains illuminated, then contact the **Service Network** as soon as possible to have the failure eliminated.

Windshield Washer Low Fluid Indicator Light



This indicator light will illuminate for 5 seconds to indicate a low level of the windshield and headlights washer fluid. A related message will be displayed.

See "Maintenance Procedures" in section "Maintenance and Care" for fluid filling.

AWD Failure Warning Light



This warning light turns on to indicate a fault of the AWD system otherwise a fault or overheating due to excessive wheel spin. Contact the **Service Network** as soon as possible, and avoid using the vehicle in heavy duty conditions.

Temporary AWD Failure Warning Light



The symbol will appear to indicate that the AWD dynamic control system is temporarily deactivated to prevent damage because of high electric motors load. The traction system will work in RWD mode in this case. Until the symbol appears on the display, reduce the load to allow the system to cool down. The AWD system will resume normal operation when the symbol disappears from the display.

Drowsy Driver Detection (DDD) Failure Warning Light



The symbol comes on in the event of a DDD (Drowsy Driver Detection) system failure. In these cases, contact the **Maserati Service Network** as soon as possible.



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Suspension Lifter System Failure Warning Light



This warning light illuminates to indicate a failure of the Suspension Lifter system. In this case, avoid using the system and contact the **Service Network** as soon as possible to have the failure eliminated.

Suspension Lifter System Failure Warning Light due to payload



This warning light illuminates to indicate an excessive payload on the suspension lifter system. In this case, lighten the vehicle to get the warning light switched off.

Acoustic Vehicle Alerting System - AVAS Failure Warning Light



This warning light informs that the BEV sound system is in fault state.

Contact the **Service Network** to have the system checked.

Forward Collision Warning (FCW) and Pedestrian Emergency Braking (PEB) Fault



This warning light informs that FCW and PEB is in fault state and the autonomous braking may not be available. If this occurred together with other specific messages, could mean that a system fault requiring servicing at the **Service Network**. It is nevertheless possible to drive the vehicle without using this function

(for further details, refer to "Forward Collision Warning - FCW" in section "Driving and Driver Assistance Systems").

Active Driving Assist (ADA) Fail



This warning light will turn on to indicate a failure of the ADA system.

Contact the **Service Network** as soon as possible avoiding using this system.

Speed Limiter (SL) Failure Warning Light



This warning light illuminates when SL system is not operating or needs servicing.

Contact the **Service Network** as soon as possible avoiding to use this system.

Cruise Control (CC) Fault



This warning light turns on when CC is not operating or needs servicing. For further details, refer to "Cruise Control - CC" in section "Driving and Driver Assistance Systems".

Adaptive Cruise Control (ACC) Fault



This warning light turns on when ACC is not operating or needs servicing. For further details, refer to "Adaptive Cruise Control - ACC" in section "Driving and Driver Assistance Systems".

Traffic Sign Assist (TSA) Off



This indicator light illuminates when the Traffic Sign Assist (TSA) is turned off. For further details, see "Traffic Sign Assist (TSA)" in section "Driving and Driver Assistance Systems".

Traffic Sign Assist (TSA) Fail



This warning light turns on when TSA is not operating or needs servicing. For further details, see "Traffic Sign Assist (TSA)" in section "Driving and Driver Assistance Systems".

Auto Vehicle Hold Fail



This warning light illuminates to indicate a failure of the Auto Vehicle Hold Function. Contact the **Service Network** to have the system checked. See chapter "Brake and Stability Control Systems" in section "Understanding the Vehicle" for further information.

Auto Vehicle Hold Indicator Light



The indicator light indicates that the auto vehicle hold function is active. See chapter "Brake and Stability Control Systems" in section "Understanding the Vehicle" for further information.

Charging System Status Indicator Light



This indicator light will illuminate when the charge cables is connected to the charge port of the car, not that the charging process

is in progress. This indicator light also lights up with a message on the instrument cluster. See "Charging" in section "Driving and Driver Assistance Systems" for more details.

System Ready Indicator Light

 This green indicator light will illuminate to signal that the vehicle is ready to start.

Speed Limiter (SL) Indicator Light

 This white or green indicator light will illuminate when the SL function is on, or set and in driver override (with green set speed below) or temporarily cancelled (with white set speed below). For further information, check "Speed Limiter - SL" in section "Driving and Driver Assistance Systems".

Cruise Control (CC) Set

 This green indicator light will illuminate with the set speed when the CC is set and in driver override. For further information, check "Cruise Control - CC" in section "Driving and Driver Assistance Systems".

Adaptive Cruise Control (ACC) Set

 This green indicator light with below the set speed turns on when the ACC is set (for further details, refer to "Adaptive Cruise Control - ACC" in section "Driving and Driver

Assistance Systems") and vehicle will keep set speed.

Intelligent Speed Assist (ISA) Set

 This green indicator light will illuminate with the set speed when the ISA is set and in driver override. For further information, check "Intelligent Speed Assist - ISA" in chapter "Traffic Sign Assist - TSA" in section "Driving and Driver Assistance Systems".

Low Beams On Indicator Light

 This indicator light will illuminate when the low beams headlights are turned on in manual or in automatic mode.

 For further details, see "External Lights Controls" in this section.

Headlight On Indicator Light

 This indicator light will illuminate when the position/DRL lights or headlights are turned on. For further details, see "External Lights Controls" in this section.

Electric Charge Door Indicator

 This indicator light is always visible in the bottom part of the ADAS area, above the battery state of charge gauge. It indicates the autonomy of the electric charge and the side of the car where the charge port is located (left side for this vehicle).

Auto Low Beams On Indicator Light OFF

 This indicator light will illuminate when the automatic low beams headlights are turned off. For further details, see "External Lights Controls" in this section.

Auto High Beams On Indicator Light OFF

 This indicator light will illuminate when the automatic high beams headlights are turned off. For further details, see "External Lights Controls" in this section.

Active Lane Management (ALM) OFF

 This indicator light will illuminate when the Active Lane Management (ALM) is turned off. For further details, see "Active Lane Management (ALM)" in section "Driving and Driver Assistance Systems".

Active Lane Management (ALM) Ready

 For GSR versions, this indicator light will illuminate when the Active Lane Management (ALM) is turned on.

For further details, see "Active Lane Management (ALM)" in section "Driving and Driver Assistance Systems".

Active Lane Management (ALM) Activation

 For GSR versions, this indicator light will illuminate:



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- in fixed mode when the Active Lane Management (ALM) is turned on and the vehicle is in the intervention area.
- in flashing mode when the Active Lane Management (ALM) is turned on and the vehicle is crossing the line.

For further details, see “Active Lane Management (ALM)” in section “Driving and Driver Assistance Systems”.

Cruise Control (CC) Ready or Cancelled



This white indicator light will illuminate when the CC is ready to be set (with 3 dashes below) and, once it sets, when it is temporarily cancelled (set speed in white below). For further information, check “Cruise Control - CC” in section “Driving and Driver Assistance Systems”.

Adaptive Cruise Control (ACC) Ready or Cancelled



This white indicator light indicates that the ACC is ready to be set (with 3 dashes below) and, once it sets, when it is temporarily cancelled (set speed in white below). For further details, refer to “Adaptive Cruise Control - ACC” in section “Driving and Driver Assistance Systems”.

Sport Suspension Setting Indicator Light



This indicator light displays which suspensions setting (sport “S”) is on. For further details,

refer to “Drive Mode” in section “Driving and Driver Assistance Systems”.

Hard Suspension Setting Indicator Light



This indicator light displays which suspensions setting (hard “H”) is on. For further details, refer to “Drive Mode” in section “Driving and Driver Assistance Systems”.

Vehicle Rising Up Indicator Light



This indicator light illuminates during the rising phase of the vehicle. For further information see “Lifter System” in section “Understanding the Vehicle”.

Vehicle Lowering Down Indicator Light



This indicator light illuminates during the lowering phase of the vehicle. For further information see “Lifter System” in section “Understanding the Vehicle”.

Performance “Launch Control” Running Indicator Light



This indicator lights up when the car is launched in the “Launch Control” performance start procedure. See chapter “Launch Control Mode” in section “Driving and Driver Assistance Systems” for the activation procedure.

High Beam Indicator Light



This indicator lights up when the high beams are switched on or when blinking. For further details,

see “External Lights Controls” in this section.

Auto High Beam Indicator Light ON



This indicator lights up when the automatic high beams are switched on. For further details, see “External Lights Controls” in this section.

Maserati Intelligent Assistant™ Operation

General Notes

The vehicle is equipped with the infotainment Maserati Intelligent Assistant™ (MIA) system, an advanced user interface which combines innovative and exclusive technical functions integrating entertainment, user settings, navigation and communication functions within a single system. The MIA system features an audio system which is acoustically optimised for this specific vehicle.

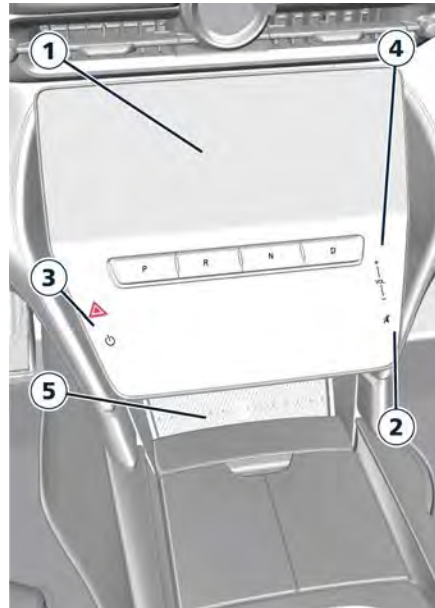
All entertainment and communication functions are described in a specific guide called "Maserati Intelligent Assistant™ (MIA)". This guide also includes all warnings and precautions, which are essential for a safe use of the MIA system. Maserati advises you to read this guide carefully and thoroughly.

Manual Controls and Devices

The MIA display is positioned in the central part of the dashboard and the manual controls and devices for multimedia navigation and to connect external sources are positioned on the central console.

This manual controls are a further interface for the driver and nearby

passenger, that adds to the MIA display soft-keys. Using the manual controls, the MIA display will work as a graphic display of the inputs from the controls.



1 MIA touch display

The touch screen soft-keys allows to access to all available functions. When you touch an active area of the screen a visual feedback of active area's is linked to the touch event. It is valid for all active areas with or without long touch functionality. This

feedback associated to the touching state highlight the icon or text label and apply an additional graphic shape. This strategy is valid for all the active areas of the display (soft-keys, main category bar, etc...) except the lists, the status bar and the draggable areas.

To select a list item touch and release the screen.

2 "MUTE" capacitive touch button

Press this capacitive touch button to mute the volume of the active sources.

3 "ON/OFF" capacitive touch button

Press this capacitive touch button to turn the MIA system on or off.

4 "VOLUME" control

Independently from currently shown MIA screen, touch "+" capacitive touch button to increase the volume, and "-" to decrease it or slide the bar.

When the volume control is adjusted through the "VOLUME" capacitive touch buttons or the steering wheel control, a volume alert pop up will appear at the top of MIA screen. Volume alert shows the icon of the active source, and the volume level bar with numerical value. Touching the drop down arrow on the right side of the volume alert to view and possibly change the volume level of the other sources (Media, Phone, Phone Ring, Navigation and Voice Recognition).



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The volume control pop up can be closed touching anywhere outside of the pop up or touching the "X" soft-key on the upper right side, otherwise it will close automatically with a 5 seconds time out after last touch.



5 Wireless Charger

The Wireless Charger allows you to recharge your mobile phone (if it supports this technology) without having to connect it to the charging port through a cable (see "Internal Equipment" in section "Understanding the Vehicle").

6 Multimedia Ports

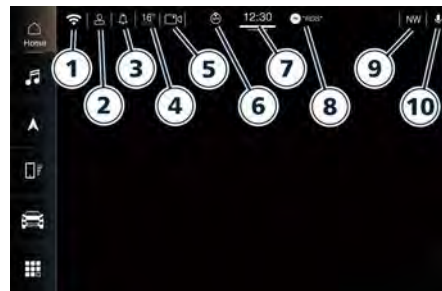
For further details, refer to "Internal Equipment" in section "Understanding the Vehicle".



Main Status Bar on MIA Display

Main status bar is set up by Maserati: some of soft-keys that make up the bar can be customised according to personal requirements, as explained in "Customising Main Status and Category Bar" in this chapter.

The composition of the main status bar is briefly indicated below. For further information, refer to the "Maserati Intelligent Assistant™ (MIA)" guide included in the on board documentation.



- 1 Wi-Fi Hotspot  (customisable).
- 2 Profiles (customisable).
- 3 Notifications (customisable).
- 4 Outside Temperature (customisable).
- 5 Rear View Camera (customisable).
- 6 Geolocation.
- 7 Clock.
- 8 Status Alert Box.
- 9 Compass (customisable).
- 10 Passenger Voice Recognition - VR (customisable).

NOTE:

The images may represent a main status bar other than the one on your MIA.

Main Category Bar on MIA Display

The soft keys located on the left part of the MIA display represent the default main categories, which are briefly indicated below. The figure shows the

main menu bar of a car equipped with navigator.



Main category bar is set up by Maserati: user can reorganize its menus according to personal requirements, as explained in "Customising the Main Status and Category Bar" in this chapter.

To view the label of the soft-keys in the main category bar it is necessary to activate the "Show Main Category Labels" function in the "Display" submenu of the "Settings" screen of the "Vehicle" page.

NOTE:

The images may represent a main category bar other than the one on your MIA.

For further information on the "Home", "Media", "Nav", "Vehicle", "Phone" and "Apps", refer to the "Maserati Intelligent Assistant™ (MIA)" guide included in the onboard documentation.

Touch one of these soft-keys to access the list of functions that the user can set.

- 1 **"Home"** soft-key
Touch this soft-key to enter the home page from which you can choose among all the available widgets the one to display the desired function.
- 2 **"Media"** soft-key
Touch this soft-key to access media sources such as: Radio, USB device, and Bluetooth as long as the requested media is present.
- 3 **"Nav"** soft-key
Touch this soft-key to access the Navigation function ().
- 4 **"Phone"** soft-key
Touch this soft-key to access the MIA Phone function that can be set or monitored via MIA.
- 5 **"Vehicle"** soft-key
Touch this soft-key to access the "My Car", "Electric Vehicle", "Drive Mode", "Performance", "Controls" and "Settings" menu from which to choose which the customer programmable functions of some driver assistance system (ADAS) to set up. Functions can be selected and adjusted or turned on/off by touching the related soft-key (see "Functions of Controls Menu on MIA" in this section).

6 **"Apps"** soft-key

Touch this soft-key to have access to the Apps page from which you can choose which app you want to display between "Favourites", "Recent", "Categories" and "All".

Switch Off Touch Screen Backlight

If the screen backlight becomes annoying when driving, it is possible to switch it off pressing ON/OFF capacitive touch button described in the "Manual Controls and Devices" of this chapter (the audio will be switched off too).

The MIA touch screen can be turned off by touching the "Screen Off" soft-key in the "Controls" menu of the "Vehicle" page.

Touch screen Display Warnings



CAUTION!

- Do NOT attach any object to the touch screen, doing so can result in damage to the touch screen.
- Do not press the screen with any hard or sharp objects (pen, USB stick, jewelry, etc.) which could scratch the touch screen surface.
- Do not spray any liquid or caustic chemicals directly on the screen. Use a



clean and dry micro fiber lens cleaning cloth in order to clean the touch screen.

- If necessary, use a lint-free cloth dampened with a cleaning solution, such as isopropyl alcohol, or an isopropyl alcohol and water solution ratio of 50:50. Be sure to follow the solvent manufacturer's precautions and directions.

Customising the Main Status and Category Bar

The soft-keys for the main functions of the MIA system, indicated on the left of the MIA display, and some of those on the main status bar can be easily customised to suit user's requirements, as follows:

- drag and drop the soft-key to move it inside the bar;
- drag and drop the icon corresponding to the selected function until it overlaps the one to be replaced.

Functions of My Car Menu on MIA

The MIA system uses a combination of keys able to access to the information about the vehicle present in the "My Car" menu of the "Vehicle" screen page. A shortcut to set this menu is available in the "Apps" screen page.

Once you enter the "My Car" screen using the touch soft-keys, read information about the vehicle.

Touch the function soft-key to confirm the selection.

NOTE:

Only one touch screen area/soft-key may be selected at a time.

In this mode the MIA system allows you to access the following submenus displayed on the left side of the screen page: Overview and Tire Pressure. On the right side is shown a summary of the vehicle status.

Overview

Touching this soft-key, the "My Car" Overview page shows a summary of the vehicle status:

- A Service table with kilometres and days to the "Next Service";
- An overview of the vehicle with information on wheels. A  symbol

will appear next to a wheel highlighted in yellow in case of warning.

NOTE:

Touching the  symbol, the page will jump on the Tire Pressure page.



NOTE:

- If no tire warning are detected, no  symbol will be shown.
- In case one of the systems is not available or in fail, the corresponding status indication will be substituted by dashes.

Tire Pressure

Touching this soft-key, the "My Car" Tire Pressure page shows the current inflation of each tire.

The units of measurement will be converted coherently with the current settings (see "Functions of Settings Menu on MIA" in this chapter).

If a warning on a tire is present, the corresponding tire will be

yellow highlighted with the current underinflated pressure value.

If a warning on a tire is present, a information button will appear on the Tires pressure page. Pushing on this button, a pop-up will be shown on the cluster display.

Functions of Electric Vehicle Menu on MIA

The MIA system uses a combination of keys able to access to the information about the vehicle present in the "Electric Vehicle" menu of the "Vehicle" screen page. A shortcut to set this menu is available in the "Apps" screen page. Once you enter the "Electric Vehicle" screen using the touch soft-keys, read information about the vehicle. Touch the function soft-key to confirm the selection.

NOTE:

Only one touch screen area/soft-key may be selected at a time.

In this mode the MIA system allows you to access the following submenus displayed on the left side of the screen page: Power Flow, Driving History, Schedules, Charge Setting and Maximum Battery Level.

Power Flow

The Power Flow page will show a graphic representation of the vehicle and the power flows between some parts of the electric vehicle: motors, climate and battery. The power consumption and the regeneration by charging through eCoasting and eBraking are shown with

difference movement and colours of the flows.

In the right part of the screen of the Power Flow page there are instant motor and climate consumptions showed in percentage values, with specific graphic indication and labels.



Driving History

The Driving History screen shows kWh/100km (units changes according to units setting) used and earned (by eBraking and eCoasting) by bar charts. In this page are shown two different charts in two different pages, "Current" and "Weekly" selectable by two soft-keys on the right part of the screen.

NOTE:

- Only one chart can be selected at time
- At every key-on, Current page is shown as default in Driving History

The Current page shows the kWh/100km (units changes according to



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units setting) used and earned in last 15 minutes by bar graph.

NOTE:

- The right position always shows the day label corresponding to current day
- The information related to current day will be updated minute by minute
- The day labels, and relative information, must shift to the left on every day changing
- If the vehicle is not used for one day, there will be no label in the bar graph for that day.

The power and the charge are indicated with bidirectional bars. From middle of the page to top of the page are shown the bars indicating the power with a specific colour, from middle of the page to bottom of the page are shown the bars indicating the charge with a another colour. The average value indicates the current average Power with an horizontal line.

Schedules

In the Schedules page user can plan Charge Schedules and Climate Schedules. The user can edit up two schedules for each schedule type.

NOTE:

If the vehicle is in motion (above 8 km/h / 5 mph), no interaction with Schedules page is available.

In each schedule line there is a recap of days, hours and temperature; the schedule will be active if the related checkbox on the right is flagged. On the bottom of the screen there are information on the set Next Schedule. The user have to press on the item line to create or edit a schedule. If there is a change to the schedule, the new schedule is sent to the Maserati App when the schedule page is left.

Charge Schedule

In Charge Schedule setup page user can schedule the favourite time interval to charge the battery specifying start and stop time; if “Charge Until Full” checkbox is flagged, stop time can not be set and it is greyed out. Time is programmable by up/down selectors. Hours increase/decrease by one hour, minutes will increase/decrease by 5 minutes.

NOTE:

- If Set Time in the Setting list is set to 0-12 hours, AM/PM filed is editable too.

- If Set Time in the Setting list is set to 0-24 hours, AM/PM arrows and filed are not displayed
- The system avoids time intervals equal to 0

If the users wants to repeat the schedule in the days of the week, he have to flag the days checkboxes in the bottom of the screen. Leaving the Charge Schedule setup page, a pop-up will ask the user to save the setting.



NOTE:

Always remember to connect the charge cable to the vehicle when leaving the vehicle with a charge schedule set (see “Charging” chapter in section “Driving and Driver Assistance Systems”). Otherwise the charge process will not start. LEDs will start flashing in a blue

colour one by one until the start of the charge.

Climate Schedule

In Climate Schedule setup page user can schedule the favourite time when cabin conditioning must be ready and the desired temperature. Time is programmable by up/down selectors. Hours increase/decrease by one hour, minutes will increase/decrease by 5 minutes.

NOTE:

- If Set Time in the Setting list is set to 0-12 hours, AM/PM filed is editable too.
- If Set Time in the Setting list is set to 0-24 hours, AM/PM arrows and filed are not displayed

If the users wants to repeat the schedule in the days of the week, he have to flag the days checkboxes in the bottom of the screen.

To set the desired temperature the user has to press on the temperature arrows; temperature increase/decrease by 0.5°C (1°F). Farther more, the user must choose if the system must allow the pre-conditioning “Always (even when not plugged in)” or if it must allow the pre-conditioning “Only when plugged in”. Leaving the Climate Schedule setup

page, a pop-up will ask the user to save the setting.



Charge Setting

The Charge Setting page shows 5 power levels that can be selected (one level at a time). In this page is also shown the State of Charge of the vehicle with the battery percentage and the estimated time to 100% (when the vehicle is plugged in) or a maximum and minimum estimated time to 100% (when the vehicle is not plugged in). The estimated time shall change according to the level selected.

When charging at DC charge station, two labels will be added on the right of the Charge Setting screen:

- AC Charge
- DC Charge

The first selection will show what previously described. The second one, in addition of the graphic representation

of the battery level percentage, will show the estimated time to 80% and 100% and two more selectable options:

- Optimized
- Super Fast

NOTE:

- Only one option can be selected at a time
- The estimated time charge shall change according to the option selected.
- Under extremely specific conditions, especially when charging at very low AC voltage, it can rarely happen that the estimated time charge is not displayed. Nevertheless the charging process works properly and the status can be checked on the led in the charging port.

Maximum Battery Level

In the Maximum Battery Level page the user can choose between two maximum battery level to reach during every charge cycle:

- 80% Daily Range: For daily drive needs. This option can optimise battery performance over its lifetime
- 100% Full Range: For long drive needs. Charging battery to 100% takes longer.

(Continued)

**NOTE:**

- Only one option can be selected at a time
- A graphic battery representation shall change according to the option selected.

Functions of Drive Mode Menu on MIA

The MIA system uses a combination of keys able to access and change the customer programmable functions present in the "Drive Mode" menu of the "Vehicle" screen page.

A shortcut to set the customer programmable functions is available in the "Apps" screen page. Once you enter the "Drive Mode" screen, use the touch soft-keys to scroll and change settings of the customer programmable functions. Touch the function soft-key to confirm the selection.

NOTE:

This page shows only information related to the Drive Mode selected with the drive mode selector on the steering wheel (see "Drive Mode" chapter in section "Driving and Driver Assistance Systems" for further details).

Max RANGE

This Drive mode optimise all vehicle settings in order to provide the max possible range through efficiency and energy recovery.

Every time you select Max RANGE mode, the default climate setting is ECO.

In this page is shown the estimated range. The user can also choose to flag one checkbox:

- **Power Limiter:** deselecting this checkbox, the maximum available power in Max RANGE Drive Mode becomes 80% without performing a kick-down to overcome the limit of 50%.



GT

This Drive mode is the best balance between Comfort and Sport Driving. No other information or checkboxes are displayed in this page. No custom settings are available for this mode.

SPORT

This Drive mode sets the electric motors and the chassis for a sport driving. The user can also choose to flag two checkboxes:

- **Sport Suspensions:** deselecting this checkbox, suspensions will be set from

“SPORT” to “SOFT” trim as default in this drive mode.

- **Sport Sound:** unchecking the box sound level in SPORT mode is lowered to GT mode level.



CORSA

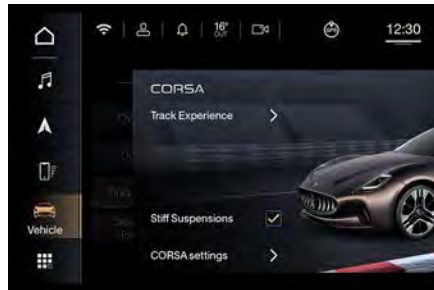
This Drive mode is the sportiest and the best to race. This drive mode has a lower level control from car systems and rely more on driver skills to manage the car. It's recommended for a track day experience.

In this page the user can choose to set different parameters:

- **Torque Vectoring:** checkmark the favourite selection between Stable, CORSA and Agile
- **Traction Control:** checkmark the favourite selection between Wet, CORSA and Pro
- **Stiff Suspensions:** deselecting this checkbox, suspensions will be set from

“HARD” to “SPORT” trim as default in this drive mode

- **Performance Optimizer:** this is an additional setup through the customer can activate propulsion setup to accomplish specific kind of use cases. The user can choose between Max Boost and Endurance (this two functions are described in next paragraphs)
- **Track Experience:** for GSR versions, it is recommended to deactivate the FCW and ALM systems via the appropriate "Track Experience" menu, for a better driving experience on the track.



NOTE:

Max BOOST or ENDURANCE Functionality can be enabled only if battery temperature is between a certain comfort temperature range that is displayed on instrument cluster. If the

battery temperature is sufficient close to comfort zone the system is able to perform a battery conditioning in order to enable the functionality selected. When the battery conditioning is on, a temperature setpoint indicator blinking is displayed on instrument cluster. When the setpoint indicator switches to solid the battery conditioning is over and the vehicle is ready for performing the functionality selected.



NOTE:

During charging if CORSA mode is selected, the cooling will target ideal battery temperature in order to pre-condition battery temperature for best performances. This will create higher level of noise from cooling system during the charging.

In order to activate the functionality, vehicle has to be plugged to a charging



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station and then select the drive mode desired (CORSA, Max BOOST, ENDURANCE). At the end of charging, battery temperature will be the best for SOC tgt selected (80% or 100%) and drive mode selected. Depending on battery starting temperature and environmental conditions charging time might be longer than what expected in standard charging (GT mode). Minimum 22 kW charging station power is kindly required in order to avoid excessive charging time.



Max BOOST

This is a function optimised for one-shot acceleration performances.

When Max BOOST mode is selected, the label Max BOOST takes the place of the label CORSA. In Max BOOST mode when the battery target temperature is reached extra power is available only through a Launch Control manoeuvre (see “Launch Control Mode” chapter in

section “Driving and Driver Assistance Systems”) with an addition of an animation with thunder and bolt on the powermeter gauge.

NOTE:

Max BOOST function automatically switches off if:

- The State of Charge is low
- The battery temperature is too high
- The battery temperature is too low

ENDURANCE

This is a function optimised for long track or multiple laps on standard circuit. When ENDURANCE mode is selected, the label ENDURANCE takes the place of the label CORSA. In this case, when full power is requested by the user it is kept for a few seconds and after that the system will optimise the power providing less than the 100%. The instrument cluster will show this power optimisation deleting a part of the yellow arc of the powermeter, near the 100%.



Before the power reduction, the centre of the powermeter starts to slowly blink before the power optimisation of the system. If the user pull and hold the “+” paddle before the end blinking of the glow, the system will not reduce the power and the filling stops blinking. This specific paddle “+” selection does not affect coasting level previously setted. Instead, when the blue filling ends its blinking, the system will reduce the power and the instrument cluster reduce the yellow arc of the powermeter and grey out the not available power. Power reduction strategy is restored after braking phase. This functionality is used in order to manage in the best way the battery temperature delaying thermal power derate.

NOTE:

ENDURANCE function automatically switches off if:

- The State of Charge is low
- The battery temperature is too high
- The battery temperature is too low

Functions of Performance Menu on MIA

The MIA system uses a combination of keys able to access to the information about the vehicle present in the “performance” menu of the “vehicle” screen page. A shortcut to set this menu is available in the "Apps" screen page. Once you enter the “Performance” screen using the touch soft-keys, you can read information about the vehicle. Performance Pages contents are: Electric Motors, Torque Management, Drag race and Accessory Gauges. A scroll bar is displayed on the left part of the screen. User will be able to select the submenus by scrolling/tapping the content list.



Electric Motors

Touching this soft key, the Performance "Electric Motors" page shows three different gauges: Front, Left Rear and Right Rear, pointing out the current power used by each electric motor.

Torque Management

Touching this soft-key, the Performance “Torque Management” page shows the torque split between front and rear wheels and Slope percentage. The torque is expressed with dynamic arrows and percentage on each wheel and they change in length dynamically.

Drag Race

Touching this soft-key, the Performance "Drag Race" page shows the following contents divided into Current, Last and Best race time:

- 0-100 km/h and 0-160 km/h time
- 0-200 m time and speed
- 0-400 m time and speed
- Braking distance time and speed

The system constantly records the previous values and keeps the best ones memorized. When these conditions occur, the current status will display “ready”; during registration it will be replaced with “Rec”. If the session gets interrupted, the status "Incomplete" will be displayed.



On the right of the screen there are two interactive soft-keys: "Reset Last" and "Reset All". "Reset Last" resets the value reported in the "Last" column while "reset all" resets all values.

When the user taps on the reset button, a confirmation pop up appears; scroll and push to confirm or touch "No" soft-key.

Accessory Gauges

Touching this soft-key, the Performance "Accessory Gauges" page shows three different gauges: Battery Level (State of Charge), Battery Temperature and 12V Battery Voltage.

Functions of Controls Menu on MIA

The MIA system uses a combination of keys able to access and change the customer programmable functions present in the "Controls" or "Settings" menu of the "Vehicle" screen page.

A shortcut to set the customer programmable functions is available in the "Apps" screen page.

Once you enter the "Controls" screen, use the touch soft-keys to scroll and change settings of the customer programmable functions.

Touch the function soft-key to confirm the selection.



Some functions can be set only on or off touching the corresponding soft-key which will be highlighted with the yellow outline (example: "Mirror Dimmer").

Other functions can have one or more instruction/setting pages that are accessed by touching the corresponding soft-key (example: "Surround View Camera").

NOTE:

- All settings must be edited with ignition device set to **ON** position.
- Some of the customer programmable functions are optional or for a specific version and may not be available on your vehicle.
- Only one touch screen area/soft-key may be selected at a time.

- **Screen Off**

This function allows you to switch off the MIA screen backlight if it becomes annoying when driving.

- **Mirror Dimmer**

The auto-dimming function can be disabled or re-enabled by touching this soft-key. See "Rear-View Mirrors" in section "Before Driving" for further details.

- **Surround View Camera**

Activating this function the system uses four cameras to monitor the area around the vehicle when transmission is moved in P (Park), N (Neutral) or D (Drive) mode.

When activation occurs by touching the "Surround View Camera" soft-key in the "Controls" screen or moving the

transmission in R (Reverse) mode, the initial view will be the default view (associated with current gear state). See "Surround View Camera System" in section "Driving and Driver Assistance Systems" for further details.

• Rear Parking Camera

This function allows you to switch on the Rear Parking Camera. See "Rear parking Camera" in section "Driving and Driver Assistance Systems" for further details.

• Glove Box

This function allows you to enter a 4-digit PIN code to lock and unlock the glove box in the passenger side of the dashboard.

See "Access the Glove Box Compartment" in section "Before Driving" for further details.

Functions of Settings Menu on MIA

The MIA system uses a combination of keys able to access and change the customer programmable functions present in the "Controls" or "Settings" menu of the "Vehicle" screen page.

A shortcut to set the customer programmable functions is available in the "Apps" screen page.

Once you enter the "Settings" screen, use the touch soft-keys to scroll and change settings of the customer programmable functions.

NOTE:

- All settings must be edited with ignition device set to **ON** position.
- Some of the customer programmable functions are optional or for a specific version and may not be available on your vehicle.
- Only one touch screen area/soft-key may be selected at a time.

Modes for Setting a Function

To enter the desired function, touch the corresponding soft-key on the lateral list (the picture shown is "Display").



To scroll through the functions of the list, move the cursor up or down, or touch the arrow ∇ or Δ until the function to be set is displayed. Touching the Δ or ∇ soft keys and the cursor on the right side of the screen will allow you to scroll up or down through the available setting options. In this screen one or more boxes may indicate status or possible variants of the function. A check mark in a box indicates the active status of the function.

When in a setting line with many options:

- touching on the option currently not selected (no check mark in option) move the selector and change the option accordingly;
- touching on the option already selected (with selection) do not perform action (maintain the option selection).

When in a setting line with one option only:



- if on/off setting (example: "Touchscreen Beep") touching on the option select/deselect the option (check mark appear/disappear). The same behaviour is performed touching on the entire row area;
- if one-of-many option setting (example: "English" under "Language" function) touching on the option do not perform action (maintain the check mark). Also in this case, the same behaviour is performed touching on the entire row area.

When in a function with +/- soft-key:

- if touch on the +/- soft-key, increase or decrease the value. Touching outside the +/- soft-key do not perform action;
- when the maximum value +/- is reached, +/- the soft-key turn grey.

Once the procedure is completed, touch the back arrow to return to the previous menu.

In this mode the MIA system allows you to access the following programmable functions: Display, My Profile, Safety & Driving Assistant, Hybrid Electric, Clock & Date, Phone/Bluetooth, Voice, Navigation, Camera, Mirrors & Wipers, Lights, Brakes, Doors & Locks, Seats & Comfort, Key Off Options, Suspension, Audio, Notifications, Radio Setup, Geolocation, Software Updates, System Information and Reset.

Display

Touch this soft-key to set the following modes.

• Language

When in this display, you can select one language for all display descriptions, including the trip functions and the navigation system. The available languages are specific to the target markets.

• Display Mode

When in this display, you can select "Auto" or "Manual" mode.

• Night-time Brightness Display

When "Display Mode" function is in "Manual" mode, you can select the brightness (night condition). Adjust the brightness from level 0 to 10 with the "+" and "-" setting soft-keys or by selecting any point on the scale between the "+" and "-" soft-keys.

• Daytime Brightness Display

When "Display Mode" is in "Manual" mode, you can select the brightness (day condition). Adjust the brightness as previously explained for "Night-time" setting.

• Units

When in this display, you can custom each unit of measure that can be independently displayed in the cluster Display and in the navigation system.

The following selectable units of measure are listed below:

- **Speed** unit:
select from: "km/h" or "mph".
- **Distance** unit:
select from: "km" or "mi".
- **Pressure** unit:
select from: "kPa", "bar" or "psi".
- **Temperature** unit:
select from: "°C" or "°F".
- **Consumption** unit:
select from: "km/kWh", "kWh/100km", "mi/kWh" and "kWh/mi".
- **Power** unit:
select from: "kW", "HP (UK)" or "HP (US)".
- **Torque** unit:
select from: "Nm" or "lb-ft".

• Touchscreen Beep

When in this display, you can turn on or shut off the sound activated by pressure of a touchscreen soft-key.

• Show Main Category Bar Labels

By selecting this function, the system shows the labels on the soft-keys of the main category bar.

• Navigation Turn-by-Turn Displayed in Cluster

By selecting this function, the next turn direction will appear on the instrument cluster along a programmed route until the desired destination is reached.

• Phone Pop-ups Displayed in Cluster



When this mode is selected a pop up message will appear in case of incoming call. Information associated to call in progress are available by entering to the "Audio" menu using the buttons on the steering wheel LH side.

• **Cluster Options**

When in this display, you can custom all secondary settings listed below, displayed in the instrument cluster:

- **Trip B on Cluster**
- **Performance Pages on cluster:**
select the favourite Main Menu Performance visualization for each Drive Mode.
- **Custom Areas on Cluster:**
customize the upper left (10a) and right (10b) area on the instrument cluster with "time", "date", "external temperature", "compass" or "empty" space.
- **Widget List:**
select which additional widget can be visualized in the widget menu on the instrument cluster.
- **Cluster Secondary Content:**
select "Instruction Text" to show instructions to navigate the instrument cluster.

• **Head Up Display**

When in this display, you can activate/deactivate or custom the Head Up Display:

- **Head Up Display**
select from: "On" or "Off".
- **HUD Brightness:**
adjust the brightness from level 0 to 10 with the "+" and "-" setting soft-keys.
- **HUD Height:**
adjust the height from level 0 to 10 with the "+" and "-" setting soft-keys.
- **HUD Content:**
select the visualization between: "Simple", "Standard" or "Advanced".

My Profile

Touch this soft-key to custom a list of settings, linked to the chosen profile, extracted by each setting sub-menu.

Safety & Driving Assistant

Touch this soft-key to set the following modes.

• **Forward Collision Warning / Pedestrian Emergency Braking**

The FCW function primary use the front radar and the forward looking camera for sensing vehicle and pedestrian ahead, provide warnings to the driver and may perform braking and brake jerks (if set).

FCW is always active: it is possible to set the warnings, the sensitivity and the aid of the active braking.

FCW can be set in "Off" or "On".

FCW sensitivity can be set to "Near", to "Med (Medium)" or to "Far".

The default status of FCW sensitivity is the "Med" setting.

See "Forward Collision Warning - FCW" in section "Driving and Driver Assistance Systems" for more details.

• **Pedestrian Emergency Braking**

if PEB setting is not present in the setting list, it will follow the FCW setting.

• **Active Lane Management**

Activating this function the ALM system will attempt to keep the vehicle in lane and can apply direct input to electric power steering system to change direction of vehicle.

The system can be set to "Vibration only", "Steering Assist only" and "Vibration + Steering Assist".

lane Warning can be set to "Early" (default mode), "Medium" and "Late". Vibration Strength can be set to "Low" (default mode), "Medium" and "High". Steering Assist Strength can be set to "Low" (default mode), "Medium" and "High".

• **Traffic Sign Assist**

Activating this function the forward-facing digital camera, with the aid of maps on the navigation system, is able to detect signs (no overtaking, etc.) and speed limits. Those are displayed



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by the TSA system on the instrument cluster display together with a possible alert when the vehicle exceeds the speed limit.

See “Traffic Sign Assist - TSA” in section “Driving and Driver Assistance Systems” for further details.

- **Park Assist**

The park assist system will scan for objects behind and in front of the vehicle when the transmission is in R (Reverse), D (Drive) or N (Neutral) mode and the vehicle speed is less than 11 km/h (7 mph).

The system can be enabled or turned “Off”. See “Park Assist” in section “Driving and Driver Assistance Systems” for further information.

- **Park Assist Front Sensors Active in Drive**

If this function is active, when driver moves from P (Park) or N (Neutral) to D (Drive) mode, front parking sensors are activated. If this function is not active, when driver moves from P (Park) or N (Neutral) to D (Drive) mode, front parking sensors are NOT activated.

- **Front ParkAssist Volume**

When this function is selected, the chime volume of front park assist sensors can be set to “Low”, “Medium” or “High” level. “Medium” is the default setting.

The system will retain its last known configuration state through ignition cycles.

- **Rear ParkAssist Volume**

When this function is selected, the chime volume of rear park assist sensors can be set to “Low”, “Medium” or “High” level.

“Medium” is the default setting.

The system will retain its last known configuration state through ignition cycles.

- **Active Park Braking**

When this function is active, when the vehicle move backwards in R (Reverse mode) at maximum 11 km/h (7 mph) and an obstacle is detected, the system brakes automatically.

- **Side Distance Warning**

When this function is selected, the surround screen visualize 4 more arcs on the vehicle sides in the top view.

- **Blind Spot Alert**

Activating this function the system will try to prevent collision between host vehicle and potential blind spot collision hazard.

This function can be set in “Off”, “Lights” or “Lights + Chime”.

See “Blind Spot Assist - BSA” in section “Driving and Driver Assistance Systems” for more details.

- **Passenger airbag**

By selecting this function, this current status of the front passenger airbag is changed and it is visualized on the front dome console.

Hybrid Electric

With this function it is possible to view and set the following modes.

- **Ready to Drive Pop-Up**

By selecting and check-mark this function the Ready pop-up will be displayed on the instrument cluster when the ignition device is set to **ON** at the beginning of each key cycle. See “Normal Start of the Electric Motors” in section “Driving and Driver Assistance Systems”.

Clock & Date

Time is visible on the dashboard smart clock (see “Smart Clock” in this section) and on the instrument cluster and on the MIA display.

With this function it is possible to view and set the following modes.

- **Sync with GPS Time**

Time is normally automatically synchronised with the radio signal. It is also possible to set automatic synchronisation mode using GPS signal instead.

- **Set Time Hours**

With “Sync with GPS Time” function unchecked and this mode selected, you



can set the hours manually from 1 to 24. To select, touch the “+” or “-” soft-keys to adjust the hours.

- **Set Time Minutes**

With “Sync with GPS Time” function unchecked and this mode selected, you can set the minutes manually from 0 to 59. To select, touch the “+” or “-” soft-keys as done for the hours.

- **Time Format**

When in this mode, you can select the time format display. To change the current setting, touch and release the “12 h” or “24 h” soft-key.

- **Show Time In Status Bar**

This function will allow you to turn on or shut off the digital clock in the upper status bar.

- **Set Date (in Cluster)**

When in this mode, you can set the date manually on the instrument cluster display. Touch the “+” or “-” soft-keys to adjust day, month and year.

- **Show Time and Date During Screen Off**

When in this mode, you can display the digital clock and date during screen off.

Phone/Bluetooth

Touch this soft-key to select the function related to the connect phones.

- **Device Manager**

By selecting this function, when touch the “Phone” soft-key in the main category bar the system open the

“Device Manager” page to manage the connected devices.

- **Do Not Disturb All**

By selecting this function will block incoming texts, calls or both.

- **Enable Two Active Phones**

By selecting this function the MIA system enable two phones connected via Bluetooth.

NOTE:

On the **Maserati website**, at **www.maserati.com**, or through the **Maserati Service Network** you may consult the list of telephones that are compatible with the MIA, and their level of compatibility.

- **Phone Pop ups Displayed in Cluster**

When this mode is selected a pop up message will appear in case of incoming call. Information associated to call in progress are available by entering to the “Audio” menu using the buttons on the steering wheel LH side.

Voice

After touching this soft-key the following modes to give voice commands will be available.

- **Voice Options**

It is possible choose between “Female” or “Male” voice commands.

- **Wake Up Word**

With the microphones in the listening mode, this function allows you to select the wake up word from the available options.

- **Voice Barge-in**

By selecting this function it is possible to respond to a voice response before the statement is completed.

- **Show Command List**

When this function is selected, it is possible to select suggested options during a voice control session.

Navigation

Touch this soft-key to set the following modes.

- **Show**
- **Map View**
- **Routing**
- **Sound & Alerts**
- **Other**

Camera

Touch this soft-key to set the following modes.

- **Surround View Camera Delay**

By selecting this function the surround camera image will be displayed for up to 10 seconds after shifting out of R (Reverse) unless the forward vehicle speed exceeds 13 km/h (8 mph).

- **Surround View Camera Guidelines**



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By selecting this function, surround camera guidelines are displayed on the screen.

- **Rear View Camera Delay**

By selecting this function the rear view camera image will be displayed for up to 10 seconds after shifting out of R (Reverse) unless the forward vehicle speed exceeds 13 km/h (8 mph).

- **Rear View Camera Active Guidelines**

By selecting this function, rear view camera guidelines are displayed on the screen.

- **Virtual Wall**

By selecting this function, it is possible to activate or deactivate the visualization of the virtual obstacles on the rear view page on the MIA screen.

Mirrors & Wipers

Touch this soft-key to set the following modes.

- **Tilt Side Mirrors In Reverse**

By selecting this function the outside side-view mirrors will tilt downward when the ignition device is in **ON** position and the transmission is in R (Reverse) mode. The mirrors will move back to their previous position when the transmission is moved out of R (Reverse) mode.

- **Auto Folding Side Mirrors**

By selecting this function the rear-view mirrors automatically fold when the vehicle is locked by the key fob and when the boot lid is closed and locked by pressing the  button on the right side of the outer edge of the boot lid. When the vehicle and the boot lid will be unlocked, the rear-view mirrors will automatically open in the position they had before the lock.

If the mirrors were manually folded by the switch on the driver's door panel, before a lock action, they will need to be manually unfold to reactivate the automatic behave.

- **Headlights with Wipers**

By selecting this function, while the headlight lever is in "AUTO" position, the headlight will turn on approximately 10 seconds after the wipers are activated. The headlight will also turn off when the wipers deactivate if they were activated in the current mode.

Lights

Press the "Lights" soft-key to set the following modes.

- **Headlight Off Delay**

To change the current headlight off delay status when the electric motors are shut off, touch the "+" or "-" soft-keys to adjust the desired time range.

- **Headlights Illumination on Approach**

By selecting this function, the driver can choose to have the headlight on when the doors are unlocked with the key fob for a desired amount of time, set touching the "+" or "-" soft-keys.

- **Proximity Wake-Up**

By selecting this function, external lights, position lights, handle lights and external rear view mirrors lights will switch on.

- **Greetings Light**

By selecting this function, the activation of the headlight is activated unlocking the vehicle with the key fob; set touching the "+" or "-" soft-keys.

- **Auto Dim High Beams**

By selecting this function, the high beam headlight will deactivate automatically under certain conditions. See "External Lighting" in section "Understanding the Vehicle" for further information.

- **Adaptive Front Lights**

By selecting this function, headlights will switch on based off of the light sensor.

- **Headlight Dip** (right/left-hand drive)

By selecting this function, the headlights will change their light distribution when a left-hand-drive vehicle enter a Country with right-hand-drive system and vice versa.

- **Flash Lights with Lock**

By selecting this function, the headlights will flash when the doors are locked or unlocked with the key fob or when using the "Passive Entry" function.

Brakes

Touch this soft-key to set the following modes.

• Auto Park Brake

By selecting and check-mark this function, the EPB will automatically be engaged if the transmission is set in P (Park) mode.

• Brake Service

By selecting this function, the system will ask the driver to disengage the EPB to have the brakes serviced.

Doors & Locks

Touch this soft-key to set the following modes.

• Auto Door Locks

When this function is selected, all doors will automatically lock when the vehicle is in motion.

• Auto Unlock on Exit

By selecting this function, all doors will unlock when the vehicle is stopped, the transmission is in P (Park) or N (Neutral) mode and the driver's door is open.

• Flash Lights with Lock

By selecting this function, the headlights will flash when the doors

are locked or unlocked with the key fob or when using the "Passive Entry" function.

• Sound Horn with Lock

When this function is selected, the horn will sound when the doors are locked or unlocked with the key fob. The default status of this function is set to "Off" (no sound). The costumer could change the status to have a comfort, following the regulation in his country.

• 1st Press of Key Fob Unlock

By selecting this function you may set up only the driver's door or all doors mode will unlock on the first press of the key fob button. When "Driver Door" is selected, you must press the key fob button twice to unlock also the passenger's doors.

When unlocking "All Doors" by first press selection mode, all doors will unlock on the first press of the key fob button.

• Personal Settings Linked to Key Fob

This selected mode enables to combine the key fob to personal driver's position settings. These settings will be implemented when pressing the button on the key fob with ignition device in **ON** position.

• Power Boot Lid Alert

By selecting this function, the system plays an alert when the power boot lid is raising or lowering.

• Hands Free Power Boot Lid

To prevent the accidental opening of the power boot lid with Hand Free function with the movement of the foot, it is possible to disable this function. This operation is recommended when you have to wash the car (for further information, refer to "Open and Close the Boot Lid" in section "Before Driving").

• Walk Away Lock

Waling away from the vehicle, it will lock automatically once you exit the walk away zone.

NOTE:

Check by lights animation or by chime signal that the vehicle is locked.

Seat & Comfort

Press this soft-key to set the following modes.

• Auto-on Comfort

This function allows to activate the comfort of the driving seat when starting the electric motors.

If equipped, the driver's heated/vented seat and/or heated steering wheel will automatically activate by temperatures below -9°C (16°F). When temperatures



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are above 38°C (100°F) the driver vented seat will turn on.

Key Off Options

This function allows you to set some functions after turning off the electric motors.

• Headlight Off Delay

To change the current headlight off delay status when the electric motors are shut off, touch the “+” or “-” soft-keys to adjust the desired time range.

• Radio Off Delay

To change the current radio off delay status when the electric motors are shut off, touch the “+” or “-” soft-keys to adjust the desired time range.

NOTE:

If Switch On the MIA (Power On Button) with Radio Off Delay set, the brightness of the display decreases to the minimum status to preserve the battery.

• Radio Off with Door

When this function is selected, radio remains on until driver or passenger door is opened or when Radio Off Delay selected time expires.

Suspension

This function allows displaying and setting the following modes of the pneumatic suspension system.

• Display Suspension Messages

Select this mode to choose whether to display all suspension related messages (option "All") or only suspension warning messages (option "Warning only").

• Tire Jack Mode (Stationary Auto Levelling)

Select this mode to disable the pneumatic suspension to avoid automatic levelling, when vehicle must be lifted for changing a wheel or tire.

• Auxiliary Modes

Select this mode to choose between:

- **Transport Mode** to lower the pneumatic suspension to normal ride height and disable system operation to help vehicle loading and transport, for instance on the platform of a tow truck
- **Wheel Alignment Mode** to prevent automatic pneumatic suspension alignment when servicing suspension and/or steering parts
- **Off** (default mode)

Audio

This function enables to view and set the available audio modes depending on the type of audio system supplied on the car.

• Audio Settings

Touch this function to open the subscreen with all the audio settings items.

The following settings refer to the “High Premium” audio system.

• Balance/Fade

Use this screen to adjust the balance and fade settings. Touch and drag the speaker icon using the arrows to adjust them.

• Equalizer

This screen is used to adjust the “Bass”, “Mid”, “Treb” and “XBass” settings. Adjust the settings with the “+” and “-” setting soft-keys or scroll and touch the slider in any point on the scale between the “+” and “-” soft-keys.

• Speed Adjusted Volume

This function increases or decreases volume combined to vehicle speed. To change the speed adjusted volume touch the “Off”, “1”, “2” or “Max” soft-key.

• Surround Sound

This function provides simulated surround sound mode. Available settings: “Off”, “2D” and “3D”.

• Surround Sound Intensity

This function increases or decreases the intensity of the surround sound. Adjust the settings with the “+” and “-” setting soft-keys or scroll and touch the slider between the “+” and “-” soft-keys.

• Auto Play



When a portable device is connected via USB port to MIA system, it plays automatically the songs if this function is set to "On".

- **Auto-On Radio**

This function has three states: "ON", "OFF" and "Recall Last". When set to "OFF" the Radio will not turn on after ignition cycle. When set to "ON" the Radio will turn on after an ignition cycle. If you choose "Recall Last" the Radio recalls the last state.

- **Radio Off with Door**

When this function is selected, radio remains on until driver or passenger door is opened or when Radio Off Delay selected time expires.

- **Volume Adjustment**

Use this screen to adjust the volume settings of the different sources (Media, Phone, Navigation and Voice Recognition). Touch and drag the bar or use the "-" and "+" soft-keys to adjust the volume.

- **Tuning Mode**

Use this screen to choose between 2 different set-up for characterizing the listening experience (see "Audio System" in section "Understanding the Vehicle" for further information).

- **Media Expander**

Application of algorithm for processing MP3 files or low

resolution/compressed sources to improve sound quality. Available settings: "On" and "Off".

Notification

Touch this soft-key to set the following modes.

- **Notifications Sounds**

By selecting this function it is possible to turn on and off notifications volume.

- **App Drawer Favoriting Popups**

By selecting this function it is possible to turn on and off popup for "App Favorited".

- **App Drawer Unfavoriting Popups**

By selecting this function it is possible to turn on and off popup for "App Unfavorited".

- **New Text Message Popups**

By selecting this function it is possible to turn on and off the receiving/storing of a popup for new text messages of any connected phone.

- **Missed Calls Message**

By selecting this function it is possible to turn on and off the receiving/storing of a popup for missed calls of any connected phone.

- **Navigation Popups**

By selecting this function it is possible to turn on and off the receiving/storing of predictive Navigation popups and

any other Navigation popups that can be turned off.

- **Wireless Charger Status Popups**

By selecting this function it is possible to turn on and off the Wireless Charger status popups.

- **Drive Mode Transition Popups**

By selecting this function it is possible to turn on and off Drive Mode change pop-ups on the MIA display.

Radio Setup

Touch this soft-key to set some listening options.

- **Traffic Announcement**

By selecting this function the system pauses receivers and media to issue traffic reports.

- **DAB Announcement** (if supported)

Digital radio extends the selection of stations, adding also numerous specialty channels. By selecting the DAB type of frequency you may listen to connection type announcements and announcement categories.

- **DAB Announcement Categories**

By selecting DAB Announcements Categories (if supported) are displayed additional Categories such as: alarm, event announcement, etc...

- All these items can be set to "On" or "Off".



• Alternative Frequency

By selecting this function the system allows the frequency to change automatically to maintain the strongest signal.

• Regional

By selecting this function the system forces regional services enabling the automatic switching to networked stations.

Geolocation

Touch this soft-key to set the following modes.

• Geolocation

By selecting this function it is possible to disable or re-enable the GPS tracking in the vehicle.

Software Updates

Touch this soft-key to set the following modes.

• Software Downloads over Wi-Fi

By selecting this function you can download the MIA software via Wi-Fi.

System Information

Touch this soft-key to set the following modes.

• Version Information

By selecting this function you can access the data page relating to the software version installed on MIA.

• License Information

Reset

Touch this soft-key to set the functions which allow you to reset data, Apps and password used by MIA system .

• Restart Radio

• Reset App Drawer to Default Order

By selecting this function a popup will appear asking user to confirm App Drawer resetting. Select "Yes" to restore, or "Cancel" and "X" to close the popup without reset the App Drawer.

• Restore Setting to Default

When this function is selected, it will reset the "Clock", "Audio", and "Radio" settings to their default settings.

Run this function and a pop up will appear asking user to confirm default settings resetting. Select "Yes" to restore, or "Cancel" and "X" to exit. Once the settings are restored, a pop up appears confirming that settings have been reset to default and then the MIA will restart.

• Clear Personal Data

When this function is selected, it will remove personal data concerning settings and/or options that have been modified compared to factory settings and will also remove from system memory Bluetooth devices, Apps and presets.

To remove personal information, select this function and a pop up will appear

asking confirmation to delete all personal data. Select "Yes" to clear, or "Cancel" and "X" to exit. Once the data have been cleared, a pop up appears confirming that personal data have been cleared and then the MIA will restart.

NOTE:

This function is guaranteed when:

- the vehicle is stationary with the ignition device ON.
- 15 minutes have passed since the vehicle is turned off (including the MIA screen); the operation will be performed at the next key on.

Non-observance of the previous indications could fail partially or at all the executions of the function.

• Reset Wi-Fi Password for Projection

By selecting this function a popup will appear with the request to confirm the intention to change the Wi-Fi password. Select "Yes" and then "OK" to reset the password, or "Cancel" and "X" to close the popup without reset the Wi-Fi password.

• Reset Performance Values

By selecting this function a popup will appear with the request to confirm the intention to reset performance values. Select "Yes" and then "OK" to reset the values, or "Cancel" and "X" to close the



popup without reset the performance values.

• Factory Reset

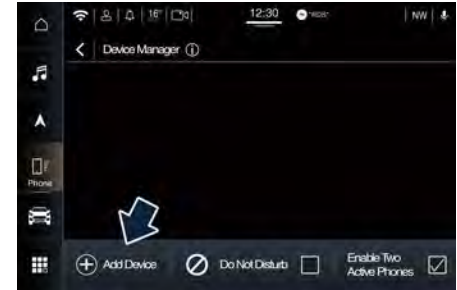
Selecting this function a popup will appear with the request to confirm the intention to reset the MIA to the factory defaults. The "Yes" choice will cause the MIA to restart and the backup camera, the radio, SOS Call and several driving assistance functions will not be available. This could take several minutes. Select "Cancel" or "X" to close the popup without resetting the factory defaults.

Mobile Phone Pairing

NOTE:

This operation is only possible with the vehicle stationary because the "Add Device" function is disabled while in motion.

1. Ensure that Bluetooth® is enabled on your phone.
2. Touch the "Phone" soft-key on the main category bar of the MIA. If there are no paired devices, a pop up will invite you to choose.
3. If you choose "Yes", the system will search for available devices on your Bluetooth®-enabled mobile phone (go to step 7).
4. If you have selected "No" instead and you want to choose between one of the already paired phones or pair a new one, the system will load the following screen.
5. Touch the "Device Manager" soft-key to see the paired devices.
6. To pair a new device, touch the "Add Device" soft-key to start the pairing process.



NOTE:

For the next steps, you will need to use the mobile phone controls.

7. The "Bluetooth Pairing" screen with a randomly generated pin will be displayed. Touch "Search" for Bluetooth Devices" soft-key. On your phone the available devices are usually in the "Settings" or "Bluetooth Options" menus. If not so, look up in your phone's manual. A randomly generated pin will be displayed.
8. If your phone being paired uses SSP Pairing the screen will change in the following screen with a randomly generated 6 digit pin after you have selected "Uconnect" on your device.
9. At this point, to start the pairing process you need to confirm the pin matches the one displayed on your phone by touching the "Yes" soft-key.
10. If the pairing process was successful, the following screen will be displayed.



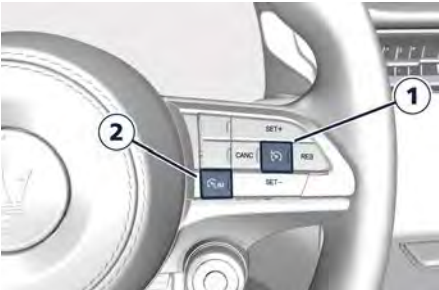
From this screen you can add the paired device to your favourites or connect Apple CarPlay™ (see “Maserati Intelligent Assistant™ (MIA)” guide for further information).

Controls on Steering Wheel

ADAS Controls

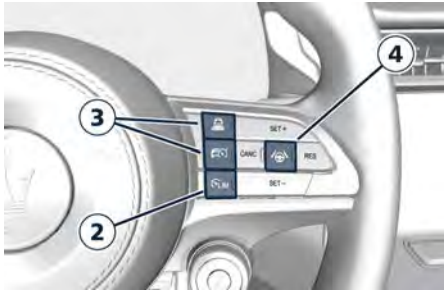
The controls on the right side of the steering wheel are dedicated to ADAS systems and their presence and layout depend on the car's options.

The “Standard Configuration” includes the controls of the **1** Cruise Control (CC) and **2** Speed Limiter (SL) systems.



Standard Configuration

The other two "Optional Configuration" add the **3** Adaptive Cruise Control (ACC) and/or the **4** Active Driving Assist (ADA) button to the Cruise Control (CC) and **2** Speed Limiter (SL) systems.

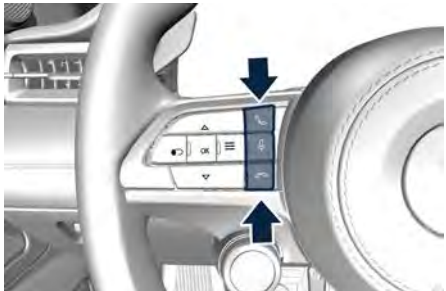


Optional Configuration

For all information on the use of these commands, see the chapters on the individual ADAS systems in the section “Driving and Driver Assistance Systems”.

Phone and Voice Controls

The controls on the left side of the steering wheel activate (📞) / deactivate (📞) the phone mode and the Voice Recognition (🗣️) functions.



These functions are only available when one or more Bluetooth® compatible mobile phones are paired with the MIA system connection.

To pair a phone and to learn all available functions refer to the "Maserati Intelligent Assistant™ (MIA)" guide.

NOTE:

On the Maserati website, at www.maserati.com, or through the **Maserati Service Network** you may consult the list of telephones that are compatible with the MIA, and their level of compatibility.

The voice command communication system is fully integrated with the vehicle's audio system.

The volume can be adjusted from the "VOLUME" capacitive touch button on the Comfort Display (see "Maserati Intelligent Assistant™ Operation" in this section) or from the steering wheel audio controls described in this chapter.

The system will automatically mute the radio when using the phone mode.

When activating the phone mode using voice commands with speakerphone, you should talk quietly in a normal conversational tone by keeping the driving position and turning to the microphones of the voice command system located on the roof panel.

The ability of the system voice control to recognise the user's voice commands can be invalidated when speaking too quickly or too loudly.

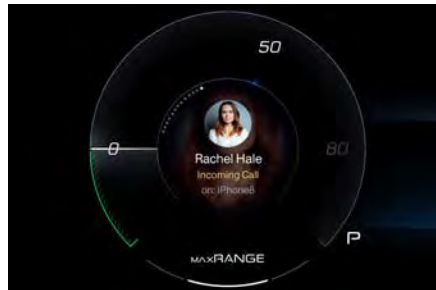


WARNING!

Any voice-controlled system should be used only in safe driving conditions following all applicable regulations. Full attention should be kept on driving. Failure to do so may result in a collision causing serious injury or death.

Phone Mode Button

By using the phone button  on the steering wheel it is possible to: activate the phone mode, start a call, show recent incoming and outgoing calls, show contacts list, etc.



Phone call status information during an active call will be shown in the widget area of the cluster display.

Touching the active call soft-key on the main category bar, the "Phone" page will open.

Information on incoming call is indicated in a pop up on instrument cluster display widget area if this function is checkmarked on MIA (see "Functions of Settings Menu on MIA" in this section). Said information will stay displayed until a control is executed (e.g.: answer, reject, etc.) for the incoming call.

The screen will only display the phone number or name of caller (if available) as long as this complies with system specifications in terms of font and number of characters.

Call details can be displayed at any time through Recent Calls submenu of Quick Actions () button on the left side of the steering wheel. On display, said details shall temporarily replace the ones on media source in use.

To close a call, use the phone button (.

Voice Recognition Button

The short pressure of the VR  button on the steering wheel allows you to give voice commands dedicated to all the native functions of the MIA (radio, media, navigator, etc.). Excluded are all functions that interact with the Apps: "Apple CarPlay", "Android Auto" and "Baidu CarLife" or those of the voice



Dashboard Instruments and Controls

assistants: Siri, Google Voice, etc..., supported on the mobile paired via Bluetooth® to the MIA.

The voice assistant of Baidu is not available with mobile paired via Bluetooth® to the MIA because Baidu CarLife™ is a projection mode application.

Google Voice is supported only in Android Auto™ and not via Bluetooth®.

A long pressure of the VR  button, in addition to the native ones of the MIA, allows to give voice commands dedicated to the above mentioned Apps and voice assistants.

NOTE:

The pressure difference of the VR  button (short or long) is effective only when the mobile is paired via Bluetooth® to the MIA.

On the markets where it is available, once voice recognition is activated via the VR  button on the steering wheel, a “teleprompter” screen is displayed on the MIA with a list of commands specific to each active function key shown on the vertical menu bar in the left side of the screen.

The teleprompter screen shall always open at the "Suggested" menu. Selecting a different menu will bring up commands within that menu.

The key words to activate the dialog are white, the variable ones grey between the symbols "< >" and the alternative ones after the slash "/".

Touching voice help  soft-key the help response will be reproduced. It will have the same function as saying help. If the dialogue is paused, at the end of the help  prompt the teleprompter will return to the listening status.

Touching setting  soft-key the voice session will be cancelled and will open the voice settings page.

At the top centre of the teleprompter screen is displayed an animation representing the listening, processing and speaking state. While in the listening state, the animation will react to the microphone input: when in speaking state, will react to the prompt.

Touch the "Cancel" soft-key to end the voice dialog and close the teleprompter screen.

Touching one of the soft-key on the main category bar, the session is cancelled and displays the selected category screen.

When pressing the VR  button an acoustic signal will invite to give a voice command.

NOTE:

For further details refer to the "Maserati Intelligent Assistant™ (MIA) guide".

Siri Smart Personal Assistant

When a compatible iPhone® or iPad® that supports Siri voice recognition is paired to the vehicle via Bluetooth®, a long press of the VR  button activates the Siri Smart Personal Assistant.

Siri requires mobile internet access and its functionality might change depending on the geographical area.

Through simple voice commands, without taking your eyes off the road, it may be possible to send messages, make phone calls, create notes and reminders, etc.

Audio System Controls

The vehicle is equipped with audio controls which allow the driver to operate the audio system. These controls can be used to adjust audio volume, change radio station or mode (FM, AM, USB, etc).

These audio controls are rocker-type switches with a button in the centre and are located on the rear side of the steering wheel, right behind the front switches.



Press any button to display information on the radio station or track being listened to inside a pop up for 2 seconds on instrument cluster.

The right-hand control manages the volume.

By pressing the top of the rocker switch you can increase the volume and by pressing the bottom of the rocker switch you can lower it. Press the centre button to mute the volume.

The left-hand control functions depend on the current source. To change source, press the centre button.

When in “Radio” mode, pressing the top of the switch will “Seek” up for the previous listenable station and pressing the bottom of the switch will “Seek” down for the previous listenable station. When an external source is connected to MIA, a light press on the top of the switch will play the next track on the device connected.

Press the bottom of the switch once to go to the beginning of the current track, or to the beginning of the previous track if it is within 1 second after the current track begins to play.

If you press the switch up or down twice, it plays the second track; three times, it will play the third one, etc.

External Lights Controls

Controls on Comfort Display

The controls for managing the external lighting are located on the left multifunction lever behind the steering wheel and in a side menu of the Comfort Display as follows:

1. External lights soft-keys
2. Parking lights soft-keys
3. Rear fog lights soft-key



The indicator lights of the status lights active are shown in the left lower side of the instrument cluster (area 8a.3 and 8a.4): 8a.4 is a rolling area where low beam and high beam lights may appear (for the areas description, see “Instrument Cluster Overview” in this section).



Dashboard Instruments and Controls



When a turn signal is activated, the related indicator light is displayed in the side sectors of the instrument cluster dedicated to the hard telltales.





External Lights Switch Operation

Every time the user turns the vehicle on (key on), lights status is automatically set to AUTO mode. When the user turns the vehicle off (key off) with the low beams active, the functional status will be set to OFF.

Starting from key off, the table shows the functions that can be activated by pressing the lights switch in succession and their display on the instrument cluster.

Vehicle state	Lights function with action on Comfort Display	Indicator light in area 8a.3 an 8a.4
Key off	Light controls and slope grayed out. Parking light  OFF.	-
Key off	Light controls and slope grayed out. Parking light  ON.	-
Key on	Light control in OFF position.	-
Key on	Light control in AUTO position.	 Low beam off
		 Low beam on
Key on	Light control in Low beam  position	
Key on	Light control in position light  position	



Dashboard Instruments and Controls

Parking Lights

All parking lights can be activated via soft-key only when in Key off.

Parking lights left or right side separately can be activated via soft-key in the light menu on the Comfort Display only when in Key off.



If you want to leave only those on one side (right/left) switched on, you need to select only one of the two soft-keys: the left one to leave the parking lights on the left side on, the right one to leave those on the rights side on.

Daytime Running Lights (DRL)

DRL are activated in AUTO mode during day time.

The use of low beams deactivates the DRL to activate parking lights.

During night time, the use of AUTO mode deactivates the DRL to activate parking lights.

Together with the DRL lights are also turned on the number plate lights.

NOTE:

In countries where DRL use is not required, these lights can be switched off.

Low and High Beam Lights

Low beam lights can be switched on manually or automatically in AUTO mode based on the ambient brightness detected by the twilight sensor. Both modes are activated using the soft-keys in the light menu on the Comfort Display. With low beam lights switched on manually or automatically in AUTO mode, the high beam lights can be switched on pushing the left multifunction lever towards the instrument cluster.



With high beam lights on, the  blue indicator light on the 8a.4 area of the

instrument cluster will come on at the same time.

The high beam lights are switched off by pushing the left multifunction lever again. The  indicator light switches off on the instrument cluster.

Twilight Sensor

This is composed by an infrared LED sensor on the windscreen that works in conjunction with the rain sensor. It is able to detect variations in the outside light level.

The functionality of the twilight sensor is essential for the management of the external lights when the AUTO mode is selected.

Blinking

The flashing of the high beam lights is activated by pulling the left multifunction lever towards the steering wheel, the lights remain on while you are operating the lever.

Rear Fog Light

The rear fog light soft-key is on the bottom left of the Comfort Display. Press it to switch the rear fog light on: the soft-key will light on in an amber colour.

The  amber rear fog indicator light is displayed on instrument cluster when function is enabled.

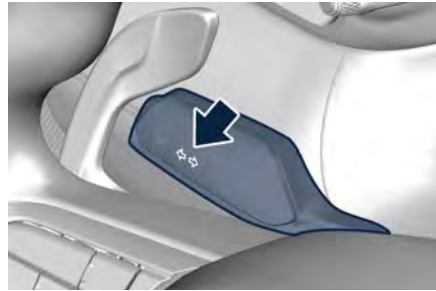


The rear fog light switches on only when the low beam lights are switched on. The light can be switched off by pressing the icon again or by switching off the low beam lights.

When the electric motors are stopped with the rear fog lights on, the next time the electric motors are started the lights will, however, be off.

Direction Indicators

Move the left multifunction lever all the way up or down until the stop trigger; the ◁ left or ▷ right indicator light on the lateral sectors of the instrument cluster flashes to show proper operation of the front and rear direction indicator lights.



To activate lane change function, tap the lever up or down once, without moving beyond the detent. The direction indicators (right or left) will flash three times then automatically turn off. This function is useful when overtaking or changing lanes.

NOTE:

If either light remains on and does not flash, or flashes at a fast rate, check for a defective outside light. If an indicator on instrument cluster fails while moving the lever, then the direction indicator is probably defective.

Lights Failure Messaging

The failure conditions (example: “High beams fail service required”, “Right turn signal light out”, etc..) are notified on instrument cluster with a pop-up message and with the switching on of the dedicated warning light, if present.

In these cases, contact the **Service Network**.



Internal Light Controls

Dome Console Lights

The dome console includes two lateral lights.



Both the lateral lights automatically turns on when one of the doors is opened and turns off when the door is locked and the ignition device is in **ON** position and if the greeting lights are active on the MIA screen (see paragraph "Functions of Controls Menu on MIA" in this section). The light may be switched on manually by pressing both buttons. The switching on and off of the lateral lights can be controlled by the respective buttons (reading function). Pressing a single button will switch on the respective front light. The central button on the dome console switches on all compartment lights. Pressing the button a second time, all lights are switched off.

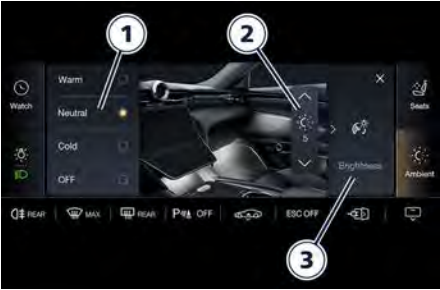
NOTE:

The dome lights will also turn on by pressing the  button on the key fob if the greeting lights are active on the MIA screen (see paragraph "Functions of Controls Menu on MIA" in this section).

Interior Brightness Adjustment

The interior and external greeting lights turn on and off when entering/exiting the vehicle.

The brightness and tone of the ambient lights, controls and instruments , but not the dome console lights, can be adjusted via the Ambient Menu on the Comfort Display.



1. Set ambient light tone
2. Set ambient light tone brightness (max value reached 6)
3. Screen and controls brightness menu (max value reached 6)

Wipers and Washers Control

The right multifunction lever controls wiper and washer operation. This operates only with the ignition device at **ON**.

Windshield washer low fluid level is indicated by the warning light and by a message on the instrument cluster.



To refill the fluid, see “Maintenance Procedures” in section “Maintenance and Care”.

WARNING!

- Do not start the washers during the cold months until the windshield has warmed up. If it has not warmed up, the liquid could freeze on the glass and block your view.

- Sudden loss of visibility through the glass could lead to a collision. You might not see other vehicles or other obstacles. To avoid sudden icing of the glass during freezing weather, warm them with the defroster before and during washer use.



CAUTION!

- Before operating the wiper, make sure that there are no obstructions that prevent the operation and complete movement of the blades and their arms (ice, snow, external elements, etc.).
- Never use the wipers to remove layers of snow or ice from the glass. In such conditions, the windshield wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not subsequently restored, even after restarting the electric motors, contact the **Service Network**.
- In cold weather, always turn off the wipers control and allow the wipers to return to the park position before turning off the electric motors. If the wipers control is left on and the wipers freeze, the wipers motor may be damaged when the vehicle is restarted.

- Always remove any buildup of snow that prevents the wiper blades from returning to the off position. If the wipers control is turned off and the blade cannot return to the off position, the wipers motor may be damaged.
- Do not operate the wipers with the blade lifted from the glass.

Operation of Control

The ring on the lever can be set to the following positions:

- 0 windshield wiper off;
- A rotating the ring to the first position activates the first sensitivity level of the rain sensor;
- A rotating the ring to the second position activates the second sensitivity level of the rain sensor;
- rotating the ring to the third position activates the first continuous speed level of the windshield wipers in manual mode;
- rotating the ring to the fourth position activates the second continuous speed level of the windshield wipers in manual mode.



Move the right multifunction lever upwards (unstable position) to activate the MIST function for the windshield: its operation is limited to the time for which the lever is held in this position. When released, the lever will return to its default position and the windshield wipers automatically stop. This function is useful to remove small deposits of dust from the glasses, or morning dew.

NOTE:

MIST function does not activate the washer; washer fluid will not therefore be sprayed onto the glass. To spray washer fluid onto the glass, the washing function must be used.

With ring in position — or —, the windshield wiper will automatically adapt its operating speed to the speed of the car.



Dashboard Instruments and Controls

“Smart washing” Function

Pull the right multifunction lever towards the steering wheel (unstable position) to operate the windshield washer. Keep the lever pulled to activate both the windshield washer jet and the windshield wiper with a single movement; the latter turns on automatically.

The windshield wiper stops working three strokes after the lever is released. A further stroke after approx. 6 seconds completes the wiping cycle.

Head Windshield Washer Nozzles

To avoid fluid freezing inside at low external temperatures, the fluid supply nozzles can be heated by internal resistors.

Rain Sensor Operation

The rain sensor is located behind the interior rear view mirror, in contact with the windshield and can detect the presence of rain and, consequently, manage the cleaning of the windshield in accordance with the amount of water on the windshield.



The sensor has an adjustment range which varies progressively from wiper still (no stroke) when the windshield is dry, to wiper at 2nd continuous speed (fast continuous operation) with intense rain.

Positions **•A** and **••A** correspond to sensitivity level 1 and 2 of the rain sensor.

Activation

Turn the ring of the right multifunction lever to position **•A** or **••A** to activate the rain sensor.

The activation of the sensor is signaled by a flick of the wiper (indicating that the command has been acquired).

The variation in sensitivity during rain sensor operation is also signaled by a flick of the wiper (command acquired and implemented). This stroke is also executed with the windshield dry.

If the windshield washer is used with the rain sensor activated, the normal washing cycle is performed, after which the rain sensor resumes its normal automatic operation.



CAUTION!

- Keep the glass in the sensor area clean.
- With the windshield wiper ring turned to the **—** or **••A** position, wiping operates automatically and is disabled when the outside temperature is below 0 °C (32 °F).
- Use on the windshield of RainX® or products containing wax or silicone may reduce rain sensor performance.

Deactivation

Use ring of the right multifunction lever or place the ignition device in **STOP** position.

In the event of malfunction of the rain sensor whilst it is active, the windshield wiper operates intermittently at a speed consistent with the sensitivity setting of the rain sensor, regardless of whether there is rain on the glass, while sensor failure is indicated on the display (see “Warning and Indicator Lights” in this section).

The sensor continues to operate and it is possible to set the windshield wiper to continuous mode **—** or **—•**. The failure

indication remains for as long as the rain sensor is active.

The rain sensor is able to recognize, and automatically adjust itself in the presence of the following conditions:

- presence of dirt on the controlled surface (e.g. salt, dirt, etc.);
- presence of streaks of water caused by the worn window wiper blade;
- difference between day and night.



CAUTION!

Do not activate the rain sensor when washing the car in an automatic car wash.



WARNING!

Make sure the device is turned off whenever the windscreen glass must be cleaned to avoid personal injury.

Smart Clock

To configure the digital clock located on the centre of the dashboard between the air outlets, use the Watch menu on the Comfort Display.



It is possible to choose among 3 digital clock theme (Classic, Sport and Design); other different contents can also be selected (example: Compass, Pedals, Electric Status,...) swiping the list on the left of the screen.



The time can be displayed also on the MIA upper status bar and on the instrument cluster display (see “Functions of Settings Menu on MIA” in this section).

Clock lighting works in the same way as instrument and controls backlighting (refer to “Interior Brightness Adjustment” in chapter “Internal Light Controls” in this section).



Air Conditioning Controls

The vehicle is equipped with an automatic dual-zone air conditioning system that allows to adjust separately the temperature and the airflow distribution in the left and in the right zone of the passenger compartment, according to the requests of the driver and the front passenger.

A humidity sensor, positioned on the inner surface of the windshield, over the rear view mirror, allows the A/C system to prevent/eliminate fogging of the windshield and side windows.

The best efficacy in preventing fogging is obtained by selecting the "AUTO" function, described later.

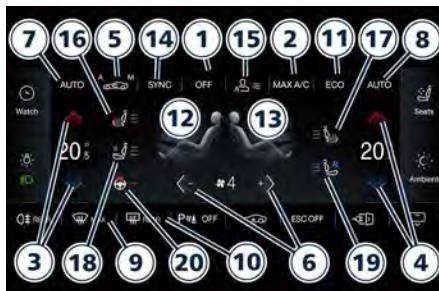
A dual zone solar sensor helps to achieve the best comfort in presence of solar radiation.

Dual Zone Climate Controls

This system can be operated by using the Climate main page of the Comfort Display.

Description of Controls

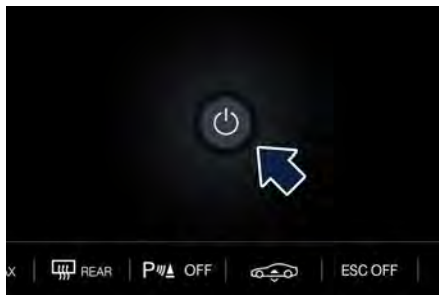
All described functions can be set and modified using the soft-keys on the Comfort Display.



1. Climate control on/off

Touch the "OFF" soft-key to switch the climate control off.

The menu will switch on again touching the soft-key indicated in picture.



2. MAX A/C

By pressing the "MAX A/C" soft-key it will full illuminate and the system automatically gets the maximum cold air flow in both zones. Touching again the "MAX A/C" soft-key, the "MAX" light will switch off letting the "A/C" light on and

the system switches to "A/C" to change the current air conditioning setting. A third press of the soft-key will disable the function.

3. Driver temperature control

Provides the driver with independent temperature control. Touch the blue ✓ soft-key for cooler temperature.

Touch the red ^ soft-key for warmer temperature. Between the arrows, the current temperature is displayed

NOTE:

In "SYNC" mode, this control will also automatically and simultaneously adjust the passenger temperature.

4. Passenger temperature control

Provides the passenger with independent temperature control.

Touch the ✓ soft-key for cooler temperature. Touch the ^ soft-key for warmer temperature. Between the arrows, the current temperature is displayed.

NOTE:

Pressing the 4 button/soft-key while in "SYNC" mode will automatically exit "SYNC" and it is possible to adjust the temperature on the passenger side.

5. Recirculation

Press to change the current setting, the relevant soft-key illuminates to indicate which recirculation function is activated.

For further details, see paragraph “Dual zone Climate Control Functions” in this chapter.

6. Blower control

Blower control is used to adjust the amount of air forced through the climate system. Eight levels of blower speed can be selected. Adjusting the blower will cause automatic mode to switch to manual.

Touch the – or + arrow to select the blower speed you want to set.

7-8. AUTO

This function automatically controls the interior temperature by adjusting the air flow rate and the air distribution respectively on the driver and on the passenger zone. Press “AUTO” to switch the ATC between manual and automatic mode. The “AUTO” soft-key illuminates in amber when the automatic function is activated. See “Automatic Temperature Control (ATC)” in this chapter for more information.

9. MAX defrosting/demisting

Press the soft-key to switch the airflow setting to the windshield and the front side windows to get quick defrosting/defogging. The soft-key illuminates in amber when this function is activated. Operating this function will cause the ATC to switch into manual mode: the “AUTO” soft-key will turn off. With

electric motors off, the blower will run at minimum speed (level 1) and can be increased manually: with electric motors on, the blower speed will gradually increase to the higher speed (level 8). MAX defrosting/demisting shall also involve REAR defrosting/demisting function. If this function is turned off the climate system will return to the previous setting.

10. REAR defrosting/demisting

Press the soft-key to turn on the rear window defroster and the heated outside mirrors. The soft-key will illuminate in amber when the rear window defroster and the heated external mirrors are on. The rear window defroster and the heated external mirrors automatically turn off after 10 minutes. For any subsequent request after the first one (in the current ignition cycle), the system activates the function for 5 minutes. The timing described above is automatically reset and the defrost/demisting function is deactivated at each key-off.



CAUTION!

Failure to observe the following cautions may cause damage to the rear windows defroster:

- Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.
- Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.
- Keep all objects inside the vehicle at a safe distance from the window.

11. ECO

In AUTO mode, ECO is always the climate default function that is the best compromise between cabin comfort and energy efficiency (see "Functions of Drive Mode Menu on MIA" in this section).

Press ECO soft-key to deactivate/activate the function.

12-13 Air flow distribution modes

The airflow distribution mode, respectively on the driver and on the passenger zone, can be adjusted so air comes from the dashboard vents, vents under the dashboard in direction



Dashboard Instruments and Controls

of the floor, demist/defrost vents and adjustable vents at the rear end of the central tunnel for the rear passengers only.

The Comfort Display shows the relevant soft-keys to set these modes individually for each zone.

Available settings are as follows:

- **“Dashboard” mode**

Air for each zone flows from four adjustable vents of the dashboard and two positioned at the rear end of the central tunnel. Each of these vents can be singly adjusted. The air grids or vanes of the vents can be moved to adjust air flow direction. A setting wheel, placed near each vent, allows to regulate or close the airflow.

- **“Bi-Level” mode**

Air for each zone flows from the dashboard and central tunnel adjustable vents and from the fixed floor vents described in "Floor" mode.

NOTE:

Bi-Level mode is designed to let cooler air come in the dashboard and rear part of the central console vents and warmer air from the floor vents.

- **“Floor” mode**

Air for each zone flows from the fixed front vents, located under the dashboard. A small portion of

the airflow is directed through the defrost/demist vents to prevent windows fogging.

- **“Mix” mode**

Air for each zone flows from the defrost/demist vent, the fixed vent under the dashboard and which from floor vent described in "Floor" mode.

This mode is recommended for cold climates, to improve comfort and prevent windows fogging.

- **“Defrost” mode**

Air for each zone flows from the dashboard defrost/demist vents to prevent windows fogging.

- **“Hi-Level” mode**

Air for each zone flows from the dashboard defrost/demist vents, from the dashboard and central tunnel adjustable vents.

- **“Tri-Level” mode**

Air for each zone flows from all the adjustable/fixed and defrost/demist vents and from the fixed floor vents described in "Floor" mode.

14. “SYNC” mode

Touch the “SYNC” soft-key on the Comfort Display to switch the Sync function on/off. The “SYNC” soft-key illuminates in amber when this function is selected. This function is used to synchronise the passenger temperature

setting with the driver temperature setting.

Changing the passenger temperature setting while in “SYNC” will automatically exit this function.

15. Climate air flow

With AUTO function on, the air flow can be set in three different ways: Intense, Normal and Gentle.

16. Driver's heated seat

Touch the soft-key on the Comfort Display to activate the seat heating. The seat is provided with three levels of heating. Every level is represented by the number of arrows on the seat image and red lines nearby.

Select the level of seat heating by touching more than once the soft key.

17. Passenger's heated seat

Touch the soft-key on the Comfort Display to activate the seat heating. The seat is provided with three levels of heating. Every level is represented by the number of arrows on the seat image and red lines nearby.

Select the level of seat heating by touching more than once the soft key.

18. Driver's ventilated seat

Touch the soft-key on the Comfort Display to activate the seat ventilation. The seat is provided with three levels of ventilation. Every level is represented by

the number of arrows on the seat image and blue lines nearby.

Select the level of seat ventilation by touching more than once the soft key.

19. Passenger's ventilated seat

Touch the soft-key on the Comfort Display to activate the seat ventilation. The seat is provided with three levels of ventilation. Every level is represented by the number of arrows on the seat image and blue lines nearby.

Select the level of seat ventilation by touching more than once the soft key.

20. Heated steering wheel

Touch the soft-key on the Comfort Display to activate the steering wheel heating. The steering wheel is provided with one level of heating represented by a red line nearby.

Dual Zone Climate Control Functions

Air Conditioning (A/C)

The second press of the "MAX A/C" soft-key allows to manually activate or deactivate the air conditioning system. When the air conditioning system is turned on, cool dehumidified air will flow through the vents into the cabin. For improved power economy, touch the "MAX A/C" soft-key a third time to turn off the air conditioning and manually

adjust the blower and airflow mode settings.

When the A/C and automatic functions are switched off it is not possible to have air at a lower temperature than the outside.

Recirculation and Air Quality Sensor (AQS)

When outside air contains smoke, odours, or high humidity, or if rapid cooling is desired, you may wish to recirculate interior air by pressing the recirculation soft-key to activate the two different functionalities.

The recirculation function, that allows to open/close the A/C air inlet by operating the soft-key, is integrated with the Air Quality Sensor.

This sensor, positioned upstream of the A/C filter, in front of the air intake of the A/C system, detects the presence of polluting substances and submits an electric signal to the A/C control unit, that closes the intake of the external air by activating the air recirculation.

The soft-key can therefore enable 3 operating modes, switchable in sequence: "Auto", "Manual" and "Open". Starting from the outside air condition ("Open" mode) with soft-key not coloured in amber, in which the external air is aspirated by the A/C system and treated to be introduced into the

passenger compartment, subsequent actuations of the soft-key change the state as follows.

- First press - "Auto" mode : the A/C system activates the automatic recirculation control by using the signal transmitted from the AQS. The Comfort Display soft-key with the symbol "A" in white illuminates in amber
- Second press - "Manual" mode: the A/C system activates the recirculation, the soft-key with the symbol "M" in white illuminates in amber. The A/C system will stay this way up to a new actuation, or until the increased humidity could lead to windshield fogging: in this case the recirculation automatically switches to external air.
- Third press - "Open" mode: the A/C system switches back to external air (default operating mode).

The next press of the soft-key restarts the operating cycle just described.

NOTE:

To avoid the risk of fogging, the AQS is disabled when the external temperature falls below 2 °C (35 °F).



NOTE:

In cold weather, use of recirculation mode may lead to window fogging. Select the MIX mode and increase the blower speed to prevent fogging.

MAX A/C

Activating this function, the system switches to exit automatic mode and enter A/C and recirculation functions. The minimum temperature (LO) in both zones, the maximum blower speed and the "Dashboard" air distribution mode are also selected.

The blower speed can be adjusted without exiting "MAX A/C". To exit "MAX A/C" touch the relevant Comfort Display soft-key until it becomes white or exit A/C or recirculation functions.

Selecting "MAX A/C", "AUTO", or "OFF", will also exit "MAX A/C".

Automatic Temperature Control (ATC)

Automatic operation

The system activates automatic mode in the following ways:

- Press the "AUTO" soft-key of driver and/or passenger zone on the relevant soft-key button on the Comfort Display. The text "Auto" will appear inside the area usually occupied by the blower speeds.



- Set the desired temperature adjusting the driver and/or passenger temperature control buttons or soft-keys. The system automatically work to maintain the best comfort level inside the passengers compartment.
- When the system is set up for your comfort level, it is not necessary to change the settings anymore, simply allow the system to function automatically.

- To provide you with maximum comfort in the automatic mode, during cold start-ups the blower speed will remain low until the electric motors warm up.
- AUTO mode can be deactivated by operating any airflow or blower controls and by pressing "AUTO", "MAX A/C", "OFF" or "OFF" soft-key.

Manual operation

The system allows manual selection of blower speed, air distribution mode, A/C status and recirculation control. The blower fan speed can be set to any fixed speed by using the blower control. In this case the blower will operate at a fixed speed until a different speed is selected. This allows the front occupants to control the volume of air circulated in the vehicle exiting the automatic mode. The user can also choose the direction of the airflow by selecting one of the available mode settings. A/C operation, recirculation control and SYNC mode can also be manually selected.

Operating Tips

- Continuous use of the air recirculation in winter, in rainy weather or humid climate is not recommended because it may cause window fogging.
- Interior fogging on the windshield can be quickly removed by fast defrosting/demisting. The "Mix"



mode can be used to maintain a clear windshield and provide sufficient heating. If side window fogging becomes a problem increase blower speed.

NOTE:

- Recirculation mode without A/C should not be used for long periods of time, as fogging may occur.
- If inside the passenger compartment there are conditions of high temperature and humidity, when the A/C compressor is switched on there may be some cold steam at ventilation port outlet: this situation is normal and does not indicate air conditioning system malfunction.
- Automatic Temperature Controls (ATC) will automatically adjust the climate control settings to reduce or eliminate window fogging on the front windshield.
- Make sure the external air intake grille, located directly in front of the windshield, is free of obstructions such as leaves or other objects. Leaves collected in the air intake may reduce airflow, and if they enter the plenum, they could plug the water drains. In winter make sure the air intake is clear of ice, slush, and snow.
- The temperature can be displayed in Metric or US units by selecting

the “Units” customer programmable function. See “Functions of Settings Menu on MIA” in this section.

- Any time you store your vehicle or keep it stationary (i.e., during vacation) for two weeks or more, run the air conditioning system at idle for about five minutes in the fresh air by high blower setting. This will ensure adequate system lubrication and minimize the possibility of compressor damage when the system is started again.



WARNING!

The air conditioning system as well as having a comfort function, cools the high voltage system. If the system empties, immediately have it checked by the Service Network to refill it. A continuous emptying may interfere with the high voltage system performances causing overheating.

A/C Filter

The climate control system filters outside air containing dust, pollen and some odours. Strong odours cannot be totally removed from by A/C filter at the entrance of the air climate system. See “Maintenance Procedures” in section “Maintenance and Care” for filter replacement instructions.





5 - Driving and Driver Assistance Systems

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Warnings when Driving

Your driving skills will improve with experience, but be especially careful at the beginning. Always comply with local traffic regulations wherever you drive. We recommend you to start gradually in order to acquire the necessary expertise and the perfect control of the vehicle. Failure to operate this vehicle correctly may result in loss of control or a collision. Operating this vehicle at excessive speed or in an altered state or while intoxicated may result in loss of control, going off the road, or overturning. In all these situations a collision with other vehicles or objects is more likely to happen with the risk to cause an accident that may lead to serious injury. In case of an accident, failure to use seat belts causes the driver and passengers a greater risk of injury or death. This manual contains warnings against operating procedures that could result in a collision or injury or damage to the environment. It also contains cautions against procedures that could damage the vehicle.

If you do not entirely read this manual, you may miss important information.



WARNING!

- **It is the driver's responsibility to operate the vehicle in a safe way: if you are distracted while driving you can lose control and cause serious accidents.**
- **Maserati strongly recommends to use particular care when operating the functions and tools that may take the attention off the road.**
- **Mobile phones, PCs, portable audio devices or other functions operated improperly while the vehicle is moving can be very dangerous and can cause serious accidents.**
- **It is very dangerous to send text messages while driving, do so only when the vehicle is not moving.**
- **In some Countries the use of mobile phone when driving is forbidden: it is the driver's sole responsibility to respect local regulations.**



CAUTION!

If battery charge is too low, proper function of some electric/electronic components may not be guaranteed. It is necessary to recharge the battery in order to allow all vehicle's components and systems to function correctly.

Normal Starting of the Electric Motors

When doors are opened, the instrument cluster displays the vehicle silhouette with the charge level gauge in the centre and the complete odometer, the battery percentage and the range to empty plus the open doors indicator  in the lower right part of the cluster.



Before starting the electric motors, close the doors, adjust your seat, the inside and outside mirrors, fasten your seat belt and instruct all other occupants to buckle their seat belts.

The transmission must be in P (Park) or N (Neutral) mode before you can start the electric motors. Apply the brakes before shifting into any driving gear (see "Automatic Transmission" in this section).

**CAUTION!**

Before starting the electric motors, switch off the electrical devices with a high power consumption (air-conditioning and heating system, heated rear window, headlights, etc.).

The keyless ignition allows the driver to operate the ignition device by pushing the centre button, as long as the key fob is within the passenger compartment (check "Keys" in section "Before Driving" for further information).

By pressing the brake pedal and pushing the **START/STOP** button the electric motors start. At the end of the procedure, an acoustic warning will be heard and the message "READY" will appear on the instrument cluster display to indicate that the electric traction system of the vehicle has started. When the "READY" message appears, the vehicle is ready to go.

**CAUTION!**

If the "READY" message does not appear on the instrument cluster, despite the correct start-up procedure, contact the **Service Network**.

The current display subsequently sets up with the latest screenshot.

If you wish to stop the propulsion of the electric motors prior to starting it, press the button again.

Pressing again the **START/STOP** button the ignition device returns to **OFF** position and the display powers down. Pressing further the **START/STOP** button the screen will display the message that invites you to press the brake pedal and push the **START/STOP** button to start the electric motors.

**NOTE:**

If the ignition device is left in the **ON** position and the transmission is in P (Park) mode, the system will automatically time out after 30 minutes of inactivity and the ignition device will switch to the **STOP** position.

Electric Motors Start Failure**CAUTION!**

- Do not attempt to push or tow your vehicle to get it started. Vehicles equipped with an automatic transmission cannot be started this way.
- If the vehicle has a discharged 12 V battery, booster cables may be used to obtain a start from a booster battery or the battery in another vehicle. This type of start can be dangerous if done improperly. See "Auxiliary Jump Start Procedure" in section "In an Emergency" for further information.

Electric Motors Turn Off

- With the transmission in P (Park), D (Drive) or R (Reverse) mode (see "Automatic Transmission" in this section) and vehicle standstill, press and release the **START/STOP** button to switch off the electric motors.
- If the transmission is in N (Neutral) mode and the **START/STOP** button is pressed once, the instrument cluster will display a "Vehicle Not in Park" message and the ignition will remain ON (CarWash mode).



WARNING!

Never leave a vehicle out of the P (Park) mode, as it could move.

NOTE:

If the ignition device is left in the **ON** position and the transmission is in P (Park) mode, the system will automatically time out after 30 minutes of inactivity and the ignition device will switch to **STOP** position.

"Panic Stop" Strategy

In panic conditions, with electric motors running, the "Panic Stop" strategy can manage the situation stopping the electric motors in the following modes:

- Quickly pushing 3 times or one long press of the **START/STOP** button.

The electric motors stop and the automatic transmission moves in N (Neutral) mode under specific speed. When in stop conditions, the automatic transmission moves automatically in P (Park) mode.

Automatic Transmission

The vehicle is equipped with a single speed gearbox to transmit the power developed by the electric motors. The four button on the dashboard, between the two central screens, replaces the conventional mechanical lever and has no mechanical connection to the transmission.

NOTE:

Entering the car, pressing the ignition device in ON position, the engaged gear shift button LED will turn on.



CAUTION!

In order to properly use the automatic transmission, it is essential that you read through the whole chapter, so that you can understand right from the start what the correct and granted operations are. Damage to the transmission may occur if the following precautions are not observed:

- Shift into P (Park) only after the vehicle has come to a complete stop: this is the default gear mode. After engaged P (Park) it is possible set the ignition device to **OFF**.
- Shift into or out of R (Reverse) only after the vehicle has come to a

complete stop and the electric motors are at idle speed.

- Do not shift between P (Park), R (Reverse), N (Neutral) or D (Drive) when the electric motors are above idle speed.
- To effect any change from vehicle stop to P (Park), N (Neutral), it is necessary to keep the brake pedal fully depressed.



WARNING!

- It is dangerous to move out of P (Park) or N (Neutral) if the electric motors speed is higher than idle speed. If your foot is not firmly pressing on the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the electric motors are idling normally and when your foot is firmly pressing on the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the electric motors are running. Before exiting a vehicle, always apply the electronic parking brake, move into P (Park), and turn the electric motors off.

- **Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the shift buttons.**
- **When leaving the vehicle, always remove the key fob and lock your vehicle.**
- **Do not leave the key fob in or near the vehicle. A child could operate power windows, other controls, or move the vehicle.**

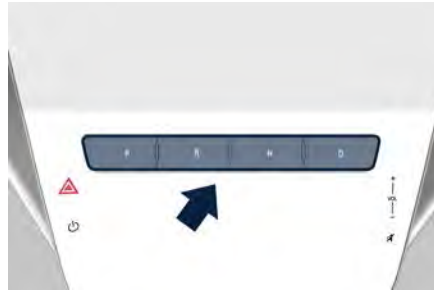
This vehicle is equipped with a function which requires the transmission to be placed in P (Park) before the electric motors can be turned off. This prevents the driver from inadvertently leaving the vehicle without having placed the transmission in P (Park). This system also locks the transmission in P (Park) whenever the ignition device is in the **STOP** position.

Automatic Transmission "Pulse Activation" Buttons

Automatic transmission is operated by four gear shift "pulse activation" buttons, located on the dashboard, between the

two central screens which can have the following operating positions:

- P (Park)
- R (Reverse);
- N (Neutral);
- D (Drive)



NOTE:

If all button LEDs are lit when the ignition device is in **ON** position, contact the **Service Network**.

Transmission status is visible on the central bottom left part of the instrument cluster display.



To Engage a Mode (briefly)

To select one of the operating modes, press one of the buttons previously indicated and press the brake pedal at the same time.

NOTE:

The engaged gear "pulse activation" button is also illuminated more than the other ones on the dashboard.

It is recommended to press the P-R-N-D buttons in the centre and not on the edges, applying adequate force. To this end, it is suggested to use more fingers to apply the adequate pressure.

To engage "P" mode, driver must press the "P" button.

In order to engage "R" or "D" mode, driver have to push the related button on the dashboard.

- To engage the N (Neutral) mode from R (Reverse) or D (Drive) mode, the driver has to push the button.



- Normally, to engage R (Reverse) mode, press the related button.
- To pass from P (Park) mode directly to D (Drive) mode, press the brake pedal and the D (Drive) button.
- Normally, to pass from R (Reverse) mode directly to D (Drive) mode and vice versa, press the related button.
- The P (Park) mode can be automatically enabled by pressing the “P” button.
- To exit P (Park) mode, or to pass from N (Neutral) to D (Drive) or R (Reverse) position when the car is stopped or is moving at a low speed, press the brake pedal.



CAUTION!

DO NOT accelerate while shifting from P (Park) or N (Neutral) to another mode.

Automatic Transmission Range P (Park)

Use this position to park the vehicle. The transmission can be shifted from “P” position only with the brake pedal pressed: then push another gear shift button. To move the transmission from “P” position to any other position, the electric motors must be switched on. The electric motors can be regularly started in P (Park) range. Never attempt to use P (Park) while the vehicle is in motion. When parking on a level surface,

you may press the “P” button first, and then apply the electronic parking brake by pulling the trigger upwards.



The Instrument cluster will display the related light indicator  and the message for 5 seconds.



When parking on a hill, apply the parking brake before pressing the “P” button. For enhanced security, turn the front wheels toward the kerb on a downhill and away from the kerb on an uphill grade.



WARNING!

- **Never use the P (Park) mode as a substitute for the electric parking brake. Always apply the parking brake fully when parked to prevent vehicle movement and possible injury or damage.**
- **Make sure the transmission is in P (Park) before leaving the vehicle.**



CAUTION!

DO NOT race the electric motors when shifting from P (Park) or N (Neutral) into another gear range, as this can damage the drivetrain.

The following indicators should be used to ensure that you have engaged the transmission into the “P” position:

- when shifting into P (Park), push the “P” button on the dashboard.
- with the brake pedal released, verify that “P” position is illuminated on the instrument cluster display.

R (Reverse)

This range is used to move the vehicle backward.

Switching to R (Reverse) starting from N (Neutral) is only possible if the vehicle is moving backwards. We recommend to shift into R (Reverse) only after the vehicle has come to a complete stop.

- Vehicle stationary: switching between R (Reverse) and D (Drive) requires the action on the buttons.
- Vehicle moving: the driver can switch from R (Reverse) to N (Neutral) acting on the button without pressing the brake pedal.

N (Neutral)

- Vehicle stationary and electric motors started: switching from N (Neutral) to P (Park) requires “P” button pressed only. Switching from N (Neutral) to R (Reverse) and/or D (Drive) requires brake pedal.
- Vehicle moving: switching from N (Neutral) to R (Reverse) and/or D (Drive) requires pressing the action on the button. Switching to R (Reverse) starting from N (Neutral) is only possible if the vehicle is moving backwards, while switching to D (Drive) starting from N (Neutral) is only possible if the vehicle is moving forwards.

Set the parking brake and shift the transmission into P (Park) mode if you must leave the vehicle.

NOTE:

To move the car into tunnel washers, or to generally move with electric motors off, if foreseen use the “Car Wash” mode (see “Bodywork Maintenance and Cure”

chapter in section “Maintenance and Care”).



WARNING!

Do not switch to N (Neutral) or turn off the ignition to coast downhill. These are unsafe practices that limit driver's response to changing traffic or road conditions. It is possible to lose control of the vehicle and have a collision.



CAUTION!

Towing the vehicle, coasting, or driving for any other reason with the transmission in N (Neutral) can result in transmission damage. See “Towing a Disabled Vehicle” in section “In an Emergency” for further information.

D (Drive)

This range should be used for most city and highway driving. It provides the smoothest upshift and downshift and the best power economy. The transmission automatically shifts up and down through all gears. The D (Drive) mode provides optimum driving characteristics under all normal operating conditions of the vehicle.

- Vehicle stationary: to switch from D (Drive) to R (Reverse) requires brake pedal pressed and the action on the

button: to reach N (Neutral) starting from D (Drive) is possible by only acting on the button.

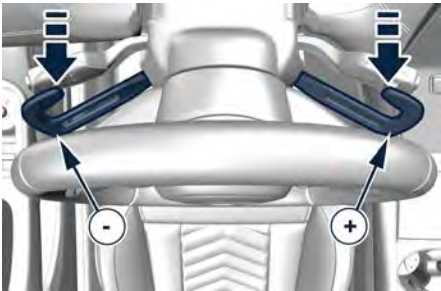
- To enable special operations while the car is moving at a low speed, such as getting out of marsh or snow, it is possible to run quickly from D (Drive) to R (Reverse), and vice versa, acting on the buttons.
- Vehicle moving: switching to N (Neutral) from D (Drive) it is not necessary to press brake pedal.

At extremely cold temperatures (-30°C / -23°F or below), transmission may be affected by the low temperature of the electric motors and transmission. Normal operation will resume once the transmission temperature has risen to a normal level.

eCoasting Level Paddles

eCoasting is the amount of brakes from motors when driver lift-off from gas pedal. The braking will slow down the car and recover energy to the battery. Amount of braking is selectable through paddles.

Paddles (“+” and “-”) are not used to shift the gears but are used in order to increase/decrease the eCoasting Levels function.



This function shall be activated by the driver and can be increased by pushing the left paddle “-” or decreased until it switches off by pushing the right paddle “+”. It has 4 states: D-- / D- / D / D+.



Telltale are shown near the gearshift indicator in order to advise the user that the function is activated and its level. The gearshift and powermeter regen cluster area display the status of the e-Coasting system (D-- / D- / D / D+). The D-- corresponds to the max recovery.

If user release the accelerator pedal, the car start to slow down until the eCreeping activation.

There shall be also a visual indicator in the powermeter regen area that shall follow the eCoasting level. When users are setting up the eCoasting levels D-- / D- / D using the steering wheel paddles, an arc should be displayed on the powermeter regen area showing the maximum regen gauge. Then when the eCoasting level is deselected the arc disappears and a green heel indicator will remain showing the maximum coasting regen.

NOTE:

When in D (Drive) mode, by pressing “+” paddle the transmission shifts in “Launch Control” mode in SPORT or CORSA mode.

When in D (Drive) mode and ACC/NCC is active, by pressing paddles the eCoasting level will not change.



General direction to select eCoasting according to driving situation

- **D+:** most efficient way to drive by extensive use of sailing mode
- **D:** suitable for normal driving conditions
- **D-:** usefull to enhance lift off-turn in sporty driving
- **D - -:** one-pedal drive in traffic conditions

Transmission Malfunction and Overheating Conditions

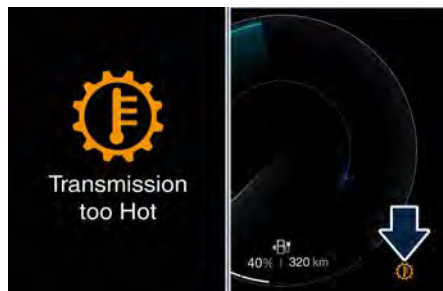
Transmission Emergency Control

Transmission function is electronically monitored to detect abnormal conditions. If a condition that could result in transmission damage is detected, “Transmission Limp Home Mode” will be activated. In this situation, the transmission may operate only in certain gears, or may not shift at all. Vehicle performance may be severely degraded and the electric motors may

stall. In some situations, the transmission system may not re-engage if the electric motors are turned off and restarted. A message in the instrument cluster will inform the driver about the more serious transmission conditions, and indicate what actions may be necessary.

Transmission Oil Over Temperature

If the transmission oil temperature exceeds the operating limit, the  amber warning light illuminates on the instrument cluster



In this case, slow down until temperature returns to normal level (the light will turn off). If this is not sufficient, we recommend to stop the vehicle, shift the transmission in P (Park) or N (Neutral) mode and keep the electric motors idle until the temperature warning light  turns off and the message disappears from the display. Resume driving without

demanding high electric motors performance.

If the warning light  and the related message turns on again, it is advisable to stop the vehicle, turn off the electric motors and wait for the electric motors/transmission assembly to fully cool down.

If the instrument cluster message indicates that the transmission may not re-engage after electric motors shutdown, perform the following procedure preferably at a **Service Centre**.

In the event of a momentary problem, the transmission can be reset to regain all forward gears by performing the following steps.

- Stop the vehicle.
- Shift the transmission into P (Park) mode, if possible.
- Turn the electric motors off.
- Wait approximately 30 seconds.
- Restart the electric motors.
- Shift the transmission into D (Drive) mode and then into the desired gear range. If the problem is no longer detected, the transmission will return to normal operation.

NOTE:

Even if the transmission can be reset, we recommend that you visit the **Service**

Network at your earliest possible convenience, which has diagnostic equipment to determine if the problem could recur.

Transmission Manual Release of P (Park) Position

See chapter “Transmission Manual Release of P (Park) Position” in section “In an Emergency”.



All-Wheel Drive

The active on-demand All-Wheel Drive (AWD) system provides available optimum traction for a wide variety of road and off-road surface and driving conditions. The system minimizes wheel slip by automatically redirecting torque to the front and rear wheels as necessary.

To maximise power economy, the AWD system automatically disengages torque distribution on rear axle when road and environmental conditions are such that wheel slip is unlikely to occur.

When specific road and environmental conditions require increased levels of road traction, the AWD system automatically distributes the torque between front and rear axle in order to grant the best driving experience. Torque distribution is displayed in the left dial on the instrument cluster when "Torque Management" widget is active (see "Widget Contents" in section "Dashboard Instruments and Controls").

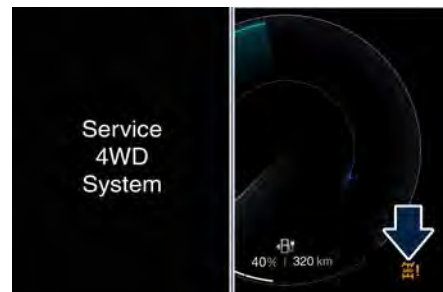


WARNING!
There may be a slight delay for AWD engagement after a wheel slip condition occurs.



NOTE:

If the AWD system service warning message appears after electric motors start up, or during driving, it means that the AWD system is not functioning properly or is in recovery mode due to overheating caused by the excessive wheel spin. In this condition the vehicle can continue driving but only rear wheel drive is working. If the warning message is often activated, it is recommended to have the vehicle serviced at the **Service Network**.



Torque Vectoring

The active Torque Vectoring (TV) system provides optimum traction and cornering performance for a wide variety of road surface and driving conditions. The system automatically varies the torque delivered by the two rear motors. To improve vehicle agility in cornering, the TV system shifts more torque to the outer wheel. In case an instability event is detected, the TV system shifts torque to the inner wheel to stabilize the vehicle. In case of particular road surfaces the TV system shifts torque to the wheel that has more grip in order to maximize vehicle traction capabilities. The system changes its calibration as a function of driver-selected drive mode from a stable configuration in GT drive mode to a more agile and fun-to-drive configuration for the other modes.

Drive Mode

Controls Preview

Drive modes can be set using the selector on the steering wheel, selectable only in "Ready to Drive" status.



WARNING!

- "GT" is the default drive mode, optimised for the best balance between performances and power consumption in the standard conditions use of the car.
- At key ON, with electric motors on, if any electric motor, transmission, brake or steering wheel failure is prompted on the instrument cluster, it is not possible to change drive mode; GT Mode is the only one available.

Drive modes are selectable only with the electric motors on.



With the selector on the steering wheel, you can choose the following drive modes:

- MAX RANGE: to activate an higher energy efficiency. Throttle pedal map is softer, max available electric motors power is 50% (can be extended to 80% with a kick-down on the accelerator pedal) and maximum speed is limited to 130 km/h.
- GT: to activate a comfortable drive mode. In this mode, performance and comfort meet. It allows smooth suspension making its impressive strength easily steerable. Ideal for everyday driving, it offers unstoppable grand tourer comfort.
- SPORT: to activate/deactivate a sportier drive mode. In this mode, the vehicle has a faster throttle response and ESC sport calibration (not recommended on wet/slippery surfaces). Activating this drive mode, will also change the EPS setting. Suspension and steering switch to sporty setup. Max available power set to 100%.
- CORSA: to activate/deactivate the sportier and the race drive mode. When in "CORSA" drive mode, in addition to what indicated for the sports mode, the traction is shifted more on the rear wheels with increased over steering behaviour. Traction control with

dedicated calibration to maximize traction vs stability and "Launch Control" start mode.

- ESC OFF: to exclude the ESC system.
- (Suspension) button: to switch between the three suspensions setting modes: SOFT, SPORT and HARD.

By rotating clockwise or counterclockwise the Drive Mode selector, a pop-up is shown in the left dial of the instrument cluster displaying all the possible drive modes (the selected one is highlighted) together with the relative suspension soft key on the instrument cluster, if not in default mode.

Refer to chapter "Instrument Cluster Overview" in section "Dashboard Instruments and Controls" for further information.

Setting the Drive Mode

Drive modes can be set using the selector on the steering wheel.

Drive mode selector is a rotary knob that select each drive mode both clockwise and counterclockwise.



Selected mode lasts until changed or until key off. At key on default "GT" mode is always the predominant mode.

NOTE:

A different drive mode can be set even with electric motors running and vehicle in motion.

To activate a drive mode, switch the selector as indicated below.

MAX RANGE Mode

MAX RANGE Mode is set in "SOFT" trim.

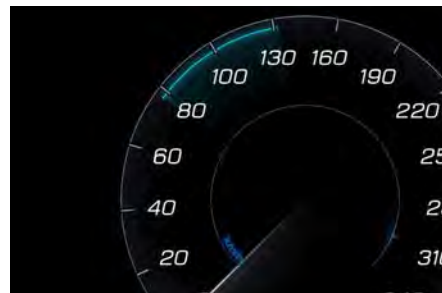
Pushing the  button, a white telltale will be displayed on the instrument cluster, switching in "SPORT" trim.



NOTE:

- MAX RANGE Mode is selectable switching the drive mode selector from GT rotating the knob once counterclockwise.
- SPORT and CORSA are not selectable starting from MAX RANGE Mode.

In MAX RANGE Drive Mode, the speedometer shall suggest to the user the best speed in order to maximize the range by showing a coloured halo: if the user travels with a speed inside this area, the range will be optimised.



NOTE:

- The system shall take the speed from the traffic signs on the road and adjust the halo speed range starting from this value.
- In other drive modes and in system fails, the suggested speed halo is not shown.

In the following table an example of suggested speed halo related to the speed limit:

Speed Limit (km/h)	Suggested speed halo (km/h)
<70	OFF
>=70 and <90	65-80
>=90 and <110	80-95
>=110	110-115

In MAX RANGE drive mode the max available electric motors power is 50%

that can be extended to 80% with a kick-down on the accelerator pedal.

NOTE:

When the power comes back to a value below 50%, the limiter comes back to ON; a new kick down is necessary to overcome again the 50% limit.

Acting on MIA display settings, the limiter can be deactivated (see "Functions of Drive Mode Menu on MIA" in section "Dashboard Instruments and Controls" for further details).

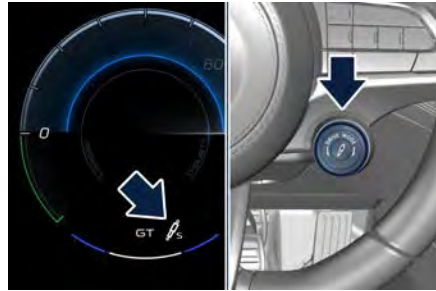
GT Mode

At key on, "GT" mode is always the predominant mode.

GT Mode is selectable rotating the knob once clockwise starting from MAX RANGE and once counterclockwise from SPORT.

GT mode is set in "SOFT" trim.

Pushing the button, a white telltale will be displayed on the instrument cluster, switching in "SPORT" trim.



NOTE:

CORSA is not selectable starting from GT Mode.

In GT drive mode the max available electric motors power is 80%.

SPORT Mode

NOTE:

When in SPORT Mode, the ambient lights will automatically switch in a red colour.

SPORT Mode is selectable rotating the knob once clockwise starting from GT and once counterclockwise from CORSA.

SPORT mode is set in "SPORT" trim.



Pushing the button, the telltale on the instrument cluster will be switched off.

NOTE:

MAX RANGE is not selectable starting from SPORT Mode.

In SPORT drive mode the max available electric motors power is 100%.

CORSA Mode

NOTE:

- When in CORSA Mode, the ambient lights will automatically switch in a yellow colour.
- When in CORSA mode, a hard telltale "ESC OFF" will illuminate on the instrument cluster.

CORSA Mode is selectable rotating the knob once clockwise starting from SPORT.

CORSA mode is set in "HARD".



Pushing the  button, a white telltale will be displayed on the instrument cluster, switching in "SPORT" trim.

NOTE:

- MAX RANGE and GT are not selectable starting from CORSA Mode.
- In CORSA mode the ESC OFF soft telltale will turn on the instrument cluster, but the system is not in ESC OFF mode. To turn it on, push the soft-key on the Comfort Display.
- When in CORSA mode, the vehicle lowers at minimum ride height, when out of P (Park) mode.

In CORSA drive mode the max available electric motors power is 100%.

ESC OFF Mode



WARNING!

Activating the ESC OFF Mode, the Electronic Stability Control will be automatically switched off.

To activate ESC OFF, long press the corresponding soft-key on the bottom bar of the Comfort Display: the icon will turn on in an amber colour. The relative hard telltale will be displayed on the instrument cluster.



To deactivate the drive mode, briefly press the same icon again: the icon will turn white and the telltale will turn off.



WARNING!

Never activate ESC OFF Mode if a spare wheel is mounted on the vehicle. Loss of control may occur and this could cause serious injuries or death.

Performance Limitation

Turtle Mode

"Turtle" mode is activated automatically when the remaining State of Charge is less than 6%, but can be temporarily deactivated in case of emergency (for example to clear a junction) by quickly depressing the accelerator pedal fully (kick-down function).

Level 1 (less than 6%)

- A pop-up will inform the driver about a low battery level charge, functions deactivated and to recharge the battery
- The battery gauge level will turn in an amber colour
- Drive Mode is forced to Max Range (can be deactivated by kick-down)
- Air Conditioning system fully functional
- Heated seats are switched off, but can be reactivated
- The Navigator will suggest the driver the nearest charging station

Level 2 (less than 5%)

- When the charge level is less than 5%, the air conditioning system functions are reduced; only blower and no A/C, but it can be reactivated. A new pop-up about the Air Conditioning system will appear.

Level 3 (less than 4%)

- A pop-up will inform the driver about a low battery level charge and a limited speed

- The battery gauge level will turn in a red colour and the 800 V low traction battery and torque limited warning light will turn on



- Drive Mode is forced to Max Range (no override admitted)
- Speed limiter forced to a maximum of 100 km/h (65 mph)
- Air conditioning system functions are reduced; only blower and no A/C, but it can be reactivated
- Heated seats are switched off, but can be reactivated
- The Navigator will suggest the driver the nearest charging station
- Defrost fully working.

Level 4 (0%)

- A pop-up will inform the driver about the incoming stop and traction reduction (40 km/h / 25 mph)
- The transmission automatically shifts to P (Park) mode

- Air conditioning system functions are reduced; only blower and no A/C, but it can be reactivated
- All the electric system will stay on
- After about 30-45 minutes the Air Conditioning System will switch off
- After other 1-2 hour all the electric system will switch off



CAUTION!

When in Turtle Mode (low State of Charge), APM stops charging the 12 V battery. If 12 V battery runs flat, the charging system is inhibited. A jump start is necessary to recharge the 12 V battery and have the charging system functional again (see "Auxiliary Jump-Start Procedure" chapter in section "In an Emergency"). Avoid complete discharging of the 800 V battery to avoid frequent jump starts.

Power Reduction

Aggressive or extreme use of the car (for example: repeated braking and acceleration events in rapid succession over a long interval of time) require much power to the high-voltage battery; in such cases, to preserve its integrity and durability, the car may adopt a "Recovery" strategy with performance and acceleration limitation.



The car's performance will be fully restored after a few minutes.

This behaviour of the car is not intended as a fault or malfunction.

Launch Control Mode

"Launch Control" mode is a performance start procedure. By activating this procedure you get the best possible acceleration from standstill of the car. This mode allows you to ground the torque necessary to prevent the wheels from slipping during acceleration performance.

To make a performance start in "Launch Control" mode, the following conditions must be met:

- Battery and transmission temperature in proper range.
- No electric motors, AWD and on board systems faults.
- "SPORT" or "CORSA" drive mode on.
- Transmission in "D".
- The vehicle must be stationary on a level road surface.
- The driver door closed and the safety belt fastened.

Launch Control Sequence

NOTE:

- All the above mentioned conditions must be verified in order to activate "Launch Control" performance start procedure.
- For non-GSR versions, during "Launch Control" ACC, FCW and ADA are temporarily disabled.

For GSR versions, during "Launch Control" ACC and ADA are temporarily disabled.

- Each step displayed on the instrument cluster has a time out approximately of 5 seconds.
- "Launch Control" manoeuvre requires to use both feet, left foot to brake and right foot to accelerate at the same time.
- "Launch Control" manoeuvre can be maximised activating the Max Boost function (see "Function of Drive Mode Menu on MIA" chapter in section "Dashboard Instruments and Controls").
- With electric motors on, parking brake disengaged, brake pedal pressed and steering wheel straight, pull "+" right paddle. The instrument cluster shows the "Launch Control" engaged page.



- To confirm the procedure, pull again the "+" paddle. To abort the procedure, pull "-" left paddle.
- To confirm the "Launch Control" sequence, press full the brake pedal as indicated in the message on the instrument cluster until the green zone of the brake pressure percentage bar is reached.



- With brake pedal pressed full with left foot, fully press the accelerator pedal (with right foot) as indicated in the message on the instrument cluster.



- Release brake pedal. The launch of the vehicle starts with ESC that manages the maximum performance and electric motors torque calibrated to maximize performance.



During the acceleration phase the "Launch Control" symbol appears at the left of the digital speedometer in the instrument cluster display.





Parking Brake

The vehicle is equipped with an electric automatic parking brake, also called EPB (Electric Parking Brake). The EPB braking action is ensured by a power actuator directly working on the brake pad inside each calliper of the rear brake system. It can be automatically engaged when the electric motors are turned off and disengaged with electric motors running, driver seatbelt latched and driver door closed, while pressing the brake pedal and operating the shift buttons only if the "Auto Park Brake" function is activated on the MIA screen (see paragraph "Functions of Settings Menu on MIA" in section "Dashboard Instrument and Controls").

Furthermore, EPB can be automatically engaged above a slope threshold with transmission in parking to avoid damage to the vehicle. EPB can be disengaged before to turn off the vehicle.

When the parking brake is applied, the warning light  lights up on the instrument cluster display and the related message is displayed on the instrument cluster for 5 seconds (see "Warning and Indicators Lights" in section "Dashboard Instruments and Controls").



In the above-mentioned condition, the automatic engagement function can be deactivated/activated by selecting the "Auto Park Brake" (refer to "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").

Manual Engagement/Disengagement

The parking brake can also be manually engaged when the electric motors are not running or the ignition device is in the **STOP** position, raising the lever located under the driver lower side of the dashboard.

The disengagement is performed only when the electric motors are running or the ignition device is in the **ON** position, by pressing the brake pedal, pushing the lever located under the driver lower side of the dashboard.

The warning light  lights up on the cluster display for all the time it is applied.

If you attempt to disengage the parking brake without having pressed the brake pedal, a message will be displayed, warning you to press the brake pedal.

If the electric motors were turned off when the automatic engagement device was deactivated it is possible to shift the parking brake simply by pulling the lever upward.



CAUTION!

The main function of the EPB is to allow safe parking of the vehicle, therefore it must only be applied when the vehicle is already stationary.

**WARNING!**

- Always hold the brake pedal pressed during disengagement of the parking brake.
- The EPB command activation while running generates a deceleration of the vehicle with strong deceleration (Dynamic Braking). It is therefore recommended to use this function only in case of emergency. The stability of the car is guaranteed by the action of the activated ESC system.
- It is advisable to keep the “Auto Park Brake” function always active (On) so that the vehicle is properly secured with electric parking brake.

Failure Indication

In the event of electric parking brake system failure, the warning light on the display will light up.

In addition, the warning light will flash for 10 seconds.

**WARNING!**

In the event of an EPB failure, take your vehicle to the nearest Service Network Centre as soon as possible.

**Initialise the EPB System after Re-connecting the Vehicle Battery**

After the detachment and the subsequent connection of the battery, on the instrument cluster display the warning light will be illuminated. To initialise the EPB system, lift, release and lift again the lever located under the driver lower side of the dashboard. After having initialised the EPB system, the error messages regarding the unavailability of the radar functions shown in the pictures will be displayed on the instrument cluster. In the next key cycle, the messages will no longer be present.

**Emergency Disengagement**

In case of brake lock with complete electrical system failure, it is necessary to force the electric actuator on the rear calipers (see “Emergency Release of the Parking Brake” chapter in section “In an Emergency”).

EPB Operation with Overheated Brakes

Driving on mountain roads with steep slopes or a sports use of the vehicle could overheat the brake system components. In these conditions, parking brake must not be used since the push of the power actuator might not be sufficient to ensure vehicle braking, especially on a slope.

Drive normally without braking to allow the brakes to cool down a few minutes before stopping. In this way, the automatic or manual activation of



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the parking brake will ensure vehicle braking.

Parking

Before leaving the vehicle, **make sure that the parking brake is fully applied** in automatic or manual and move the transmission in P (Park) mode by pressing the brake pedal and the “P” button.



WARNING!

- Always check that the vehicle is locked before leaving it.
- Never leave children unattended in the vehicle.
- Do not leave the electric motors running while the vehicle is unattended.



CAUTION!

When you need to park the vehicle on a steep slope, both with the electric motors on and off, it is recommended not only to engage the parking brake, but also to shift the transmission into P (Park) before leaving the vehicle.

When parking on hill roads, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade.

Apply the parking brake before shifting the transmission in P (Park) mode, otherwise the load on the transmission locking mechanism may make it difficult to move out of P (Park) mode. In certain conditions, it is however advisable to disengage the parking brake manually and slightly apply the service brake for starting off. This is advisable when there are obstacles very close to the vehicle in the direction in which you intend to move.

Using the Brakes

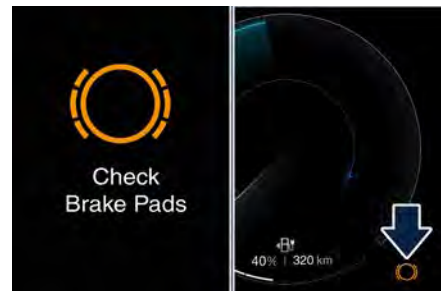


CAUTION!

To obtain a good performance by brake pads and discs, avoid sudden braking during the first 300 km (190 mi).

The pad wear limit is indicated by the illumination of the warning light , on the instrument cluster.

In this event, please contact the **Service Network**.



WARNING!

Riding the brakes can lead to brake failure and possibly an accident. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage.

In an emergency full braking capacity may be impaired.

Brake Pads and Brake Discs

Wear on the brake pads and brake discs depends to a great extent on the driving style and the conditions of use and therefore cannot be expressed in actual kilometres/miles driven on the road. The brake system is designed for optimal braking effect at all speeds and temperatures.

Certain speeds, braking forces and ambient conditions (e.g. temperature, humidity and long outdoor stopping periods) can therefore cause the brakes to "squeal". This is normal and will cease after a few braking.

New Brake Pads and/or Brake Discs

New brake pads are already "bed in", and therefore only attain optimal friction to the brake disc.

During the first period, the braking system may make a noise, but it will disappear over time.

Brake Overheating

Driving on mountain roads with steep slopes or a sports use of the vehicle could overheat the brake system components. In these conditions, parking brake must not be used since the push

of the power actuator might not be sufficient to ensure vehicle braking, especially on a slope.

Drive normally without braking to allow the brakes to cool down a few minutes before stopping. In this way, the automatic or manual activation of the parking brake will ensure vehicle braking.

Brake overheating could also cause "squeals" and "vibrations".

eBraking Mode

The "eBraking" mode, which is always active regardless of the selected operating mode, activates the high voltage battery charging when the brake pedal is pressed, thereby recovering energy during braking.

The electric motors work as an alternator, converting the kinetic energy of the car into electrical energy. Using this mode is particularly useful when driving in the city, where there are continuous stops and starts.

NOTE:

- To make the most efficient use of the system, the braking phase should, where possible, be modulated by applying so as to allow maximum energy recovery.
- In the event of an emergency, maximum braking efficiency is always

guaranteed by the conventional braking system.



Use of the Electric Motors

While Driving



CAUTION!

- Under normal conditions, all red warning lights on the instrument cluster display should be off. When they come on, they indicate a malfunction. Refer to "Warning and Indicator Lights" in section "Dashboard Instruments and Controls".
- Continuing to drive when a red warning light is on could cause serious damage to the vehicle and affect its performance.



WARNING!

Do not travel downhill with the electric motors off. The Electric Power Steering will not provide assistance.

Spare Parts

Use of genuine Maserati parts for normal or scheduled maintenance and repairs is highly recommended to ensure excellent performance.

Damage or failures caused by non-genuine spare parts used for maintenance and repairs will not be covered by the manufacturer's warranty.

Park Assist

The Park Assist system provides visual and audible indications of the distance between the rear and/or front bumper and a detected obstacle when backing up or moving forward, e.g. during a parking manoeuvre.

Besides the use of the sensors available on the bumpers and of the rear parking camera, the vehicle may be equipped with surround view cameras to assist the driver during manoeuvres on dead-ends/roads and on intersections. For more details on this option, see chapter "Surround View Camera System" in this section.

Refer to "Park Assist System Usage Precautions" in this chapter for limitations of this system and recommendations. Park Assist settings will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition device is changed to the **ON** position.

Park Assist system can be active only when the transmission is in R (Reverse) or in D (Drive).

If Park Assist is enabled at one of these gear shift positions, the system will remain active under approximately 11 km/h (7 mph).

NOTE:

When in D (Drive) mode, no information about rear obstacles will be shown.

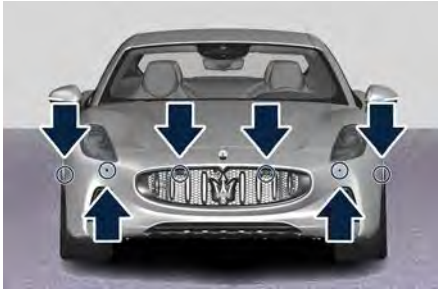
Park Assist Sensors

The six Park Assist sensors, located in the rear bumper, monitor the area behind the vehicle that is within the sensor's field of view. The sensors can detect obstacles from the rear bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.



The six Park Assist sensors, located in the front bumper, monitor the area in front of the vehicle that is within the sensor's field of view.

The sensors can detect obstacles from the front bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.



Park Assist Warning Messages Display

The Park Assist warning screen is located on the MIA display. It provides visual warnings to indicate the distance between the rear bumper and/or front bumper and the detected obstacle.

The warning display will turn on:

- in R (Reverse) mode indicating the system status (ready, idle or off) or when the Rear Parking Camera or the Surround View Camera is manually activated;
- in D (Drive) or N (Neutral) mode when the system is active and detects an obstacle.

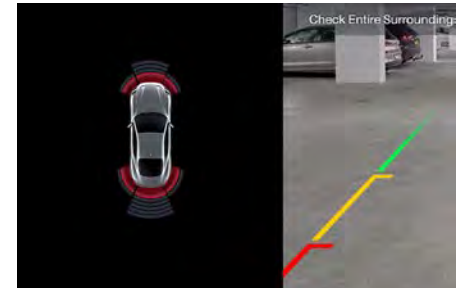
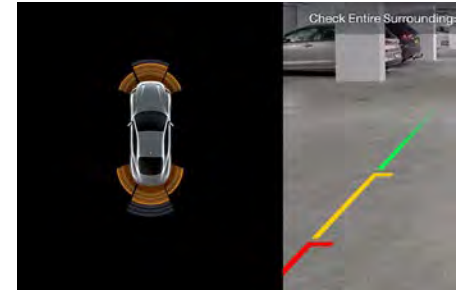
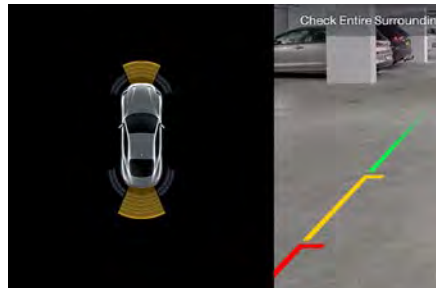
The detection area in front of the vehicle is divided into three parts with four arcs in the middle one and two arcs in the lateral one; while the three detection areas behind the car is divided into six

arcs in the middle one and two arcs in the lateral ones.

The system will indicate a detected obstacle by displaying arcs with fixed colour and a characteristic sound according to the obstacle distance. The colour indicates the distance and the arc indicates the position of the detected obstacle. The yellow colour of the outer arc indicates the maximum distance, the orange colour of the middle arcs indicates the medium distance, while the red colour of the nearest arc indicates the minimum distance. The front maximum detection distance is $1.2 \text{ m} \pm 0.1 \text{ m}$ ($3.9 \text{ ft} \pm 0.3 \text{ ft}$), while the rear maximum detection distance is $2 \text{ m} \pm 0.1 \text{ m}$ ($6.6 \text{ ft} \pm 0.3 \text{ ft}$).

NOTE:

When an obstacle is detected outside the vehicle path, the system displays greyed arcs and the chime will not be active.



As the vehicle moves closer to the object the MIA screen will display the arc moving towards the vehicle and the sound tone will change from single to slow, to fast and to continuous.

The vehicle is close to the obstacle when the MIA screen displays one red arc only, combined with a continuous sound.

NOTE:

- When in D (Drive) mode, if previously not in R (Reverse) mode, the front
- (Continued)



(Continued)

- detection system will active only the two arcs closer to the bumper.
- Park Assist will turn off the front park assist audible alert (chime) after approximately 3 seconds when an obstacle has been detected and the vehicle is stationary.

Enabling and Disabling Park Assist

By accessing the submenu "Safety & Driving Assistant" from MIA system, the "Park Assist" can be enabled or disabled (checkbox "On/Off"). The available options regarding the warning alerts sound are: "Low", "Medium" or "High". Also front sensors can be disabled unchecking the "Front Sensors Active in Drive" box in the setting list. Refer to "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls" for further information.

NOTE:

If "Front Sensors Active in Drive" setting is not selected, but "Park Assist" is active, front sensors will be re-activated in the current manoeuvre when in R (Reverse) mode until the vehicle speed is below 11 km/h (7 mph) in Driver gear.

If the vehicle speed is below 11 km/h (7 mph), park sensors can be enabled or disabled for the current manoeuvre at

any time by pressing the soft-key on the bottom bar of the Comfort Display only if "Park Assist" is enabled on the MIA screen.



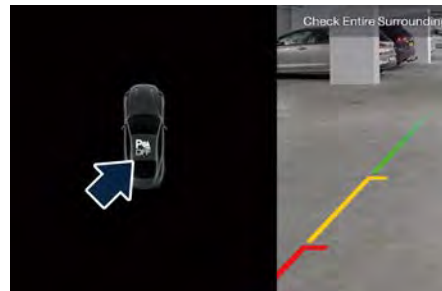
The soft-key will be on in an amber colour when the entire Park Assist system is temporally disabled or not activated in the setting list. The soft-key will turn white when the system is enabled again.

NOTE:

- If the "Park Assist" setting is deactivated, a pop up will appear on the Comfort Display if the user press the soft-key.
- When the system is in fault, the soft-key will be greyed and the user can not change the system status using the soft-key.

When the transmission is into R (Reverse), D (Drive) or N (Neutral) mode and the system is temporally disabled

or not active in the setting list, the MIA screen will display the "PARK ASSIST Off" image until the transmission remains in R (Reverse) or when the transmission is moved in D (Drive) or N (Neutral) mode, if "Rear View Camera Delay" is active in the setting list.

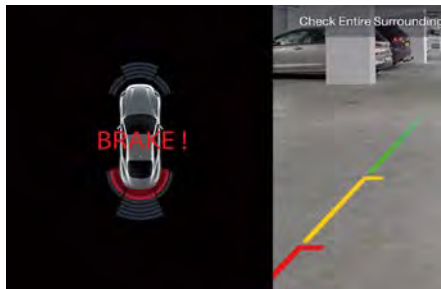


When the transmission is in P (Park), N (Neutral) mode and in standstill condition or the vehicle speed exceeds approximately 11 km/h (7 mph), the system status is in "idle state" and a greyed car is visualized on the MIA screen.



Active Park Braking

When a rear obstacle is detected and the Active Park Braking setting is activated on the MIA screen (see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”) and the vehicle is moving backwards (Reverse gear is engaged) at a speed lower than 11 km/h (7 mph), the system brakes automatically to prevent/mitigate collision and the following layout will be shown.



NOTE:

- This function must be enabled together with the Park Assist in the setting list to work properly. If deactivated, the Active Park Braking OFF is displayed on the car graphic on the MIA screen.
- Sensors fault, Park Assist system fault, braking system fault or CORSA mode on turn this function unavailable. In these cases, a pop-up will appear on the cluster display to inform the driver.
- The Active Park Braking event will not hold the vehicle indefinitely. After a short period of about 3 seconds, the driver gets back the control of the vehicle.
- The braking system event can be overridden by applying the throttle or disabling the Park Assist.
- The Active Park Braking system will provide autonomous braking even when the driver may have partial brakes applied.
- When Active Park Braking is activated, additional Active Park Braking events will be suppressed until the ultrasonic sensors no longer detect any objects behind the car. Once this happens, the Active Park Braking system can activate again as needed for newly detected objects.



WARNING!

- **Active Park Braking is not intended to avoid a collision on its own. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering.**
- **The Active Park Braking system is not intended to be an emergency braking system; always control the vehicle via braking and steering.**
- **The system may not work properly on uneven roads, wet or icy roads.**
- **The Active Park Braking feature target is to avoid obstacle collision when speed is below 11 km/h (7 mph); however when speed is between 6-11 km/h (4-7 mph) the avoidance of a collision with the obstacle is not guaranteed.**

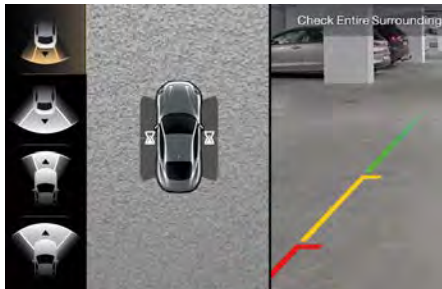
Side Distance Warning (with Surround View only)

To let the side distance warning work, it must be activated on the MIA screen together with the Park Assist (see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”). When the ignition device is turned ON and the Surround View screen is displayed on the MIA display, the system needs to initialise covering a minimum distance equal to the

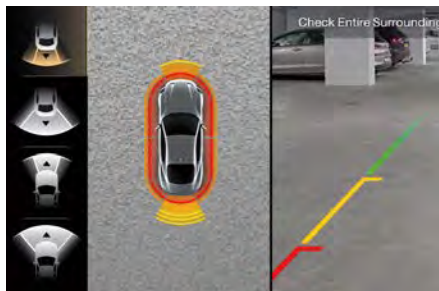


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length of the vehicle; during this phase, hourglasses are shown on the sides of the car on the screen (see figure).



The side distance warning adds four more arcs on the vehicle sides in the top view. The colour indicates the distance and the arc indicates the position of the detected obstacle. The orange colour of the outer arc indicates the maximum distance (30 - 65 cm / 1 - 2.13 ft), while the red colour of the nearest arc indicates the minimum distance (0 - 30 cm / 0 - 1 ft).

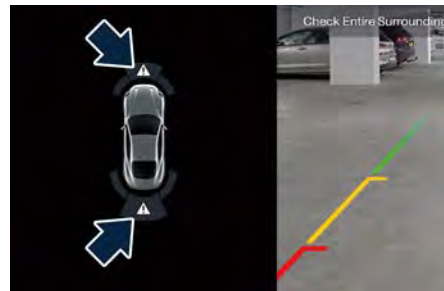


Service the Park Assist System

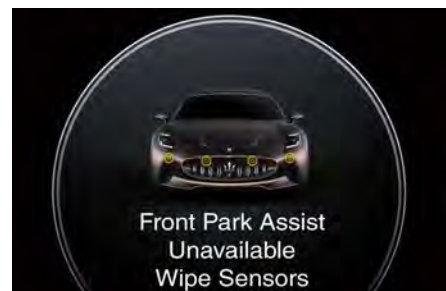
In case of malfunction of the Park Assist system, the instrument cluster will actuate a single sound, once per ignition cycle. The instrument cluster will display a message when any of the rear or front sensor(s) are blocked by snow, mud, or ice and the vehicle is into R (Reverse), D (Drive) or N (Neutral) mode. The instrument cluster will display a message when any of the rear or front sensors are damaged and require service.

When the transmission is set to R (Reverse), D (Drive) or N (Neutral) mode and the system has detected a faulted condition, the instrument cluster will display the message and the corresponding soft telltale. Under this condition Park Assist will not operate. See "Warning and Indicator Lights" in section "Dashboard Instruments and Controls" for further information. A

related graphic will also be displayed on the MIA screen.



If the instrument cluster displays a message prompting you to clean the sensors, make sure the outer surface and the underside of the rear bumper and/or front bumper is clean and clear of snow, ice, mud, dirt or other obstruction and then cycle the ignition device. If the message continues to appear contact the **Service Network**.



If a failure message is displayed on the instrument cluster, contact the **Service Network**.

Cleaning the Park Assist Sensors

When cleaning the sensors, take special care not to scratch or damage them; therefore, do not use dry, rough or hard cloths.

The sensors must be washed with clean water, possibly adding car shampoo. Should you need to repaint the bumper or in case of paint touch-ups in the sensor area, please contact exclusively the **Service Network**.

Incorrect paint application could affect the parking sensors operation.

Park Assist System Usage Precautions

NOTE:

Jackhammers, large trucks, and other vibrations could affect the performance of Park Assist.



CAUTION!

- Park Assist is only a parking aid and it is unable to recognise every obstacle, including small obstacles. Parking curbs might only be temporarily detected or not detected at all. Obstacles located above or below the

sensors might not be detected when they are in close proximity.

- The vehicle must be driven slowly when using Park Assist in order to be able to stop in time when an obstacle is detected. When backing up, it is recommended that the driver looks over his/her shoulder when using Park Assist.



WARNING!

Drivers must be careful when backing up even when using the Park Assist system. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

Park Assist Volume

The volume of the acoustic signal emitted by the front and rear parking sensors is set to the medium level. Three different level of volume can be selected the submenu "Safety & Driving Assistant" of the "Settings" page on MIA. Low level is useful in certain conditions when the parking sensor acoustic signal keeps coming on although there is

no actual collision hazard. This may typically occur when driving in a queue or when the vehicle is overtaken by motorcycles or other vehicles on one or both sides in a queue of traffic.

When you set the volume, only the parking sensor acoustic signal will be affected. The radio or any other devices connected to the vehicle sound system will not be affected.

Refer to chapter "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls" for further information.



Rear Parking Camera

Your vehicle is equipped with a rear parking camera that allows you to see an image on the MIA screen of the rear surroundings of your vehicle whenever the transmission is put into R (Reverse) mode.

When “Rear View Camera Delay” mode is enabled, the rear view image shall be displayed for about 10 seconds unless the vehicle speed exceeds 13 km/h (8 mph) after shifting out of R (Reverse) mode.

To assist the driver during manoeuvres on dead-ends/roads and on intersections, the vehicle may be equipped with an optional surround view camera system. In this case, the rear parking camera is integrated into the surround view camera system. In both configurations (rear parking camera only or surround view camera system), you can always monitor the rear view. For more details on this option, see chapter “Surround View Camera System” in this section.

The image will be displayed along with a caution note to “Check Entire Surroundings” across the top of the screen. After five seconds this note will disappear.

The rear parking camera is located on the rear of the vehicle above the rear licence plate.



When the transmission is shifted out of R (Reverse), the rear camera mode is exited if “Rear View Camera Delay” is not selected in the setting list. Instead, when the transmission is set in P (Park), N (Neutral) or D (Drive) mode it is possible to activate the system by touching the “Rear View Camera” soft-key in “Controls” menu of the “Vehicle” or in the App page.

If manually activated in these ways, Park Assist view will expire after 10 seconds that the vehicle speed exceeds 13 km/h (8 mph).

With transmission in P (Park), N (Neutral) or D (Drive) mode, the upper right corner of the screen will show the “X” key: touch it to go back to the previous screen of MIA display.

The deactivation of the rear visualization via “X” soft-key is not possible when the transmission is in R (Reverse) mode.

NOTE:

Exiting the screen touching the “X” soft-key will not active again the Park Assist view in D (Drive) mode if the vehicle does not exceed 13 km/h (8 mph).



When displayed, dynamic grid lines (if the function is set to MIA through the “Settings” menu of the “Vehicle” page) will illustrate the width of the vehicle to assist with parking or aligning to a hitch/receiver. The dynamic grid lines will show separate zones in different colour that will help indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone and colour:

Zone	Distance to the rear of the vehicle
Red	18 - 30 cm (7 - 12 in)
Yellow	30 cm - 1 m (12 - 39 in)
Green	1 - 3 m (39 - 118 in) or greater

**WARNING!**

Drivers must be careful when reversing even when using the rear view camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before reversing. You are responsible for the safety of your surroundings and must continue to be careful while reversing. Failure to do so can result in serious injury or death.

**CAUTION!**

- To avoid vehicle damage, the rear camera should only be used as a parking aid, as the rear camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using the rear camera to be able to stop in time when an obstacle is seen. It is recommended that the driver looks frequently over his/her shoulder when using the rear camera.

NOTE:

- If snow, ice, mud, or any other substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth.
- When all the Rear View Camera system is unavailable, a blue screen appears to inform the driver of a loss of communication with the radio.
- To visualize virtual obstacles in 2D and 3D, Virtual Wall function and Park Assist must be enabled on the MIA screen (see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”). Grid lines become grey and virtual wall detection zone corresponds approximately to the rear central arc in Park Assist

visualisation. Virtual Wall may not reflect the real position of the obstacles.





Surround View Camera System (SVC)

System components

The system uses four cameras to monitor the area around the vehicle, placed on the front grid, under the side rear-view mirrors and on the boot lid, between the number plate lights.



When the transmission is set in R (Reverse) mode the top view and rear view of the surrounding scenario will be automatically displayed on MIA display. Image will be displayed with active guidelines, if activated in the setting list, as long as vehicle remains in R (Reverse) mode.

When vehicle is shifted into a different gear, if the camera delay is activated on the MIA screen, the image will remain displayed for about 10 seconds unless the vehicle speed exceeds 13 km/h (8 mph). If the transmission is shifted in P (Park) mode, the surround view screen will be immediately cancelled and the radio will return to the last-viewed screen.

Instead, when the transmission is set in P (Park), N (Neutral) or D (Drive) mode it is possible to activate the system by touching the "Surround View Camera" soft-key in "Controls" menu of the

"Vehicle" or in the App page, if the vehicle speed is below 13 km/h (8 mph); otherwise the soft-key becomes greyed. For Japan market, activation shortcut for surround view camera is also available on ICS (Comfort Display). If manually activated in these ways, the camera view will expire after 10 seconds the vehicle speed exceeds 13 km/h (8 mph).



Once the "Surround View Camera" screen is displayed, it is possible to choose which images to display according to 4 possible views.



Rear view and top view



Rear cross path view and top view



Front cross path view and top view



Front view and top view

In any gear shift mode, when “Surround View Camera” screen is displayed, a pop up message will appear in the upper part for 5 seconds to advise the driver to check the surrounding scenario before any manoeuvre.

With transmission in P (Park), N (Neutral) or D (Drive) mode, the upper right corner of the screen will show the “X” key: touch it to go back to the previous screen of MIA display.

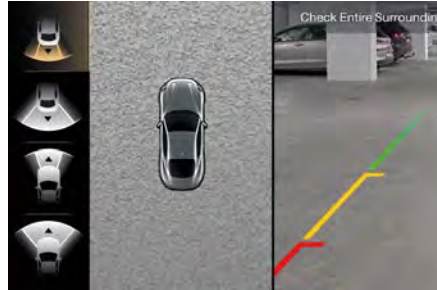
The deactivation of the rear visualization via “X” soft-key is not possible when the transmission is in R (Reverse) mode.

Choose the most suitable view for the situation and the manoeuvre you are performing or going to perform, by touching the soft-key present on the left of the display: the edges of the pressed button will highlight. The icon will highlight and the type of selected view will appear on each image.

In the top view, the vehicle is represented as it is during the manoeuvre (see example in the figure).

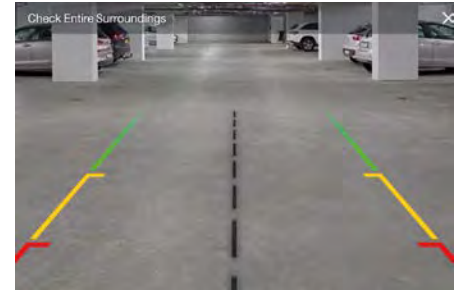
To display also the dynamic lines of the trajectory you are setting, it is necessary to set this function by accessing the “Settings” menu on “Vehicle” page of MIA, at “Camera” item, by using the dynamic gridlines activation menu.

For further information, see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”.



The following table shows the approximate distances for each zone and colour:

Zone	Distance to the rear of the vehicle
Red	15 - 30 cm (6 - 12 in)
Yellow	30 cm - 1 m (12 - 39 in)
Green	1 - 3 m (39 - 118 in) or greater



NOTE:

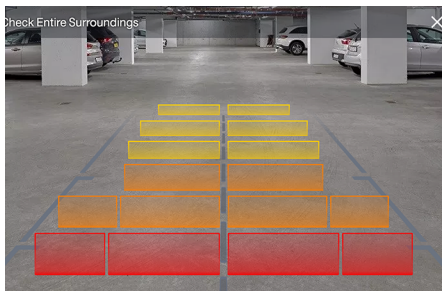
- When a camera fail occurs, the proper visualization and the top view will be blackened out.
- In fault conditions, when it is not possible to change view, the soft-key on the left of the display will be greyed out.
- When all the Surround View Camera system is unavailable, a blue screen appears to inform the driver of a loss of communication with the radio.
- To visualize virtual obstacles in 2D and 3D, Virtual Wall function and Park Assist must be enabled on the MIA screen (see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”). Grid lines become grey and virtual wall detection zone corresponds approximately to the rear central arc in Park Assist visualisation. Virtual Wall may

(Continued)



(Continued)

not reflect the real position of the obstacles.



WARNING!

Failure to follow the precautions below might result in serious injury or even death.

- Drivers must be careful during manoeuvres also when using the camera system with surround view.
- Always check carefully the areas around your vehicle, before proceeding forward or backward.
- Be sure to always check for any pedestrians, animals, other vehicles, obstructions, or blind spots.
- The driver must use the utmost caution while using the system to avoid damage to property or personal injury.

- The camera system with surround view is designed for use during the day or under good lighting conditions. Do not use and rely on the system under poor lighting conditions.
- Distance lines and trajectory lines must be used only as a reference and only when vehicle is on a flat ground. The distance shown on MIA display must be interpreted as a reference and might be different from the distance actually present between the vehicle and any displayed objects.
- Any obstacles present above the cameras cannot be detected.



CAUTION!

- To avoid vehicle damage, the camera system with surround view should only be used as a parking aid, as the cameras are unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using the camera system with surround view, to be able to stop in time when an obstacle is seen. It is recommended that the driver looks frequently over his/her shoulder when using this system.

NOTE:

If snow, ice, mud, or any other substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

Speed Limiter - SL

Using the controls located on the right side of the steering wheel, the driver can set a maximum speed limit (SL function) or maintain a constant cruise control (CC function) speed without operating the accelerator pedal. If set, these two functions SL and CC will exclude each other according to the driver's manoeuvres.

SL allows the driver to set the maximum speed limit to be reached by the vehicle. It is possible to exceed the set maximum speed by firmly pressing on the accelerator pedal. After that, if the SL function is still active, once the driving speed returns under the set value, the SL function will continue to limit the speed.

Controls

The controls are located on the right side of the steering wheel.

Control configuration depends on which driver assist systems are installed to the vehicle (see "Controls on Steering Wheel" in section Dashboard and Instruments and Controls).

There is a specific button to engage and disengage the SL.



Control "pulse activation" buttons have the following functions:

 ON/OFF "pulse activation" button to engage/disengage SL system.

Multifunction switch:

- SET+
SET-**
 - SET + / SET - : Increase / Decrease speed, set current speed
- RES**
 - RES: Resume previously set speed when system is in paused status
- CANC**
 - CANC: Pause (SL disengaged). The set limit is not deleted (see paragraph "Temporary Deactivation" in this chapter)

Displayed Information

Apart from the pop-up messages at the centre of the display, SL system status is represented by icons at the top right of the display, in the dedicated area. See

Instrument cluster overview in section "Dashboard Instruments and Controls". Displayed information depends on system status: ready, set, temporarily cancelled or override.

Activation

Push the  ON/OFF button to engage the system. The  white light in upper right sector of the display will illuminate and the last set speed is shown.



To disengage the system, push the same button a second time. The  light will turn off and a new message pops up for 5 seconds, then the display returns to the previous setting.

When the SL function is activated, the system automatically disengage the CC function if it was active. See chapter "Cruise Control - CC" in this section for further information.



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NOTE:

The system must be disengaged when not in use.

Speed Range of Use

Speed	km/h (mph)
Minimum	0
Engaged/activated	30 (18)
Maximum	210 (130)

Setting

Turn on the SL function when the vehicle has reached the desired speed, push the button (SET-) or (SET +) and the system sets and visualizes beside the  green light the current speed limit (in the example shown 30 km/h).



Pushing the button (SET +) or (SET -) once, or long pressing it will enable to increase or decrease the set speed by one unit (1 km/h or 1 mph).

If the car is equipped with ADAS Systems, the short press of the button will increase or decrease the set speed of 1 km/h or 1 mph; a long pressure of the same will increase or decrease the set speed of 10 km/h. Release the button when the desired speed is reached, and the new set speed will be visualized beside the green light. The set speed memory can only be erased by pressing the  ON/OFF button or by turning the ignition off.

Temporary Deactivation

A press of the button (CANC), with SL function on, erases temporarily the set speed memory, that will remain displayed beside the  white light.



Pressing the brake pedal the SL function remains engaged, while the CC function, if it was active will be temporarily deactivated.

To resume the set speed, read the next paragraph.

Resume Speed

To resume a previously set speed, push the button (RES) and release it. If you resume the set speed, but driving at a higher speed, the message shown in the picture below appears on the display and a buzzer alerts the driver.



The system cuts the electric motors torque and the  green light with beside the set speed will turn on.

Drive Override

If the driver presses the accelerator pedal to overtake another vehicle and exceeds the set speed limit, the set speed and the  green light will blink until the speed returns below the set speed. It is possible to do so at any driving speed, considering that it is possible to

set a minimum speed of 30 km/h (18 mph).

Intelligent Speed Assist - ISA



The ISA system, where provided, is combined with the Speed Limiter system and TSA (Traffic Sign Assist) system and suggests an automatic speed adjustment to the driver based on the speed limit for the road being travelled. You can decide whether to accept or reject the proposal to adjust the speed set by the SL to match the one suggested by the speed limit symbol, according to manual or automatic function set, by using the RES button located on the steering wheel.



A corresponding message will be shown on the instrument cluster display.



Activation / Deactivation

Activation

The system can be activated/deactivated by the Setting list on the MIA screen (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").

Deactivation

The system is deactivated under the following conditions:

- when the Traffic Sign Recognition system is deactivated;
- when the Speed Limiter device is deactivated.

NOTE:

For non-GSR versions, selecting "Traffic Sign Assist Sensitivity" it is possible to set the speed increment to which the ISA system will adjust, up to a maximum of 10 km/h above the speed limit sign detected by the system, or the speed decrement to which the ISA system will

adjust, down to a minimum of 10 km/h below the speed limit sign detected by the system. In these cases, the road sign information shown on the instrument panel display will remain that detected by the TSA system.

Indications on the Display

The system status is always shown by a dedicated green icon  on the instrument cluster display, in the upper right of the screen.

Acceptance / Rejection of the Suggested Speed

The system can be activated if the driver has previously activated:

- the Speed Limiter device;
- the Traffic Sign Assist system.

When these systems are active, the instrument cluster display can show an icon that indicates the suggested speed (provided by the TSA system) which the driver can decide to accept or reject using the RES button on the steering wheel.



To accept the proposed speed and consequently adjust the speed set by the Speed Limiter, push the RES button. If ISA is set in "Manual" mode on the MIA screen, RES button confirm the suggested speed. If ISA is set in "automatic" mode on the MIA screen, the system will adapt automatically the speed, the driver can push RES within 5 seconds to reject the new speed. If the driver accepts the value suggested by the ISA or if the speed set using the

Speed Limiter device is the same as the that detected by the Traffic Sign Assist system, the speed limit sign on the instrument cluster display will be highlighted with a green circle.



Cruise Control - CC

The electronic Cruise Control (CC) enables the driver to maintain the desired vehicle speed without pressing the accelerator pedal, reducing driving fatigue on highways, especially long trips, as the set speed is automatically maintained. A firm press on the accelerator pedal will temporarily suspend the cruise control function, while a firm press on the braking pedal will temporarily deactivate the cruise control function.



CAUTION!

The device can only be switched on at speeds exceeding 30 km/h (18 mph) and is temporarily suspended when the accelerator pedal is pressed.



WARNING!

The Cruise Control function must only be activated when traffic and the route permit a constant speed to be maintained safely for a sufficiently long distance.

Controls

The Cruise Control controls are located on the right side of the steering wheel. Control configuration depends on which driver assist systems are

installed to the vehicle (see "Controls on Steering Wheel" in section "Dashboard Instruments and Controls").

In the standard configuration there is a specific button to enable and disable the CC.



Control "pulse activation" buttons have the following functions:

Configuration



ON/OFF "pulse activation" button to engage/disengage CC system.

SET+
SET-

- SET+ / SET - : Increase / Decrease speed, set current speed.

RES

- RES: Resume previously set speed when system is in cancelled status.

CANC

- CANC: Deletes the set speed.

In order to ensure proper operation, the CC system has been designed to shut down if multiple systems are operated at the same time (example: CC and FCW). When conditions so allow, the CC system can be reactivated by pushing the RES button.

Displayed Information

Apart from the pop up messages at the centre of the display, CC system status is represented by icons on the display, in the dedicated area. See "Instrument cluster overview" in section "Dashboard Instrument and Controls".

Displayed information depends on system status: ready, set, temporarily cancelled or override.

Activation

To turn the system on, push the ON/OFF button. The white light with beside 3 dashes on the display will illuminate.



To turn the system off, push the ON/OFF button a second time. The white light will turn off.



WARNING!

Never leave the Cruise Control system on when not in use. You could accidentally set the system or cause it to go faster than you want. Always leave the system off when you are not using it.

Speed Range of Use

Speed	km/h (mph)
Minimum	30 (18)
Engaged/activated	30 (18)
Maximum	210 (130)

Setting Desired Speed

Turn on the CC function. When the vehicle has reached the desired speed



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(in the example: 100 km/h), push downward the multifunction switch (SET -) and release.

The  green light with beside the desired speed will illuminate on the cluster display.



Release the accelerator and the vehicle will operate at the selected speed.

NOTE:

The vehicle should be travelling at a steady speed and on level ground before pushing the button (SET-).

Pressing the  "ON/OFF" button or moving the ignition device in **STOP** position erases the set speed memory.

Changing Speed Setting

Pushing the button (SET +) or (SET -) once will enable to increase or decrease the set speed by one unit (1 km/h or 1 mph). If the car is equipped with ADAS Systems, the short press of the button

will increase or decrease the set speed of 1 km/h or 1 mph; a long pressure of the same will increase or decrease the set speed of 10 km/h or 5 mph. Release the button when the desired speed is reached, and the new set speed will be visualized beside the green light. Each subsequent tap of the multifunction switch will increase or decrease the speed by 1 km/h or 1 mph.

Temporary Deactivation

A soft tap on the brake pedal, pressing the button (CANC), or normal brake pressure while slowing the vehicle will temporarily deactivate the CC without erasing the set speed memory. The  white light with beside the set speed will appear on the cluster display.



Driver Override

If the driver presses the accelerator pedal while the CC is on, such as to overtake another vehicle, and exceeds

the set speed limit, the system will temporarily suspend the CC. When the accelerator pedal is released, the vehicle will return to the set speed.

Resume Speed

To resume a previously set speed, push the button (RES +) and release. The  green light with beside the set speed will illuminate on the display. Resume can be used at any speed above 30 km/h (18 mph).

Using Cruise Control on Hill

The brake may be used on hills to maintain the vehicle set speed. The CC system maintains set speed up and down hills. A slight speed change on moderate hills is normal. On steep slopes it is recommend to drive without CC.



WARNING!

Cruise Control (CC) can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use CC in heavy traffic or on winding, icy, snow-covered or slippery roads.

Adaptive Cruise Control - ACC

The Adaptive Cruise Control (ACC) is part of ADAS equipments.

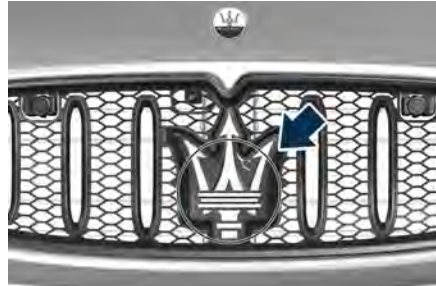
Warnings and Cautions

The ACC further increases the drive comfort ensured by the Cruise Control (CC). ACC can work in any type of road: however, its use it is not recommended in urban scenario.

Always consider that ACC is not a safety system and is not designed to prevent accidents.

The ACC allows driver to keep CC active in limited or moderate traffic conditions with no need to constantly restore the CC.

The ACC uses a radar sensor, located on the front grille behind the trident, and the camera behind the internal rear-view mirror to detect the presence of a vehicle ahead at a close distance and moving in the same direction.



This vehicle, in this chapter, will be indicated as "target vehicle" or "vehicle ahead".

NOTE:

- If the sensor detects no vehicle ahead, the ACC system will maintain set steady speed.
- At the time instant the ACC sensors detect a target vehicle, the system keeps the time gap selected by the driver. In the same way, the ACC adapts the vehicle speed according to both time gap and set speed selected by the driver.



WARNING!

- The Adaptive Cruise Control (ACC) is designed to increase vehicle driving comfort. It must not be considered as a means replacing the required attention of the driver. The driver is always required to drive carefully. The driver is always required to pay utmost attention to driving conditions (road, traffic, weather) and style (speed, distance from sensed vehicle ahead, brake use). Driver has the full responsibility of the vehicle therefore the driver's attention is crucial to keeping vehicle control in particular when approaching curves, rounds and situations with heavy traffic. Failure to follow these warnings can result in a collision and death or serious personal injury.
- In some driving scenarios, the ACC could have detection problems. In such cases, the ACC could kick in late or unexpectedly. The driver must be careful since his/her intervention could be necessary.
- It is always driver responsibility to obey to speed limits and to keep minimum legal distance to the preceding vehicle foreseen for the specific country.



- **ACC system can decelerate only with limited braking, it cannot execute emergency braking.**

The ACC system:

- Does not activate/react in the presence of pedestrians, bicycle and not licensable vehicle in general, incoming traffic from opposite direction.
- Is meant for the use on highways and well-build roads, not for city traffic or mountain roads.
- May not have enough time to react and/or decelerate sufficiently on vehicles when lane is changed too fast or the relative speed is too high. In such cases the driver has to react appropriately also without any acoustic/visual warning.
- Cannot consider road, traffic and weather conditions and might prove limited when visibility is poor.
- Does not always fully recognise complex driving conditions and this could cause wrong assessment of the required safety distance.
- The truck mounted attenuator can't be recognized while driver activates advance driver-assistance system.

It is recommended to disable the ACC system in the following instances:

- When driving in the fog, heavy rain, heavy snow, slush, heavy traffic and similar complex situations such as for

instance highway sections where there are men at work.

- When entering a junction lane or a slip road to leave the highway; when driving on narrow, icy, snowy, slippery roads, or on steep up and downhill roads.
- When circumstances do not allow to drive safely at constant speed.

Displayed Information

ACC condition, as well as the ALM and ADA status, is displayed on display after selecting "Driver Assist" menu (see "Main Menu Contents" in section "Dashboard Instruments and Controls").

Displayed information depends on system status: ready, set, temporarily cancelled or override.

Apart from the image at the centre of the display, ADAS systems status is represented by icons at the top left and right of the display. These icons remain displayed even when you exiting the "Driver Assist" screen.

ADAS system status is also displayed in the right digital dial (ADAS area) when the main menu is not in "Driver Assist" screen.

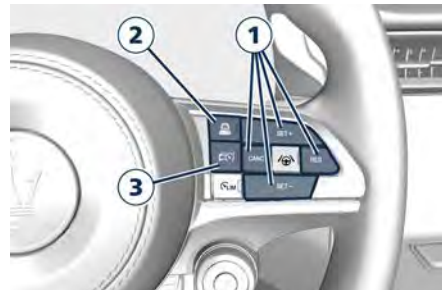
The vehicle(s) and horizontal bars represent the ACC status as ready (white) or with sensed vehicle ahead (green); the white, grey, green or yellow

lines represent the ALM and ADA systems.

The ACC screen can be displayed any time driver changes system status or settings.

System Controls and Activation Conditions

The "pulse activation" buttons on steering wheel R/H side control ACC operation and the other functions/driver assist systems installed to this vehicle.



1. Multifunction control shared by all driver assist functions/systems:
 - SET+ / SET - : Increase / Decrease speed, set current speed.
 - RES: Resume previously set speed when system is in cancelled status.
 - CANC: Cancel the function if it was in set status, going in a ready condition but remembering the previous set speed.

2. ACC time gap: pressed and released; set the distance to sensed vehicle ahead as horizontal bars (setting cycle starts to 4 bars).
3. ACC ON/OFF button.

NOTE:

Any change made to tire dimensions affects performance of Adaptive Cruise Control and Forward Collision Warning.

The ACC is not activated or engaged in the following conditions:

- When braking.
- Anti-Lock Brake (ABS) kicks in.
- When parking brake is activated.
- When automatic transmission is in P (Park), R (Reverse) or N (Neutral) mode.
- When vehicle speed is out of preset speed range.
- When brakes are too hot.
- When driver door is open below 8 km/h (5 mph).
- When the driver's seat belt is unbuckled below 8 km/h (5 mph).
- When the road is particularly steep (both uphill and downhill) at low speed.
- The Electronic Stability Control and the Traction Control System (ESC/TCS) activate.
- When there is an object too close in front of the vehicle.

It is possible that more than one system is active at the same time such as ACC and ADA just to mention some.

While activation of ACC and CC at the same time is impossible.

Speed Range of Use

Speed	km/h (mph)
Minimum	0
Engaged/activated	30 (18)
Maximum	210 (130)

Activation/Deactivation**NOTE:**

Pictures show status of ACC and ALM systems.

Press and release  ON/OFF button to activate the ACC and enter the "Driver Assist" page. The display will show in the top right corner the  white symbol with beside 3 dashes will illuminate indicating that system is ready to be set. In the main area the symbology of the other ADAS system set will be displayed.

When exiting the "Drive Assist" page, the ADAS symbology will remain on the top right corner and in the right digital dial.



Push the ON/OFF button a second time and release to turn the system off. A pop up message is displayed for 2 seconds to indicate that ACC was disabled.





WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally activate the system or cause it to go faster than you want. Always leave the system off when you are not using it.

Setting the Speed

When vehicle reaches required speed, press and release the button (SET - / SET +). The display will show set speed corresponding to vehicle current one. Speed value will be indicated beside the  green symbol and above the distance bars, in the centre of the display.



Remove foot from accelerator pedal and vehicle will continue at set speed.

Driver Override

If driver accelerates beyond the set speed or faster than the car would do autonomously, the time gap bars will become grey to remember that in this condition the system cannot control the distance between vehicle and sensed vehicle ahead. Vehicle speed will be determined only by the accelerator pedal position.

Changing Speed Setting

Once speed is set, driver can increase or decrease it by respectively pressing the button (SET +) or down (SET -). Speed can be increased or decreased in two ways:

- Pressing control once, set speed will increase or decrease by one unit corresponding to 1 km/h (1 mph).
- Hold the control to increase or decrease set speed by 10 km/h (5 mph) at a time.

NOTE:

- When pressing the button (SET +) or (SET -), the new set speed will be the current speed of the vehicle.
- When using (SET -) control to decelerate, if the electric motors braking power does not slow down the vehicle sufficiently to reach the

set speed, the brake system will automatically slow down the vehicle.

- The ACC system applies the brake down to a full stop when following a target vehicle. If an ACC host vehicle follows a target vehicle to a standstill, after two seconds the system will not be able to resume driving the car autonomously. At this point it is necessary the intervention of the driver on the multifunction control (press RES) or press the accelerator pedal (see “ACC Operation Before and During Stop” in this chapter).
- The ACC system maintains set speed when driving up hill and down hill. However, a slight speed change on moderate hills is normal. In addition, downshifting or the use of the brake may occur while climbing uphill or descending downhill. This is normal operation and necessary to maintain set speed. When driving uphill and downhill and the brake is used, the ACC system will cancel if the braking temperature exceeds normal range.

Temporary Deactivation

A soft tap on the brake pedal, pushing the button (CANC), or normal brake pressure while slowing the vehicle will temporarily deactivate the ACC without erasing the set speed memory. The 

white light will appear on the display with beside the set speed.

Conditions for Disabling and Deactivation

Besides the cases specified in the previous paragraph, the following conditions will disable the system:

- "CORSA" drive mode is set.
- The driver disabled the ESC using the ESC Off soft-key on the Comfort Display.

The system is deactivated and set speed is deleted from system memory, if the ACC ON/OFF button is pressed or if ignition device is turned to **STOP**.

Resuming Speed

If a speed setting is stored in system memory, press the button (RES) and take foot off the accelerator pedal. The last set speed will be displayed.



WARNING!

The resume function should be used only when road and traffic conditions allow it. Resuming a too high or too low speed for current traffic and road conditions could cause a harsh vehicle acceleration or deceleration which could jeopardise driving safety and risk to cause severe accidents.

Setting the Time Gap

The specified time gap has four different settings, identified by 4 horizontal bars that represent 4 different time gaps:

- Maximum (longest) time: 4 bars (default time).
- Long time: 3 bars.
- Medium time: 2 bars.
- Short time: 1 bar.

Based on both time gap, selected by the driver, and the actual vehicle speed, ACC calculates the distance to keep from the vehicle ahead.



If another information covering ADAS visualization in the main area (textual pop ups, NAVI information, phone call, etc...) are displayed, the ACC time gap symbol shall be displayed in the top right corner for the time the ADAS in the main area is covered (see detail in picture). If system does not detect the presence of any vehicles ahead, only the bars

referred to set time gap will be displayed.

When system detects the presence of a vehicle ahead, it is displayed in front of the bars (see example in the figure).



To increase or decrease the number of bars, corresponding to the time gap from vehicle ahead, press and release the related setting "pulse activation" button.



Each press and release of the button changes the time gap starting from 4 bars (default time) and moving in a



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sequential way towards the minimum time: 4→3→2→1→4→3→2→1 and so on.

NOTE:

The set time gap will be maintained in the next ACC activation.

If there is no vehicle ahead, the vehicle will maintain the set speed. If a slower moving vehicle is detected in the same lane, the system displays the target vehicle icon before the bars.

From that moment, the system adjusts vehicle speed automatically to maintain the time gap setting, regardless of the set speed.

The vehicle will then maintain the set time gap until:

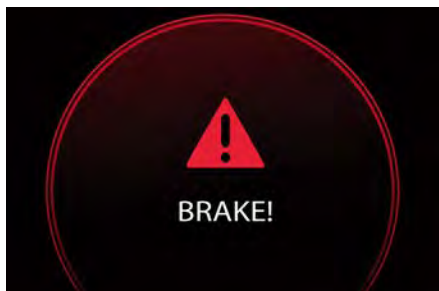
- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The time gap setting is changed.
- The driver disables the system.

The maximum braking applied by ACC is limited; however, the driver can always apply the brakes manually, if necessary.

Any time the ACC system automatically operates the brakes, the stop lights will turn on as if the driver was braking.

A Proximity Warning on display will alert the driver if ACC predicts that its maximum braking level is not sufficient to maintain the set time gap.

If this occurs, a visual alert will flash on the display and a chime will sound while ACC continues to apply its maximum braking capacity.



NOTE:

The displayed warning is a warning for the driver to take action and does not necessarily mean that the Forward Collision Warning system is applying the brakes autonomously.

Overtake Aid

When driving with ACC engaged and following a target vehicle, the system will provide an additional acceleration to assist in passing vehicles in front.

This additional acceleration is triggered when the driver utilises the left turn signal to start overtaking. In locations with left hand drive traffic, overtake aid is active only when passing on the left side of the target vehicle.

When a vehicle goes from a location with left hand drive traffic to a location with right hand drive traffic, the ACC system will automatically detect traffic direction. In this condition, overtake aid is active only when passing on the right side of the target vehicle. This additional acceleration is triggered when the driver utilises the right turn signal to start overtaking. In this condition the ACC system will no longer provide Overtake Aid on the left side until it determines that the vehicle has moved back to a location with left hand drive traffic.

System Operation Before and During Stop

If an ACC host vehicle follows a target vehicle to a standstill, after two seconds the system will not be able to autoresume.

In this condition, displays an instruction message pop up for 5 seconds and the driver have to press the accelerator pedal or resume the ACC speed by acting on the button (RES).

While ACC with Stop is holding your vehicle at a standstill, if the driver unbuckles the seatbelt or opens the door, the ESC system will activate the EPB and cancels the ACC status.



WARNING!

- When the Adaptive Cruise Control (ACC) system is resumed, the driver must ensure that there are no pedestrians, vehicles or objects in the path of the vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.
- During the automatic stopping behind a vehicle in some rare cases it may happen that the system does not recognize the rearmost point of the vehicle ahead but a target under the vehicle ahead (e.g. the back axle of a truck with a high loading edge or a bumper of a vehicle although overhanging load is hanging over the vehicle's rear). In these cases the system cannot guarantee the appropriate stopping distance leading to collision in the worst case. For this reason the driver has to be attentive and ready to brake during automatic stops.

Display Warnings and Maintenance of ACC and FCW Systems

Wipe Front Radar Sensor Warning

This warning will display and also a chime will indicate when conditions temporarily limit system performance

due to sensor poor or failed signal reception. This most often occurs at times of poor visibility, such as in snow or heavy rain. The ACC and FCW systems may also become temporarily blinded due to obstructions, such as mud, dirt or ice on the radar sensor. In these cases, the system will be disabled. This message can sometimes be displayed while driving in highly reflective areas (i.e. tunnels with reflective tiles, or ice and snow). The ACC and FCW systems will recover operation after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.

If weather conditions are not a factor, the driver should examine the sensor. It may require cleaning or removal of an obstruction. The sensor is located in the centre of the front grille, behind the Maserati trident.

To keep the ACC System operating properly, it is important to note the following maintenance items:

- Always keep the sensor clean. Carefully wipe the sensor lens with a soft cloth. Be cautious not to damage it.
- Do not remove any screws from the sensor. Doing so could cause an ACC

system malfunction or failure and require a sensor realignment.

- If the sensor or front end of the vehicle is damaged due to a collision, see your authorised dealer for service.
- Do not attach or install any accessories near the sensor, including transparent material or aftermarket grilles. Doing so could cause an ACC system failure or malfunction. When the condition that deactivated the system is no longer present, the system will return to the "Adaptive Cruise Control Off" state and will resume function by simply reactivating it.

NOTE:

If the radar sensor wipe warning message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the radar sensor realigned at the **Service Network**.

Clean Front Windshield Warning

This warning will display when conditions temporarily limit system performance due to camera poor or failed signal reception. This most often occurs at times of poor visibility, such as in snow or heavy rain and fog. The ACC and FCW systems may also become temporarily blinded due to obstructions, such as mud, dirt, or ice on windshield



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and fog on the inside of glass or when driving in bad weather.

In these cases, the system will have degraded performance.

The ACC and FCW systems will recover operation after the vehicle has left these areas. Under rare conditions, when the camera is not tracking any vehicles or objects in its path this warning may temporarily occur.

If weather conditions are not a factor, the driver should examine the windshield and the camera. They may require cleaning or removal of an obstruction. When the condition that created limited functionality is no longer present, the ACC and FCW systems will return to full functionality.

NOTE:

If the windshield wiper warning message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the windshield and forwardfacing camera inspected at the **Service Network**.

Service ACC/FCW Warning

If the ACC and FCW systems turn off, and the system displays a service warning, there may be an internal system fault or a temporary malfunction that limits functionality.

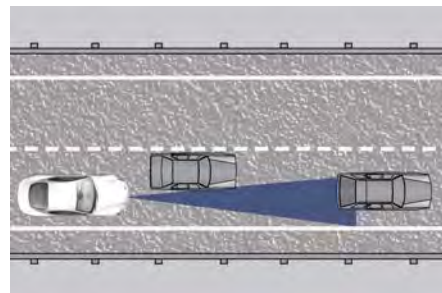
Although the vehicle is still driveable under normal conditions, ACC and FCW will be temporarily unavailable. If this occurs, try activating ACC and FCW again later, following an ignition cycle. If the problem persists, contact the **Service Network**.



Precautions while Driving with ACC

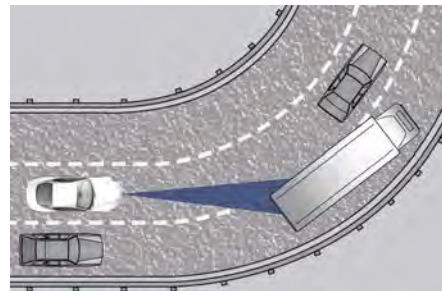
Offset Driving

ACC may not detect a vehicle in the same lane that is offset from your direct line of travel, or a vehicle merging in from a side lane. There may not be sufficient distance to the vehicle ahead. The offset vehicle may move in and out of the line of travel, which can cause your vehicle to brake or accelerate unexpectedly.



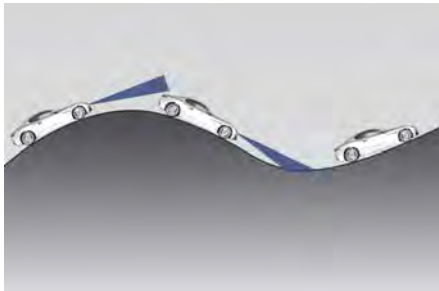
Turns and Bends

When driving on a curve with ACC engaged, the system may decrease the vehicle speed and acceleration for stability reasons, with no target vehicle detected. Once the vehicle is out of the curve the system will resume your original set speed. This is a part of normal ACC system functionality. Moreover, the radar sensor might detect a vehicle on a nearby lane or no longer detect the target vehicle.



Using ACC on Hills

When driving on steep hills, ACC may not detect a vehicle in your lane when vehicle reaches the crest. Depending on the speed, vehicle load, traffic conditions, and the steepness of the hills, ACC performance may be limited.

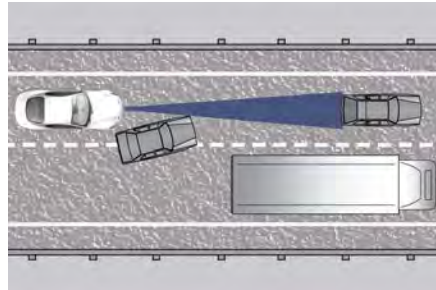


Lane Changing

ACC may not detect a vehicle until it is completely in the lane in which you are travelling.

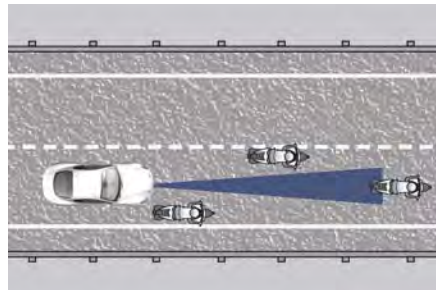
In the illustration shown, ACC has not yet detected the vehicle changing lane and it may not detect the vehicle until it is too late for the driver to take action. ACC may not detect a vehicle until it is completely in the lane. There may not be sufficient distance to the lane changing vehicle.

Always be attentive and ready to apply the brakes if necessary.



Narrow Vehicles

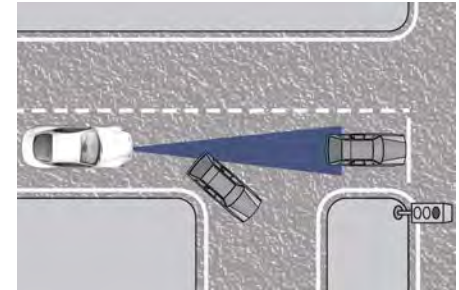
Some narrow vehicles (like motorcycles) travelling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There may not be sufficient distance to the vehicle ahead.



Stationary Objects and Vehicles

ACC reacts to stationary vehicles at low and medium speed. For example, ACC will react in situations where the vehicle you are following exits your lane and the

vehicle ahead is stopped in your lane. Always be attentive and ready to apply brakes if necessary.



Radar Device - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.



Forward Collision Warning - FCW

The Forward Collision Warning (FCW) system with braking action uses the same parts already described for Adaptive Cruise Control (ACC) for sensing vehicle ahead (hereinafter “target vehicle”) as well as part of the warnings/messages on system condition and activation status. Full performance can be reached only when both the sensing parts have detected a vehicle or a pedestrian.



AEB (Automated Emergency Braking)



ICA (Intersection Collision Assist) (L2+)

Automated Emergency Braking System

Automated Emergency Braking provides the driver with audible warnings, visual warnings on the instrument cluster display, and may apply automatic braking when it detect a potential frontal collision with a pedestrian or a object.



WARNING!

Automated Emergency Braking is not intended to avoid a collision on its own, nor can it detect every type of potential collision with pedestrian. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

System Limitations

Automated Emergency Braking may be impaired or may not function in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, if there are highly variable shade conditions or in rain, snow or fog.
- If there is glare, e.g. from oncoming traffic, direct sunlight or reflections from other vehicles.
- If the windshield in the area of the camera is dirty, or if the camera is fogged up, damaged or covered.
- During air suspension transitions.

System Operation

The FCW provides audible and visual warnings when a potential collision is detected. Brake jerk and limited braking may also be applied depending on the specific scenario.

FCW monitors the information from the forward looking radar sensor and camera (2 more corner radar sensors are present in the front part of the car when ICA is equipped) to calculate the probability of a forward collision; the Electronic Brake Controller (EBC) will execute the brake request. When the system determines that a forward collision is probable, the driver will be provided with audible and visual warnings and may provide a warning brake jerk. If

the driver does not take action based upon these progressive warnings, then the system will provide a limited level of active braking to help slow down the vehicle and mitigate the potential forward collision. If the driver reacts to the warnings by braking and the system determines that the driver intends to avoid the collision by braking but has not applied sufficient brake force, the system will compensate and provide additional brake force as required. When the system determines a collision with the vehicle in front of you is no longer probable, the warning messages will be deactivated.

NOTE:

- Bad weather conditions, like strong rain, snow, etc., can lead to reduced system performance. Under these conditions relevant objects will not be detected or detected late by the system.
- FCW is designed to react in specific situations in typical traffic scenarios with objects in the same lane driving in the same direction, but under certain conditions it can also react on stationary objects in the same lane. The system is designed to react to oncoming traffic (only with ICA).

In the event of crossing traffic, there is no braking, only warning.

- The FCW alerts may be triggered on objects other than vehicles such as guard rails or sign posts based on the course prediction. This can occur but it is not part of normal FCW activation and functionality.
- It is unsafe to test the FCW system. To prevent such misuse of the system, after four Active Braking events within an ignition cycle, the Active Braking portion of FCW will be deactivated until the next ignition cycle. The limit of four events applies to the brake jerk too.
- The FCW system is intended for on-road use only. If the vehicle is taken off-road, the FCW system should be deactivated to prevent unnecessary warnings.
- FCW will automatically deactivated when ESC OFF button is pressed (LED light up).



WARNING!

- **Forward Collision Warning (FCW) is not intended to avoid a collision on its own, nor can FCW detect every type of potential collision. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death. The driver is always in charge to safely drive and to avoid critical situations not relying on the support of the system. Driver has to keep in mind that the system and therefore its intervention is always subject to the prevailing physical limits.**
- **FCW is not intended either to warn or to apply any brake aid/brake intervention in case of collisions with pedestrians bicycles and smaller vehicles in general.**

Speed Range of Use

Speed	km/h (mph)
Minimum	0
Engaged/activated	5 (3.1)
Maximum	250 (155)

When the speed is outside the specified limits, the system automatically disables without turning on the corresponding warning light on the instrument cluster.



System Status

The driver can adjust FCW status and sensitivity by touching "Forward Collision Warning" soft-key on the "Apps" page or in the "Settings" list of the "Vehicle" page.

Setting options are described in the following paragraph.

When FCW status for some reason changes in off, the corresponding amber warning light on instrument cluster will light on.



This warning light informs the driver that FCW is disabled. This warning light will light even when the activation of another driver assistance function or drive mode disables the FCW.

NOTE:

The FCW system setting chosen by the User is kept in memory only for the current ignition cycle.

System Setting

FCW warning can be set in "On" or "Off".

When the active braking function ("Forward Collision Warning") setting is on, the system warns you of a possible collision with the vehicle in front of you when you are farther away and it applies limited braking.

When set to "Far" setting, the system is more sensitive and warns you of a possible collision when the vehicle ahead is at a greater distance. This setting provides the most reaction time to avoid a collision.

When set to "Near" setting, the system is less sensitive and warns you of a possible collision when the vehicle ahead is closer. This setting gives you less reaction time, allowing for a more dynamic driving experience.

The default status of FCW sensitivity is the "Med (Medium)" setting, the intermediate status between the two described above.

NOTE:

- The default values shall appear at every new ignition cycle: Sensitivity = "Med" and Status = On.
- FCW may not react to irrelevant objects such as objects not in the path of the car, stationary objects that are far away, oncoming traffic, on cross

traffic vehicles, or leading vehicles with the same or higher rate of speed.

- The active braking (autonomous braking/braking aid) will not engage in case of potential collision with static object such as guard rails, walls, etc..
- If PEB setting is present in the setting list, it can be set on in "warning + active braking" even though the FCW setting is "Off".

If PEB setting is not present in the setting list, it will follow the FCW setting.

Changing the FCW status to "Off" inhibits the system from providing limited autonomous braking or additional brake support if the driver is not braking adequately in the event of a potential frontal collision.

In this state the system disables the brake jerk.

Limited Operation and Service Warning

The messages indicating on display the limited functionality or service at **Service Network** required are the same as for the ACC system. For further details, refer to "Adaptive Cruise Control - ACC" in this section.

NOTE:

- The adjustment of the sensor could be affected by strong shocks or light collisions. This could affect the system by reducing the systems performance or could increase the false positive rate. The adjustment of the radar system has to be proved or a new adjustment has to be performed by a **Service Network**.
- The radar system, together with the camera, requires specific function to detect objects. The detection could be disturbed/ reduced by environmental influences, for example by electrical field or the object itself. Object with small radar reflection properties could not be detected or detected late.
- For non-GSR versions, when in "CORSA" mode, the FCW function is deactivated.
For GSR versions, when in "CORSA" mode, the FCW function is activated by default but it is recommended to deactivate it for a better driving experience on the track.
For more information, see chapter "Functions of My Car Menu on MIA" in section "Dashboard Instruments and Controls".

Radar Device - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

Active Lane Management - ALM (BSA, with BSA only)

This system was designed especially for highway or freeway driving, to reduce the risk that the vehicle, under particular circumstances, accidentally departs from the lane in use. When this happens, graphic instructions on instrument cluster display together with steering torque application and steering wheel vibration (depending on the distance to the line and the setting that the driver has chosen from the "Settings" menu on MIA as described in "Customised Settings" of this chapter) warn the driver that the vehicle is going out of the lane initiates a steering manoeuvre to try to prevent the lane exit.

To detect lane lines, the system uses the forward-facing camera behind of the rear-view mirror, which is the same one used also by the lighting system to manage automatic high beam. The logic core is in the front radar.

ALM system can be enabled or disabled pushing the button located at the end of the left multifunction lever, behind the steering wheel.

For GSR versions, ALM is disabled after pushing the button twice, popup appears on the first push.



ALM system remembers the condition it was in before turning off the vehicle. For GSR versions, ALM is default enabled when the vehicle is started. Refer to "Functions of Controls Menu on MIA" in section "Dashboard Instruments and Controls" for further information.

NOTE:
In case of wet road or raining conditions the function could be disabled by the system in order to minimize the risks.

Active Blind Spot Assist (ABSA) Intervention

When the system is enabled pushing the button at the end of the left multifunction lever and the driver intends to change lane, using or not the turning light, an active steering manoeuvre will be performed if another vehicle is detected in the Blind Spot detection zones (see "Blind Spot Assist - BSA" in this section for further information).

Emergency Lane Keeping (ELK) Intervention

 **WARNING!**
In special cases like vehicle oncoming, vehicle overtaking, newjerseys or guardrails, Active Lane Management (ALM) may make an unexpected steering torque application. Lack of attention may lead to serious injury or death.

Speed Range of Use

Speed	km/h (mph)
Minimum	63 (39)
Engaged/activated	63 (39)
Maximum	186 (116)

Customised Settings

ALM is configurable by the customer in order to maximize its efficiency based on the driver driving style and his expectation of the system, reducing at the same time the possible invasiveness. Entering "Settings" menu of the "Vehicle" page on MIA display the driver can see the current setting beside the "Active Lane Management" soft-key. Touching "Active Lane Management" soft-key to enter the setting page.

The system can be set to "Vibration only", "Steering Assist only" and "Vibration + Steering Assist". lane Warning can be set to "Early" (default mode), "Medium" and "Late". Vibration Strength can be set to "Low" (default mode), "Medium" and "High". Steering Assist Strength can be set to "Low" (default mode), "Medium" and "High".

Meanings of Settings

"Vibration and Steering Assist": the system will apply steering torque when lane departure is detected showing at the same time the proper cluster indication, adding to this steering vibration when the departure is very imminent.

When "Vibration and Steering Assist" is selected and of course ALM is enabled then two following menu will be used by the system.

- "ALM Lane Warning": it tunes the distance to the lane boundary interested where the system will start to apply steering torque.
- "ALM Vibration and Steering Assist Strength": it tunes the vibration, steering torque and speed value increasing or decreasing it to have a stronger or weaker trajectory correction/deviation.



WARNING!

In rare cases, Active Lane Management (ALM) may make an inappropriate steering torque application. ALM may be interrupted at any time by counter steering. Lack of attention may lead to serious injury or death.

System Availability

The ADAS systems help the driver while driving. These systems can be set and monitored simultaneously on the display, after opening "Driver Assist" menu (see "Main Menu Contents" in section "Dashboard Instruments and Controls"). When you are not in the "Driver Assist" page, the system status is displayed in the right digital dial (ADAS area). ALM is designed for an attentive driver therefore the system is available only when his/her hands are on the steering wheel or with hands off for a very limited amount of time. When the system is enabled it will trigger cluster warning in case hands are not detected on the steering wheel.

The torque application as well as the vibration are suppressed/inhibited in case of: high driver torque in the steering wheel, high lateral acceleration, hands not on the steering wheel detected for more than a certain time.

High dynamic behaviours, driving on the lane boundary, off course will prevent the function from working.

FCW braking and stability system interventions (ESC, ABS) will also prevent the system from operating. Changing lane results in system inhibition for a certain time. In addition, the road must respect some characteristics such as minimum maximum width, lane clearly defined by two lane boundaries and only in limited cases for a limited time at least one.

The ALM system is active both in the case of both lines visible and available for the system, and in case of the only line available on the road.

Each ALM intervention is notified to the driver with the relative graphics which is shown for the entire duration of the system intervention and for a minimum time of 1 second.

Multiple interventions are allowed both in terms of visual and acoustic signals and in terms of steering torque. If more than three consecutive interventions are required within a period of 180 seconds, starting from the second intervention the acoustic signal will last 10 seconds longer the previous one. Starting from the third acoustic signal the system will emit a continuous sound

and a message on the display will indicate to keep the centre line.

NOTE:

- In case of wet road or raining conditions the function could be disabled by the system in order to minimize any risks.
- The system is developed to work only on the lines painted on the road surfaces, but it may happen that shadows, traces of old lines, road edges, etc. are also interpreted as such.
- The system warns the driver with a pop-up if the vehicle stays near the lane for more than 10 seconds.
- For non-GSR versions, the system is not available when in CORSA mode. For GSR versions, the system is available by default when in CORSA mode but it is recommended to deactivate it for a better driving experience on the track. For more information, see chapter "Functions of Drive Mode Menu on MIA" in section "Dashboard Instruments and Controls".

Being this function used to prevent unintentional lane change/lane drift, it will be temporary suppressed/inhibited by a turn indicator activation, therefore, graphic warning, steering torque application and vibration will



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be terminated. In these conditions the graphics turn grey.

Function Description and Operating Mode

The function intent is to prevent the lane departure by warning the driver through indication on the cluster and if set applying steering torque and vibration. The graphic intent is to represent at the glance the system knowledge of the lane in front of the car, the system suppression status and warning. For this a simple colour code has been adopted for each line (of the two presented):

- Both grey lines means system enable, not able to operate (suppression condition present or lane detection system not able to estimate properly the lane);
- Left/right grey line: the lane detection system is not able to detect that specific lane boundary;
- Yellow line: there is a steering torque intervention in progress that tries to prevent a departure on that side, in this situation the warning should increase the driver attention requiring him to properly handle the situation;
- Yellow flashing line: the graphic is shown whenever the system detects a very imminent lane departure, at

this can be added torque and steering vibration if configured by the customer.

The white lines (one or both) indicates that the corresponding lane boundary is detected and the system is capable to intervene on it.

Whenever the system is enabled there will be graphic on the dedicated screen of the "Driver Assist" page.

For GSR versions, there is always a telltale at the bottom right indicating ALM status.

An example of this screen with ALM system activated, can be found in the following figures.

ALM system is activated, car is crossing the lane boundary, steering torque and vibration if configured are in progress when this graphic is shown.



The icons that represent the status of the ADAS systems remain displayed in the

right digital dial when exiting the "Driver Assist" screen.



System Limitations

Because of physical limits the system to properly operate needs good visibility (it might not work or not properly operate in case of heavy rain, snow, wet roads, fog, direct sun on the camera, etc.).

NOTE:

The sensors are not able to detect the presence of the hands on the steering wheel areas covered in wood, plastic bezels or carbon inserts (where present).

Sharp turns, slopes and change in slopes, poor lane boundaries, as well as construction areas and all the scenario described in this paragraph may challenge the system, therefore be always ready to prevent any unexpected behaviour of the car.

Damaged front bumper, windshield replaced without proper technical

intervention may also lead to system malfunction or system unavailability. Other conditions such as fault, but not explicitly indicated here may also prevent/interrupt the system intervention.



WARNING!

If the driver fails to adapt his/her driving style, Active Lane Management (ALM) can neither reduce the risk of an accident nor override the laws of physics. It cannot take into account road, weather or traffic conditions. Active ALM is only an aid. Driver is always responsible for the distance to the vehicle in front, for vehicle speed, for braking in good time and for staying in lane.

System in Faulty

When the ALM cannot properly operate due to a fault of its components or because the windshield in front of the forward facing camera is dirty, the amber light and/or the corresponding message will be displayed.



If message suggestion does not allow fixing the fault, avoid using the system and have the vehicle inspected at the **Service Network**.

Radar Device - Regulatory Information

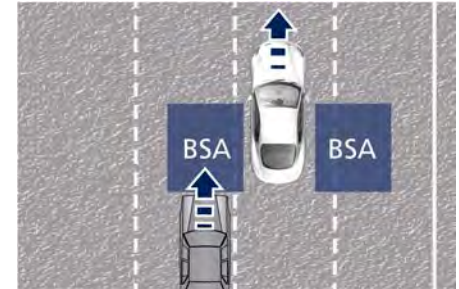
The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

Blind Spot Assist - BSA

System Operation

The Blind Spot Assist (BSA) system uses two or four radar-based sensors, depending on the optional mounted on the vehicle, located inside the bumper fascias, to detect highway licensable vehicles (cars, lorries, motorbikes, etc.) that enter the blind spot zones from the rear/front/side of the vehicle in adjacent lines.

The example shown in the figure highlights the blind spots on either side of the vehicle when overtaking traffic is approaching from behind.



When the vehicle is started, the BSA warning light will momentarily illuminate in both outside rear view mirrors to let the driver know that the system is operational and on. The BSA system sensors operate when the vehicle is in any forward gear and enters standby

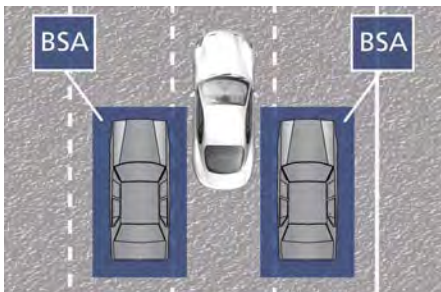


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mode when the transmission is in (P) Park mode.



The BSA detection zone shown in figure covers approximately one lane on both sides of the vehicle. The blind spot area extends from immediately behind the exterior rear-view mirrors up to behind the rear bumper.



The BSA system monitors the detection zones on both sides of the vehicle to detect the presence of vehicles and begins to warn the driver by flashing the

warning light in the rear view when the vehicle speed reaches approximately 10 km/h (6 mph) or higher.

On the instrument cluster, in the main menu area, vehicles in blind spot while the turn indicator is active on the same side of the detected object shall trigger a bigger yellow glow appearing on the same side of the detected object (corresponds to feedback on the external LED of rear view mirror lights up flashed).



WARNING!

- The Blind Spot Assist (BSA) system does NOT alert the driver about rapidly approaching vehicles that are outside the detection zones.
- The BSA might alert the driver too late especially in case of rapidly approaching vehicles.

- The driver must always pay utmost attention and drive carefully.



WARNING!

Risk of accident despite Blind Spot Assist (BSA). BSA does not detect/react to the following:

- Overtaking vehicles close on the side, placing them in the blind spot area. As a result, BSA may neither give warnings nor intervene in such situations.
- Always pay attention to the traffic situation and maintain a safe distance at the side of the vehicle.

NOTE:

If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle at the **Service Network** to verify sensor alignment. Having a sensor that is misaligned will result in the BSA not operating to specification.

The area on the rear bumper fascia where the radar sensors are located must remain free of snow, ice, and dirt/road contamination so that the BSA system can function properly. Do not cover or block the area of the rear bumper fascia where the radar sensors

are located with foreign objects (bumper stickers, spoilers, bicycle racks, etc.). The BSA system notifies the driver of vehicles or objects in the detection zones by illuminating the BSA warning light located in the outside mirrors in addition to sounding an audible (chime) alert and reducing the radio volume (if the radio is on). Refer to “BSA and RCP Setting” in this chapter for further information.

The BSA system monitors the detection zone from three different entry points (side, rear, overtaking traffic) while driving to see if an alert is necessary. The BSA system will issue an alert whenever a vehicle enters any one detection zone as outlined below.

Speed Range of Use

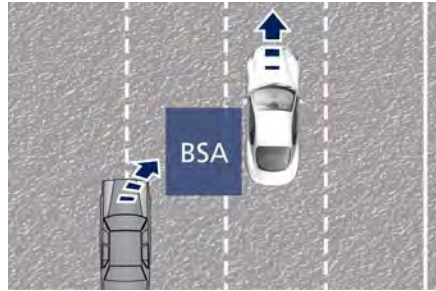
Speed	km/h (mph)
Minimum	10 (6)
Engaged/activated	10 (6)
Maximum	–

NOTE:

Performance is guaranteed up to a maximum speed of 180 km/h (112 mph).

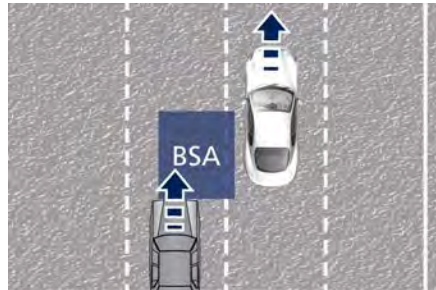
Entering from the Side

Vehicles that move into your adjacent lanes from either side of the vehicle.



Entering from the Rear

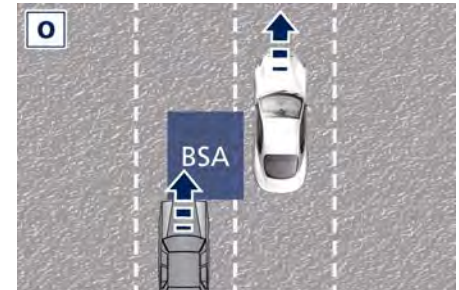
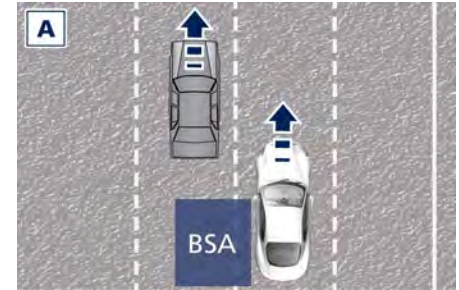
The alert will turn on when the vehicles that come up from behind your vehicle on either side and enter the rear detection zone with a relative speed of more than 43 km/h (27 mph).



Overtaking Traffic

The figures show the vehicle approaching (A) and passing (O) another vehicle in the overtaking lane. If you pass another vehicle slowly, the vehicle remains in the blind spot for

approximately 2 seconds, the BSA warning light in the outside mirror will illuminate after 1.5 seconds. If the difference in speed between the two vehicles is greater, the warning light will not illuminate.



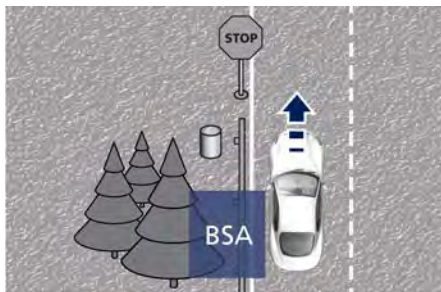
Other Cases

The BSA system is not designed to issue an alert on stationary objects such as guardrails, posts, walls, foliage heaps, berms, etc. However, occasionally the system may alert on such objects. This is

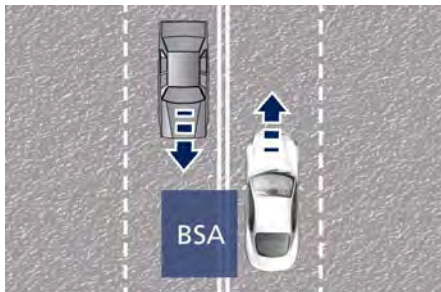


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normal operation and your vehicle does not require service.



The BSA system will not alert you of objects that are travelling in the opposite direction of the vehicle in adjacent lanes.



WARNING!

- The Blind Spot Assist (BSA) system is only an aid to help detect vehicles in the blind spot zones.
- The BSA system is not designed to detect pedestrians, cyclists, or animals.
- Even if your vehicle is equipped with the BSA system, always check your vehicle's outside and rear-view mirrors for any vehicles approaching from behind or overtaking.
- Use your turn signal before changing lanes.

RCP - Rear Cross Path (RCP)

The Rear Cross Path (RCP) function is intended to aid the drivers when gear in reverse of parking spaces where their vision of oncoming vehicles may be blocked.

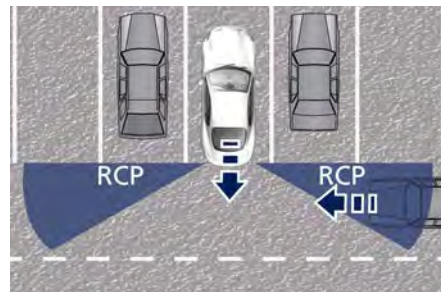
The RCP system monitors the rear detection zones on both sides of the vehicle. Using sensors located on either side of the rear bumper, it detects vehicles or objects that are moving toward the side of the vehicle with a minimum speed of approximately 7 km/h (4 mph) to a maximum of approximately 60 km/h (37 mph), such as in parking lot situations.

NOTE:

In a parking lot situation, oncoming vehicles can be obscured by vehicles parked on either side. If the sensors are blocked by other structures or vehicles, the system will not be able to alert the driver.

Proceed slowly and cautiously out of the parking space until the rear end of the vehicle is moderately exposed.

The RCP system will then have a clear view of the cross traffic. If an oncoming vehicle is detected, the RCP system will alert the driver using both the visual and audible alarms. If the radio is on, it will also reduce the radio volume.





WARNING!

Rear Cross (RCP) is not a Back Up Aid system. More specifically, it is intended to be used to help a driver detect an oncoming vehicle in a parking lot situation. Drivers must be careful when backing up, even when using RCP. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. Failure to do so can result in serious injury or death.

BSA and RCP Setting

Setting modes can be selected from the MIA system.

Touch “Settings” soft-key on “Vehicle” page and then select “Blind Spot Assist” soft-key to enter the setting page.

Refer to chapter “Functions of Controls Menu on MIA” in section “Dashboard Instruments and Controls” for further information.

BSA in Visual Mode

When operating in “Visual” mode, the BSA system will provide a visual alert in the appropriate side view mirror when it detects a vehicle or an object in the detection areas monitored by its sensors: depending on the status of the relative turn indicator, the warning light

can be fixed or flashing. However, when the system is operating in RCP mode, it will respond with both visual and audible alerts when an oncoming vehicle or an object approaching the rear end side of the vehicle is detected.

Whenever an audible alert is requested, the radio is muted (if the radio is on).

BSA in Visual and Acoustic Mode

When operating in “Visual & Acoustic” mode, the BSA system will provide a visual alert in the appropriate side view mirror based on a detected vehicle or object.

If the turn signal is then activated, and it corresponds to an alert present on that side of the vehicle, an audible chime will also be sounded: in the same moment the warning light will start flashing.

Whenever a turn signal and detected vehicle or object are present on the same side at the same time, both the visual and audio alerts will be issued. In addition to the audible alert, the radio volume will be reduced (if the radio is on).

NOTE:

If the hazard flashers are on, the BSA system will issue the appropriate visual alert only.

When the system is in RCP mode, the system shall respond with both visual

and audible alerts when a detected vehicle or object is present. Whenever an audible alert is requested, the radio (if on) is also muted.

Right/left turn/hazard signal status is ignored; the RCP status always requests the chime when needed.

Blind Spot Assist Off

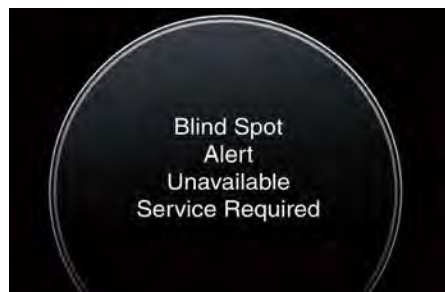
When this function is turned off from the MIA, there will be no visual or audible alerts from either the BSA or RCP subsystems.

NOTE:

The BSA system will store the current operating mode when the vehicle is shut off. Each time the vehicle is started, the previously-stored mode will be recalled and used.

System in Faulty

The BSA system cannot properly operate due to a fault of its components, or because the area on the rear bumper fascia where the radar sensors are located is dirty. In these cases the related message will be displayed on the instrument cluster.



In these cases avoid using the system and have the vehicle inspected at the **Service Network**.

Radar Device - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website **www.maserati.com**.

Drowsy Driver Detection - DDD

System Intervention

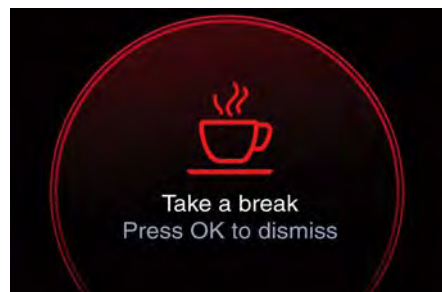
Using information from the front camera and the steering wheel, the system implements the following operating logic:

It takes the driving style into account, observing the road and detecting to what extent the driver can continue driving with few oscillations and few lane marking crossing events. For non-GSR versions, the system works when the vehicle speed is above 70 km/h (43.5 mph) and below 160 km/h (100 mph).

For GSR versions, the system is always active at every key-on but can be temporarily deactivated via a special menu on MIA and works when the vehicle speed is above 65 km/h (40 mph) and below 160 km/h (100 mph).

NOTE:

If the driving style indicates that the driver is unable to follow the road trajectory and respect the horizontal lane markings, the red symbol  with a cup will appear on the instrument cluster display to suggest that the driver should stop for a break. An auditory signal is also emitted.



- If the driver accepts the suggestion provided by the system by pressing the OK button on the left steering wheel spoke and stopping for a pause, the message will disappear from the display and the symbol  will be displayed in the dedicated area of the instrument cluster display up to the next electric motors shutdown/restart.
- If the driver ignores the warning provided by the system and does not stop, the message will continue to remain on the display.



NOTE:

- In the event of a system fault, the amber symbol appears on the instrument panel display together with a dedicated message.



WARNING!

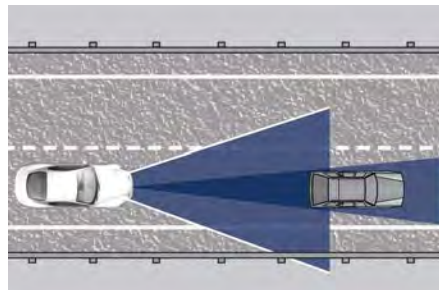
The DDD system is an aid for driving and does not relieve the driver of responsibility for driving the car. If you experience fatigue while driving, pull over safely for a break without waiting for the DDD to intervene. Only get back on the road when you are in the right physical and mental condition to prevent endangering yourself and other road users.

Active Driving Assist – ADA



The Active Driving Assist (ADA) is a level 2 autonomy system (in reference to SAE standards) that is designed to aid the driver in the steering, acceleration, and braking functions of the vehicle.

ADA can work in any type of road. However, its use it is not recommended in urban scenarios. ADA centres the vehicle by controlling the EPS system based on of lane line information from the forward-facing camera and data from the front radar sensor.



ADA combines ACC and lateral control to manage the steering and speed of the vehicle under specific conditions. The conditions to engage ADA are listed in the next paragraph. If a lane line cross is imminent, the steering wheel will vibrate (if enabled on the MIA screen) and a

graphic will display on the instrument cluster.



WARNING!

- In case the vehicle approaches a curve that is too tight the driver must be prepared to take over control of the vehicle immediately at any time. To avoid this situation it is important that the vehicle speed is not set higher than the current speed limit of the road.
- Active Driving Assist (ADA) is a hands-on function! You must keep your hands on the steering wheel at all times. The ADA system will disengage and ACC will cancel if your hands are removed from the steering wheels for a set amount of time.
- ADA is intended for use only on highways or limited access freeways, freeways, etc. with a fully attentive driver. When using ADA, hold the steering wheel and be aware of surrounding traffic, traffic roundabout, road conditions and different scenarios where the system could not be effective. Always be prepared to immediately take over control of the vehicle from the ADA system. Failure to follow these instructions could result in serious injury or death.



- **The following list does not fully represent all situations in which ADA may not function as intended. Do NOT solely rely on the ADA system to control the vehicle. It is the driver's responsibility to stay alert and safely control the vehicle at all times.**
- **If the windshield is replaced, you must have the forward-facing camera remounted and aligned by a centre of the Service Network.**

Many factors can impact the performance of ADA causing the system to be unable to function as intended. These include (but are not limited to):

- Narrow, winding or curvy roads.
- Poor visibility (due to heavy rain, snow, fog, etc.).
- Bright light (oncoming headlights or direct sunlight) or shadows.
- Damage or obstruction caused by mud, ice, snow, etc.
- A damaged or misaligned bumper.
- Interference from other equipment that generates electromagnetic waves.
- Wet roads, roads covered or partially covered by snow.
- Construction zones.

System Operation

With ACC set (see “Adaptive Cruise Control – ACC” in this section), ADA system activates by simply pressing the "pulse activation" button on the

steering wheel. Once the conditions are met, ADA will engage. The system will engage even pressing ADA button and then set ACC.



WARNING!

The Active Driving Assist (ADA) system may take up to 5 seconds to engage once all conditions are met.

The conditions for ADA to engage are as follows:

- ADA must be turned on or enabled.
- ACC must be engaged.
- Left and right visible lane lines.
- Vehicle speed must be between 0 and 150 km/h (0 to 93 mph).
- No faults in the forward facing camera, radar, EPS, or MIA.
- Lane width between 2.7 and 4.2 m (2.95 to 4.6 yds).
- Turn signal not activated.
- No faults related to this system.

Speed Range of Use

Speed	km/h (mph)
Minimum	0
Engaged/activated (with ACC engaged)	0
Engaged/activated (with ACC not engaged)	30 (20)
Maximum	150 (93)

- If set above the maximum speed, ADA will not function after the vehicle speed will reach the maximum speed.
- If set below the maximum speed and the ACC target speed is increased, ADA will function up to the maximum speed and then the system will turn off automatically.
- When the ACC target speed is reduce and speed is lower than the maximum speed, the system will start automatically.
- If the ACC target speed is set under the maximum speed, ADA is active and vehicle speed increases above the maximum speed due to slope, ADA will continue to function.

Monitoring on Cluster Display

ADA and the other ADAS systems conditions can be monitored on display by accessing the “Driver Assist” page with the buttons on the steering wheel

(see “Instrument Cluster Settings and Menu Overview” in section “Dashboard Instruments and Controls”).

The  symbol in grey indicates that the ADA system is active, but not engaged and is shown at the centre of the display when the “Driver Assist” page is displayed.

When exiting the “Driver Assist” page, the ADA information is displayed in the right digital dial (ADAS area).



In addition to these symbols, on the left and right edge a coloured glow may appear (further referred to as “attention level colour”). Attention level colour together with the outline of the symbol  represent a further indication of the system status.

When exiting the “Driver Assist” page, the attention level colour will always be displayed until the system is disabled

by pressing the button on the steering wheel.

The ADA system uses sensors in the steering wheel outer crown to detect if the driver’s hands are on the steering wheel. If the driver’s hands are not detected on the steering wheel, the instrument cluster or the Head Up Display if activated, will display a series of warnings to alert the driver to return their hands to the steering wheel. There will also be audible chimes. After a set amount of time, ADA will cancel if the driver’s hands are not returned to the steering wheel.

When the system does not sense the hands on the steering wheel after 1 second or more (up to 29 seconds + 6 seconds of chime after deactivation), it tries to draw the attention of the driver by showing, even when the display is not in the “Driver Assist” page, the  symbol with the figure of the hands in the centre of the display and on the HUD, if activated. According to such time frames, the system will change the attention level colour, silence the audio in the vehicle (if it is active) and emit audible chimes to notify the driver to take the control of the vehicle again. This is the only way to reengage the system.

Hands Detection on Steering Wheel

The steering wheel is able to detect the presence of the hands on it.

In order to be able to use the ADA system, place your hands around the steering wheel outer crown.

NOTE:

The sensors are not able to detect the presence of the hands on the steering wheel areas covered in wood, plastic bezels or carbon inserts (where present).

ADA is deactivated if the steering wheel is no longer being touched.

System Statuses

The active status of the ADA system is indicated by the green attention level colour which is maintained even if the driver releases his/her grip from the steering wheel for more than 3 seconds. The graphic information changes as soon as (max 1 second) the driver releases the steering wheel:

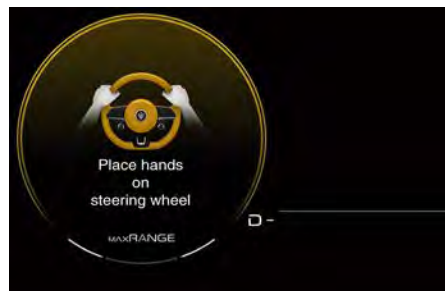
- glow colour: green;
- lines: green;
- car: centred;
- steering wheel: yellow small in the centre.

The yellow attention level colour appears when the driver removes his/her hands from the steering wheel for 8 seconds and the  symbol with the figure of



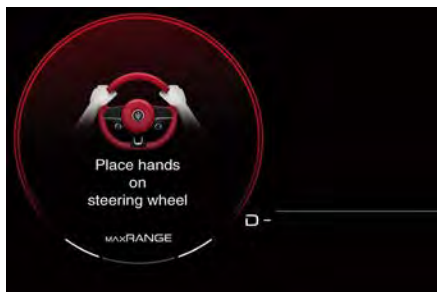
Driving and Driver Assistance Systems

the hands will occupy the pop-up area of the instrument cluster for 8 seconds or the HUD, if activated.



The red attention level colour appears when the driver releases his/her grip from the steering wheel for 16 seconds: in this case a single audible chime is repeated until he/she will take the control of the vehicle again.

The red attention level colour and the chime remains even when the steering wheel is released for more than 16 seconds.



If the driver keeps his/her hands away from the steering wheel (for more than 29 seconds), also the ACC system is deactivated ( white ACC symbol on the display) and will have to be reset. In these cases the display will not show the attention level colour anymore and the vehicle will be controlled by the driver only.

System Disengage

To disengage ADA you can do any of the following actions:

- Press the  ADA enable button on the steering wheel.
- Begin steering manually.
- Press brake pedal.
- Turn off ACC.
- Unbuckle the driver's seat belt.
- Shift out of the (D) Drive mode.
- Enter an Autonomous Emergency Braking (AEB) event (See chapter

"Forward Collision Warning - FCW" in this section).

- Turn signal activated.
- ACC cancellation.

System Cancellation

The ADA system will cancel (without driver intervention) if either of the following actions occur:

- When removing the hands from the steering wheel.
- Lane line markers are not detected by the forward facing camera.
- The lane intersection or roundabout (traffic circle).
- Any ADAS system faults.
- Vehicle speed exceeds the maximum limit.
- When "CORSA" drive mode is set.

NOTE:

When ADA cancels, the  symbol will turn grey.

System Limitations

ADA is unable to guide the vehicle when the following conditions occur.

- Lane markings are not clear or visibility is poor (i.e. heavy rain, snow, fog, etc.).
- Obstructed, covered or damaged forward-facing camera or sensor.
- When driving on hills or sharp curves.
- When approaching toll booths.
- When the highway entrance or exit is wider than 4.2 meters (13.8 ft).

- Bright light (ex. direct sunlight or glare) facing the forward camera.



WARNING!

Many unforeseen conditions can occur that can affect the performance of Active Driving Assist (ADA). Always keep this in mind and drive attentively. Be prepared to take over control of the vehicle immediately at any time.

System in Faulty

The ADA system cannot properly operate due to a fault of its components, or because the components themselves or their detection area is obstructed. In these cases the amber warning light and the related message will be displayed on the instrument cluster. In this condition avoid using the system and have the vehicle inspected at the Service Network.

Radar Device - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

Traffic Sign Assist – TSA



TSA detects traffic signs through the use of a forward-facing digital camera mounted on windshield, behind the rear-view mirror and assists the driver by displaying detected speed limits and overtaking restrictions in the instrument cluster. The camera also detects traffic signs with a restriction indicated by an additional sign (e.g. in snow conditions). TSA also uses data of navigation system to retrieve the speed limits when the camera is not able to detect the road where the car is travelling.

Some examples of these are: due to low visibility, light reflection, damaged traffic signs, traffic signs in wrong position like rotated or fallen poles.

NOTE:

- Overtaking restriction sign will be displayed only in markets where this is allowed.
- For non-GSR versions, TSA provides a visual warning + chime to the driver when he/she reaches the speed limit plus the set "Sensitivity" value (+0, +5, +10) depending on the signal tolerance of the indicated speed.

For GSR versions, TSA is always active at every key-on and provides a visual

warning + chime to the driver when he/she reaches the speed limit.

- The performance of TSA does not depend on the update degree of navigation system's maps.
- For non-GSR versions, no visual information are shown on cluster when in CORSA mode.

For GSR versions, TSA can be muted / unmuted by pressing the appropriate shortcut displayed on the MIA display.



Customised Settings

TSA is configurable by the customer regarding the display mode on the MIA screen and the warning sensitivity. Entering "Vehicle" page on MIA display and select the "Traffic Sign Assist" soft-key of the "Settings" menu to enter the setting page.



Driving and Driver Assistance Systems

The check mark on the "Warning Mode" box can be set in "Off", "Visual" and "Visual + Chime".

The display of the traffic signs can be blinking or static.

Signs Monitoring on Instrument Cluster

If TSA function is set and a sign or a speed limit is detected, the related icons are displayed in the upper area of the instrument cluster beside the digital speedometer or they can be visualized even on the Head Up Display, if activated.

The display area is divided in two different sectors:

1 No Overtaking + Conditional Unverified Speed Limit area

2 Unconditioned Speed Limit or Conditional Verified Speed Limit or arrows up/down



NOTE:

Overtaking restriction sign will be displayed only in markets where this is allowed.

For non-GSR versions, if "Visual or Visual + Chime" warning mode is set, when the visual warning is provided all icons (in sector **2**) will start blinking when the vehicle speed exceeds the speed limit in area **2** plus the set sensitivity value (" +0 km/h" - " +0 mph" or " +5 km/h" - " +5 mph" or " +10 km/h" - " +10 mph" options).

For GSR versions, if "Visual or Visual + Chime" warning mode is set, when the visual warning is provided all icons (in sector **2**) will start blinking when the vehicle speed exceeds the speed limit in area **2**.

If the vehicle speed stays under the speed limit the speed limit sign will stop blinking. If the TSA is not able to determine any kind of valid speed limit neither from camera nor from digital maps, the icons will be greyed out. Since TSA also uses the data provided by the navigation system, it can update the sector **2** of the display in the following situations without detecting traffic signs:

- When the vehicle changes road.
- Highway enter/exit.

- Urban area stored in the digital map enter/exit.
- No data from the camera.
- Country change.

System Limitations

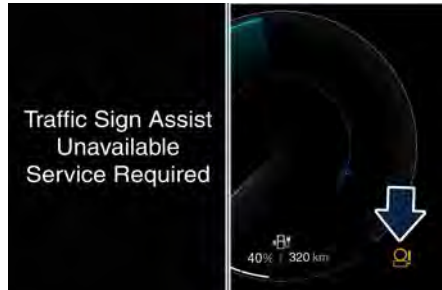
TSA may be impaired or may not function in the following situations:

- If there is poor visibility, e.g. due to insufficient illumination of the road, if there are highly variable shade conditions or in rain, snow or fog.
- If there is glare, e.g. from oncoming traffic, direct sunlight or reflections from other vehicles.
- If the windshield in the area of the camera is dirty, or if the camera is fogged up, damaged or covered.
- If the traffic signs are hard to detect, e.g. due to dirt or snow, or because they are covered or because of insufficient lighting.
- If the information in the navigation system's digital map is incorrect or out-of-date or changing country.
- If the signs are ambiguous, e.g. traffic signs on construction sites or in adjacent lanes.
- When passing buses or trucks with a speed sticker.

System in Faulty

When the TSA cannot properly operate due to a fault of its components or because the windshield in front of the

forward facing camera is dirty, the amber light and/or the corresponding message will be displayed.



If message suggestion does not allow fixing the fault, avoid using the system and have the vehicle inspected at the **Service Network**.

Charging



WARNING!

In order to reduce the risk of electric shock or damage to the device, special care should be taken when cleaning: ALWAYS unplug devices from the power supply socket and vehicle ports.

Before charging the high voltage battery, it is recommended to turn the ignition device to **STOP** position in order to obtain a charge until full in the shortest period possible.



CAUTION!

The brake calliper lock is activated during the charging procedure: unlocking will be carried out automatically at the end of the charging procedure.



CAUTION!

- Do not perform charging in case of high voltage battery temperature lower or equal than -30°C (-22°F) (see chapter "Functions of Performance Menu on MIA" in section "Dashboard Instruments and Controls"). The vehicle will not charge and warning light with dedicated pop up will be set. The warning light can be deactivated

setting vehicle in sleep (Key-OFF for 3 minutes). Typically this happens when external ambient temperature below -30°C (-22°F) after significant vehicle parking time (over 6 hours).

- Do not leave the vehicle or the charging cable in areas where the external temperature is below -40°C (-40°F) as they may be damaged.
- In cold temperatures, the charging cable may become stiff. Therefore, be careful not to apply excessive force to the charging cable as it may be damaged.
- Do not use personal generators to charge the high voltage battery. This may cause fluctuations in charging and the voltage may be insufficient, resulting in damage to the vehicle system.
- Charging the high voltage battery using incorrect or damaged sockets, or charging cables and not following the prescribed charging procedures may cause short circuits, fire and potential risk of damage to the electrical system of the vehicle.
- Avoid leaving the high voltage battery for several days with the charge indicator at or near zero. The high voltage battery may be damaged.



- You do not need to wait until the high voltage battery level is low to recharge. The performance of the high voltage battery is optimal when it is charged regularly.
- Charging the high voltage battery may take longer depending on the outside temperature.
- Charging the high voltage battery may take longer if the temperature of the high voltage battery is high or low.
- During charging, especially with fast charging, high voltage battery cooling components may be voltage activated. Therefore, it is normal to hear noises during this operation.
- Avoid charging the vehicle with an indoor or outdoor car cover. The high voltage system may overheat.

Charging Door on the Vehicle

To access the charging door on the left part of the rear bumper, under the tail lamp, push the soft-key on the bottom bar of the Comfort Display.



Next to the charging port there are some telltales and LEDs that indicate the charging status by means of three different colours and related flashing types:



- 1 Charging button:** It stops the charge if the process was oncoming; pressing it again the process restart immediately. If scheduled charge was set, pressing this button the process starts immediately.
- 2 Charging by scheduled charge**
- 3 Charge**
- 4 Light Segments:** **Blue** flashing one by one to indicate that the system is awaiting for scheduled charging to start; **Green** flashing to indicate that charge is ongoing; LEDs become solid according to the state of charge. All five LEDs become solid green at the end of the process; **Red** flashing to indicate a fault in the charge process or on the charging button.



WARNING!

If all the LEDs are off after connecting the charging connector to the charging door on the vehicle, a problem may have occurred during the process. In this case it is advisable to press charging button (1) and disconnect the charging connector and reconnect it.

NOTE:

- Use only the charging cable supplied with your car. The Maserati Service Network can provide you with any information about the Maserati approved "Charging Cable", available in the "Genuine Accessories" range.
- Refer to the label on the control unit, which indicates the "Country Group" (A) and the electrical current intensity (Ampere) (B) (example in figure).



NOTE:

If the 12 V Battery is flat, the 800 V traction battery can not be charged; jump start with remote pole must be performed (see "Auxiliary Jump-Start Procedure" chapter in section "In an Emergency").

Symbol Labels

All symbols reported inside the charging port door, are summarized in the following list. These symbols must be checked and observed when charging the high-voltage battery.



Indicates a risk of electric shock.



Indicates a general dangerous situation.



Indicates to refer to the descriptions and figures in this manual.



Indicates that a charging timer has been set.



Indicates that the charging procedure is in progress.



Indicates that the charging procedure is complete.



Indicates that there is a fault in the charging procedure.



Indicates to refer to the descriptions and figures in this manual.



Indicates to not use extension cables and/or adapters to carry out the charging procedure.



Indicates that water should not come into contact with the charging port on the vehicle.

The following plate reminds to refer to this manual for charging from public AC stations and the correct order of connection of the charging cable:



- 1 first connect the charging cable to the public AC station;
- 2 disconnect the cable from the charging port of the vehicle.



Emergency Charging Door Release

If you are unable to unlock the charging door with the soft-key on the Comfort Display, a pop-up will inform you to unlock it manually. Use the door emergency release located on the bottom left of the rear bumper

- Unscrew and remove the indicated flap



- Pull the release cable moderately to avoid its possible break. It's not possible to feel or hear the unlocking of the charging door actuator.



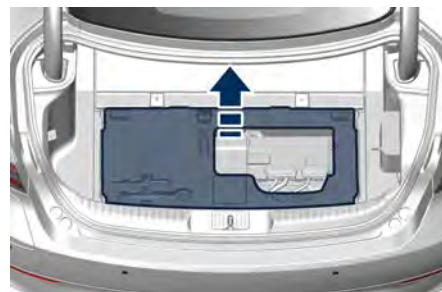
- Then open normally the charging door.

Charge Cable Emergency Unlock

If the charging cable does not unlock at the end of the charging procedure, a pop-up will inform you to unlock it manually.

If, after closing and opening the doors by pressing the relevant buttons  /  located on the key fob and after having pressed the button near the charging port, it is still not possible to remove the charge cable from the socket on the vehicle, it is possible to act manually by operating a special emergency unlocking device located on the left side of the boot compartment and performing the operations described below:

- inside the boot compartment, lift the boot ground coverage acting on the handle (see "Tool Kit" chapter in section "In an Emergency");
- remove the tool kit container;



- pull the release cord to manually unlock the actuator of the charging port;



- disconnect the charging cable;
- check that the release cord is correctly repositioned inside its container, then reinsert the tool kit container and the boot ground coverage.

NOTE:

To restore correct operation of the system, contact the Service Network.

Type of charging point label (EN 17186)

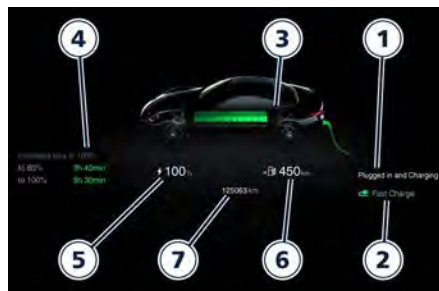
The label inside the charge door door indicates the type of charge socket on the vehicle with a symbol: a letter inside a hexagon. The label makes sure you have selected the right charging option for your vehicle. You must therefore check that the letter on the label on your vehicle corresponds to the letter on the label on the charging point, based on the colour scheme indicated below.

Colour scheme:

- For the vehicle connector and socket, a white/silver letter with black internal background and a white/silver outline.
- For the charging station plug and socket, a black letter with white/silver internal background and a black outline.

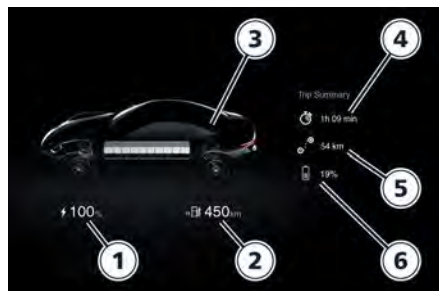
Key-ON / Key-OFF Visualization

At every key-ON of the vehicle, an animated transition on the instrument cluster shows the charging level and the range of the battery. When plugged, other information are displayed on the screen.



- 1 State of Charge
- 2 Charge type
- 3 Charge level gauge
- 4 Estimated time to charge
- 5 Battery Percentage
- 6 Range to empty
- 7 Odometer

In the same way, at every key-OFF of the vehicle, charging level and the range of the battery are shown. When unplugged, other information are displayed on the instrument cluster.



1. Battery Percentage
2. Range to empty
3. Charge Level gauge
4. Trip summary information:
5. Distance
6. Percentage of battery used



Power Sources



WARNING!

- The safety and suitability of the domestic system for charging through the domestic mains are fundamental and are under the Customer's responsibility.
- Do not connect the charging cable connector if there is dust and/or water on the charging port. Making the connection in the presence of water or dust on the connector cable and the plug may cause a fire or electric shock. Use of worn-out electrical sockets may result in fire and injury.
- If you use electrical medical devices (e.g., cardiac pacemakers), make sure in advance that charging the high voltage battery does not affect the operation of these devices. In some cases, electromagnetic waves generated by the charger may affect the operation of such medical devices.
- Stop the charge immediately if you notice any abnormal symptoms (e.g. smell, smoke, etc.).
- Replace the charging cable if the cable jacket is damaged to prevent risk of electrocution.

- When connecting or removing the charging cable, be sure to grasp the handle of the charging connector and the charging plug. If you pull the cable directly (without using the handle) the internal conductors may disconnect or damage: this may cause a shock or fire.
- The charging cable is a high voltage conductor. Contact with high voltage can cause serious personal injury or death. Similarly, do not touch the orange high voltage cables.
- It is strictly forbidden to use any plug adapter or similar devices when charging. Never use the charging cable together with an extension cable.
- Never connect the charging cable to an extension cable or multiple socket. Multiple sockets, extension cables, overvoltage protection or similar units cannot be used together with the charging cable as they may present a risk of fire, electrocution, etc.
- The Mode 2 charge cable is watertight and is guaranteed by the Manufacturer: do not use other cables not supplied by the Service Network.
- Be sure not to touch the charging connector and charging plug with wet hands.

- Do not charge when the connector and charging plug are wet.
- Do not charge in adverse weather conditions (e.g. during thunderstorms) at charging stations.
- Always keep charging connector and charging plug clean and dry. Take care to keep the charging cable away from water or moisture. Do not use chemicals or solvents.
- Be sure to use the designated charging cable to charge the vehicle. Using any other charger may cause personal injury or damage to the vehicle.
- Take care not to drop the charging connector. The charging connector could be damaged.
- Do not leave children unattended in the proximity of the charging cable when it is connected.
- Position the charging cable in such a way that it is not crushed by other vehicles, trampled on by people, or positioned in way that people in the proximity of the car may stumble, resulting in damage or personal injury.
- Disconnect the charging cable from the domestic socket or charging station or wallbox charging station before cleaning it. Do not use the charging cable if it has damaged parts.

- **Never disconnect the charging cable from the domestic power socket or public charging station during charging. Always interrupt charging, then disconnect the cable, first from the vehicle-side charging port and then from the domestic socket or public charging station.**
- **Never use a visibly worn or damaged electrical socket. It could cause fire or serious damage.**
- **The high voltage battery should only be charged with the maximum allowable current or other lower current specified in local and national recommendations for charging high voltage batteries.**
- **The device is to be used exclusively for charging the vehicle.**
- **Never attempt to make a repair and/or perform maintenance on the charge cables, this may result in serious personal injury or even death. Always contact the Service Network.**

General Information

The high voltage battery of the vehicle can be charged using special charging cables:

- the connection of the charging port located on the left side of the rear bumper of the vehicle to the charging ports in public charging stations;

or

- to the domestic socket.

The charging procedure control and monitoring takes place in a fully automatic way.

NOTE:

The vehicle is able to automatically recognise the maximum allowable current intensity depending on the type of domestic socket/public charging stations used and the regulations in force in the country in which you are located (e.g. overloads). Reduce the maximum charging current required by using the "Electric Vehicle" menu on the MIA scree (for more information, refer to the "Functions of Electric Vehicle Menu on MIA" chapter in "Dashboard Instruments and Controls" section).

Before charging in your own home, or elsewhere, check the allowable current intensity by contacting a specialized technician: it is advisable to contact the Service Network. In case of problems (e.g. current overloads) reduce the charge level.

Types of Charging Cables

Three different types of cables can be used for charging:

- **Mode 2 charge cable (A)** : allows charging from an earthed domestic power socket. This type of socket

is used for charging with alternating current. The "Mode 2" charging cable complies with IEC 61851, IEC 62752 and SAE J1772 standards.

- **Mode 3 charge cable (B)** : allows charging from a public charging station and a wallbox charging station marked as AC stations (alternating current). The charging speed may be faster than charging through a domestic power socket.
- **Mode 4 - Fast Charge (C) charging cable:** this allows charging from public charging sockets marked as DC (direct current).

NOTE:

Mode 4 charging cables are not provided by Maserati. They are part of the DC public charging stations.





B



C



NOTE:

Use only the charging cable supplied with your vehicle. The Maserati Service Network can provide you with any information about the Maserati approved "Charging Cable", available in the "Genuine Accessories" range.

How to Use the Charging Cables

- Treat the charging cable with care: avoid folding and/or bending it on sharp surfaces.

- After using the charging cable, replace the protective covers (if present) on both sides of the cable correctly.
- Avoid prolonged exposure of the charging cable to sunlight.
- Avoid dropping the charging cable from above: violent shocks could damage the cable.
- Do not immerse the charging cables in liquids.

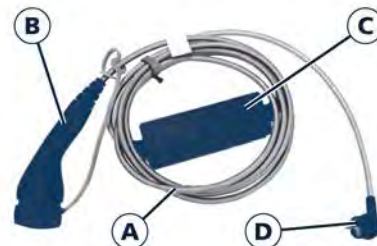
"MODE 2" Charge Cable (230V)

The vehicle is can be equipped with a "Mode 2" 230 Volt AC charging cable (A) located in the boot compartment. The cable consists of:

- specific charging connector (B) for connection to the vehicle;
- a state of charge control unit (C) equipped with LEDs, able to provide indications on any anomalies present during the charging phase;
- a connection plug (D) to connect to the domestic power socket.

NOTE:

After use, remember to correctly replace the protective cover (where provided) on the specific charging connector (B) to prevent moisture and/or dust from getting inside.





Variants Table for "MODE 2" charging cable

The following table shows the list of the specific cable types and the amperages allowed for each country where the vehicle is sold. This amperage is the limit allowed when the charging power is set to the highest level.

Country Group	Electric vehicle charging connector type	Electric current intensity (Ampere)	Type of domestic power socket (**)	Cable length (m)
1 (*)	Type 2	13	CEE 7/7	6
2 (*)		10	G	
3 (*)		8	CEE 7/7	
4 (*)		8	J	
5 (*)		6	K	
6 (*)		10	CEE 7/7	
7		10	CEE 7/7	5
8		16	CEE 16/3	
9		14	CEE 16/3	
10	Type 1	10	CEE 16/3	
11		15	JIS C8303 20A (JWDS 0033)	7,5
12	Type 2	8	TYPE I AUZ / NZ	5
13		8	L	
14		10	M	
15		10	TYPE O TIS 166-2549	



Country Group	Electric vehicle charging connector type	Electric current intensity (Ampere)	Type of domestic power socket (**)	Cable lenght (m)
(*) The Country Group is indicated by the message "COUNTRY GROUP" on the label located on the rear of the control unit. (**) Refer to the following pages for the type of power socket/plug.				

NOTE:
To check the maximum electric current (Ampere) that can be consumed, refer to the label located on the back of the control unit.

Country Group Table for "MODE 2" charging cable

The following table shows the list of countries contained in each "Country Group" associated with the "Mode 2" cable. Refer to the images on the following page for more details.

Country Group	Country
1	Andorra, Austria, Belgium, Bulgaria, Czech Republic, Estonia, Georgia, Germany, Greece, Hungary, Italy, Jordan, Latvia, Lithuania, Luxembourg, Morocco, Netherlands, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Turkey, Ukraine, Vietnam
2	Cyprus, Hong Kong, Lebanon, Malaysia, UK
3	France, Monaco
4	Switzerland
5	Denmark
6	Norway
7	Indonesia, Uruguay
8	India, Philippines, Singapore
9	Israel
10	Japan
11	Costa Rica, Dominican Republic, Guatemala, Mexico, Panama, Taiwan
12	Australia, New Zealand
13	Chile



Country Group	Country	
14	South Africa	
15	Thailand	
TO BE ALLOCATED: Azerbaijan, Colombia, Cambodia and Ecuador.		
 CEE 7/7  G		 J  K
 JIS C8303 20A (JWDS 0033)  CEE 16/3		 B  TYPE I AUZ/NZ



Charge Status Control Unit



WARNING!

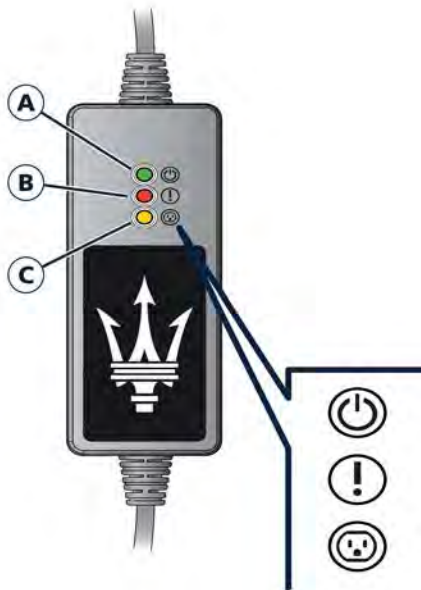
- **The device is to be used exclusively for charging the vehicle.**
- **Never attempt to make a repair and/or perform maintenance on the charge cables, this may result in serious personal injury or even death. Contact the Service Network as soon as possible.**

There are three LEDs on the front of the charge status control unit:

- **GREEN LED on (A)** : indicates correct operation in the domestic power distribution system: it is therefore possible to proceed with the high voltage battery charging.
- **RED LED on (B)** : indicates a fault in the charging system.
- **YELLOW LED on (C)** : indicates a possible failure in the domestic power distribution system.

NOTE:

Never carry out any repair work on your own: always contact the Service Network.



For the type of failure, refer to the description under "Charging system failure" on the following pages. On the back of the charge status control unit there is a summary label, which shows some symbols. The main ones are listed below:



Indicates a risk of electric shock.



Indicates a general dangerous situation.

This symbol shows the minimum operating temperature of the charge status control unit in accordance with IEC 61851 and IEC 62752 certification. NOTE Maserati guarantees that the device has been tested for use from -40°C to $+50^{\circ}\text{C}$. If the device is not used and must be stored, the temperature must be between -40°C and $+80^{\circ}\text{C}$. Exceeding these temperature values may damage the device.



The presence of this symbol on the label indicates that the specific "Mode 2" charge cable cannot be used for domestic power distribution networks where the earthing cable is not present. For specific markets, without the grounding cable, check for "COUNTRY GROUP" on the label of the charging cable.





The presence of this symbol on the label indicates that the charge status control unit does not have the function of disconnecting the earthing cable.



The symbol indicates that the charging unit should not be placed in the waste if it no longer works: for disposal refer to the environmental regulations in force in the country in which it circulates.



The symbol prompts you to read the instructions in this publication carefully before using the charging cable.



(example image)



France market only



Charging System Failure

Any faults during charging are displayed by the LEDs, either steady or flashing, located on the front of the charge status control unit. Refer to the table below:

Green LED	Red LED	Yellow LED	Description	Action / Consequence
OFF	OFF	OFF	Charging cable not connected to the domestic charging port or power failure in the domestic power supply mains.	
ON	OFF	OFF	There are no faults in the domestic power distribution system, so the charging cable can be connected to the charging port on the vehicle.	
ON	ON (Flashing)	ON	Overheating at the charging port of the domestic mains power supply.	When the normal temperature is reached, the system will make a new charge attempt at a lower current level.
ON	OFF	ON (Flashing)	Charging to a lower current level due to overheating of the charging port of the domestic electricity distribution mains (see point 3).	



Green LED	Red LED	Yellow LED	Description	Action / Consequence
ON	ON	ON (Flashing)	Overheating at the charging port of the domestic mains power supply.	Overheating during charging at a lower current level (see point 4) Proceed as follows: • disconnect the charge cable from the vehicle and from the domestic power socket with care (the domestic power plug may be hot); • please wait for the domestic power plug and socket to reach a normal temperature; • reconnect the cable to the domestic power socket and to the vehicle's charge socket, then try to charge again. In case of a new anomaly, contact a certified electrician.
ON	ON (2 blinks)	ON (2 blinks)	Lack of earthing cable in the charging port of the domestic mains power supply.	The system will make a new charge attempt after 30 seconds (6 attempts in total).
ON	ON	ON (2 blinks)	Lack of earthing cable in the charging port of the domestic mains power supply.	New charge attempt (see point 6) failed. Disconnect the charge cable from the car and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a certified electrician.



Green LED	Red LED	Yellow LED	Description	Action / Consequence
ON (Flashing)	OFF	OFF	Domestic mains power incorrectly supplied.	The system will make a new charge attempt after 30 seconds (6 attempts in total). If the fault persists, disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a certified electrician.
ON	ON	OFF	Dispersion of electricity on the vehicle.	Disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact the Service Network .
ON	ON (Flashing)	OFF	Electric charging current too high.	The system will make a new charge attempt after 30 seconds (6 attempts in total).
ON	ON (7 blinks)	OFF	Electric charging current too high.	New charge attempt (see point 10) failed. Disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact the Service Network .



Green LED	Red LED	Yellow LED	Description	Action / Consequence
ON	ON (2 blinks)	OFF	Charge anomaly on the vehicle.	The system will make a new charge attempt after 30 seconds (6 attempts in total). If the fault persists, disconnect the charging cable from the vehicle and the home power port and reconnect it, then try charging again. In case of a new anomaly, contact the Service Network .
ON	ON (3 blinks)	OFF	Charging cable failure.	
ON	ON (4 blinks)	OFF		
ON	ON (5 blinks)	OFF		
ON	ON (6 blinks)	OFF		
ON = LED on OFF = LED off BLINK = 0.5 seconds ON / 0.5 seconds OFF / 3 seconds pause FLASHING = 0.5 seconds ON / 0.5 seconds OFF				



Charging System / Maintenance / Cleaning

The device is maintenance-free. If you need to clean the device, use a soft cloth slightly dampened with a mild detergent solution, then wipe dry with a dry cloth. Do not use abrasive products or flammable substances (e.g. alcohol, petrol or their derivatives). Do not wash the device with water, hazard of fire or electric shock with the risk of serious injury or death.



WARNING!

Only clean the device when it is DISCONNECTED from both the domestic charging port and the charging port located on the vehicle.

FCC (Federal Communications Commission) Specifications

The state of charge Control Unit complies with Section 15 of the FCC Regulation. The use of the device meets the following two requirements:

- 1 This device does not cause harmful interference.
- 2 Correct operation of the device may be affected by interference from nearby electrical/electronic devices.

This device is designed to withstand radio frequency interference, however,

some factors (e.g., high intensity radio signals or radio transmitters in the proximity of the device) may cause it to malfunction. If you find an anomaly in the operation of the device, contact the **Service Network**.

NOTE:

Modifications and/or repairs made incorrectly and NOT carried out by the Service Network will invalidate the Warranty and the above requirements.

Radio Frequency RKE Transmitter - Regulatory Information

The "Regulatory Information" for all the radio frequency and radar devices can be consulted by accessing the section "Services" on the website www.maserati.com.

"MODE 3" Charge Cable

The vehicle can be equipped with a "Mode 3" charging cable. The "Mode 3" charging cable: complies with EN 61851- 1, EN 62196- 1 and EN 62196- 2 standards; can be used for a minimum temperature of -40°C (-40° F) up to a maximum temperature of 50°C (122 °F). This type of cable allows you to connect to public alternating current (AC) charging stations. The charging speed may be faster than charging through a domestic power socket. Using

this type of cable it is possible to charge the vehicle with a current of up to 16A.

NOTE:

After use, remember to replace the protective covers on both sides of the charging cable correctly to prevent moisture and/or dust from entering the cable charging port connections.



"MODE 4" Charging Cable - Fast Charge

This can be used to charge from DC (direct current) public charging sockets. The charging cable is connected to the charging station. The charging procedure can be faster than with AC charging stations.



For Japan market only, an adapter (CHAdemo) provided in the tool bag, which contains some warnings, may be needed when connecting to a DC station.

This adapter is exclusive to the Maserati GranTurismo Folgore.



There is a label on the adapter, which contains some warnings.



Maserati Public Charge Network



The user can download the "Maserati Public Charge" App (with a specific card where provided) to find the affiliated charging stations where special offers have been set.

Start / Stop charging and service payment can be also performed from the App.

NOTE:

For any Service Network problem, please contact the call centre 00800 62737284.

Alternating Current (AC) Charging at Home



WARNING!

- The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed using the MIA screen (see "Function of Electric Vehicle Menu on MIA" in section "Dashboard Instrument and Controls"). The default charge level set is "Level 3". For countries in which the 13A "Mode 2" charge cable can be used, if the domestic power socket IS NOT CERTIFIED, it is recommended to set "Level 4" charge to the maximum, which corresponds to approx. 10A. For the list of country-specific cable types refer to what is indicated in the "Mode 2 Cable Variant Table".
- The set level applies indifferently to both AC home charging (Mode 2) and charging from an AC public charging station (Mode 3). It is therefore always advisable to check that the level is set as desired for the actual charging type that is about to be carried out.
- Incorrect setting of the charge current intensity can overload or overheat the mains power supply of the domestic power socket. Fire hazard. Before



charging from other domestic sockets, adjust the charge current intensity to the mains. If you do not know the mains, set to the lowest level. **Never use extension cords for charging.**

- **Incorrect connection between connector and charging terminals constitutes a fire hazard!**
- **During normal operation, the domestic power socket can overheat. In the case of extreme overheating, the charge is interrupted and the warning LED on the front of the cable control unit will turn on. Refer to the table in the "Charging System Failure" chapter in "Power Sources" in this section.**
- **The "Mode 2" charge cable must be connected to a dedicated circuit that is not shared with other devices that absorb electrical energy.**
- **Do not insert fingers or objects in the cable charging connector.**
- **The high voltage battery must only be charged through approved, earthed domestic sockets or at a public charging station using the supplied Mode 3 charge cable.**
- **Keep the charging flap closed when the charging port is not in use.**



CAUTION!

- Do not perform charging in case of high voltage battery temperature lower or equal than -30°C (-22°F) (see chapter "Functions of Performance Menu on MIA" in section "Dashboard Instruments and Controls"). The vehicle will not charge and warning light with dedicated pop up will be set. The warning light can be deactivated setting vehicle in sleep (Key-OFF for 3 minutes). Typically this happens when external ambient temperature below -30°C (-22°F) after significant vehicle parking time (over 6 hours).
- Do not leave the vehicle or the charging cable in areas where the external temperature is below -40°C (-40°F) as they may be damaged.
- In cold temperatures, the charging cable may become stiff. Therefore, be careful not to apply excessive force to the charging cable as it may be damaged.
- Do not use personal generators to charge the high voltage battery. This may cause fluctuations in charging and the voltage may be insufficient, resulting in damage to the vehicle system.

- Charging the high voltage battery using incorrect or damaged sockets, or charging cables and not following the prescribed charging procedures may cause short circuits, fire and potential risk of damage to the electrical system of the vehicle.
- Avoid leaving the battery for several days with the charge indicator at or near zero. The high voltage battery may be damaged.
- You do not need to wait until the battery level is low to recharge. The performance of the battery is optimal when it is charged regularly.
- Charging the high voltage battery may take longer depending on the outside temperature.
- Charging the high voltage battery may take longer if the temperature of the high voltage battery is high or low.
- During charging, especially with fast charging, battery cooling components may be activated. Therefore, it is normal to hear noises during this operation.

Charging Procedure

Always connect the cable to the charging port of the domestic mains first and only then to the vehicle.

The vehicle high voltage battery is charged by connecting the Mode 2 charge cable to an AC charging port.

For the characteristics of the "Mode 2" cable, refer to the chapter "Power Sources" in this section. To charge, proceed as follows:

- park the vehicle safely (transmission in "P" (Park) mode);
- turn the ignition device in **STOP** position;
- engage the electric parking brake;
- take the charging kit located in the boot compartment;
- remove any dust that may have accumulated on the charging connector and charging port;
- unroll the charging cable and connect it to an AC charging port.



NOTE:

From the moment the plug is connected to the domestic mains charging port, the 3 LEDs on the control unit of the cable will flash for approx. 6 seconds (control unit switching on phase).

- open the charge door by pressing the soft-key on the Comfort Display (see chapter "Charging" in this section);
- grasp the charging connector by the handle, remove the protective cover and insert it into the charging port until you hear the click indicating that it has been locked;



- if no scheduled charging has been set (refer to "Functions of Electric Vehicle Menu on MIA" in section "Dashboard

Instruments and Controls"), charging starts automatically;

- check by turning on the LEDs on the cable control unit that there are no faults in the charging system (for more information see chapter "Power Sources" in this section). If there are no anomalies, the green LEDs located next to the charging port will light up momentarily. In case of anomalies, refer to chapter "Power Sources" in this section for failures.

NOTE:

- The charging procedure is interrupted when opening the hood: a dedicated message will be shown on the instrument cluster display. The charge will be reactivated when the hood is closed correctly. The time required to charge the high voltage battery depends on several factors: for more information see chapter "Driving Conditions" in this section.
- If the passenger compartment preconditioning is activated, the battery charging time will be extended. The time required for heating/cooling the vehicle is mainly determined by the outside temperature.

NOTE:

- The maximum power consumption of the charging port depends on the type
- (Continued)



(Continued)

of contract signed by the user, the type of cable used and the charge level set on the MIA screen.

- Only use charging cables supplied with your vehicle, or a replacement cable recommended by Maserati.
- The high voltage battery must be charged in accordance with the maximum amperage rating allowed by local and national recommendations for charging electric vehicles.

End of Charging Procedure and Disconnection of the “Mode 2” Charging Cable

The charging procedure ends when all the LEDs, located next to the charging port, will light up steady green (during the charging phase, on the other hand, the LEDs will light up flashing/fixed green according to the state of charge of the battery portion indicated by the LED. The fixed green light indicates that the battery portion is fully charged).

During the charging procedure the cable is automatically locked on the charging port in the vehicle.

To complete the charging, proceed as follows:

- unlock the doors of the vehicle allowing the charging cable to unlock;

- if charging is in progress, press button on the charging port;



- disconnect the cable from the vehicle charging port by grasping the handle of the charging connector and avoiding to pull the cable directly;
- disconnect the cable from the charging port;



- replace the protective cover of the charging port;
- close the charging flap, making sure it locks properly;

- roll up the charging cable correctly, repositioning the protective cover correctly on the charging connector (where provided). When rolling up, take care not to damage the cable. Then place the cable, together with the charging kit, inside the housing located in the boot compartment.

NOTE:

Before disconnecting the charging connector, make sure that the doors are unlocked. If doors are locked, the charging connector locking system does not allow disconnection.

Maserati Wallbox Charging Station (Eco)

NOTE:

- The Maserati Wallbox charging domestic station must be installed by qualified personnel after checking the domestic electrical system. For information about the installation, contact the Maserati Service Network.
- The Maserati Wallbox is provided with its own technical documentation and charging cable "Mode 3".

The high voltage battery of your vehicle can be charged by directly connecting the charging cable of the wallbox charging station to the vehicle.

Charging with wallbox charging station allows to reach, from a domestic user, a higher charge power than the charge achieved using a domestic socket: the charging time, as a consequence, is significantly reduced.



NOTE:

- The wallbox charging station configuration may vary depending on the country where the vehicle is sold.
- The electrical system of the house must be checked regularly by qualified personnel.
- The maximum charging current value is automatically set by the device, depending on the building's electrical system.
- For the charging procedure, refer to the "Alternating Current (AC) Charging at Home" chapter in this section.
- For any Maserati Wallbox Service, please contact the call centre 00800 62737284.

Charging Procedure from Public Charging Station (AC)



WARNING!

- The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed using the MIA screen (see "Function of Electric Vehicle Menu on MIA" in section "Dashboard Instrument and Controls"). The default charge level set is "Level 3". The set level applies indifferently to both AC home charging (Mode 2) and charging from an AC public charging station (Mode 3). It is therefore always advisable to check that the level is set as desired for the actual charging type that is about to be carried out.
- The high voltage battery must only be charged through approved, earthed domestic sockets or at a public charging station using the supplied Mode 3 charge cable.
- Keep the charging flap closed when the charging port is not in use.

The high voltage battery of the vehicle can be charged by directly connecting the charging cable of the public charging stations or using the "Mode 3" charge cable.



Driving and Driver Assistance Systems

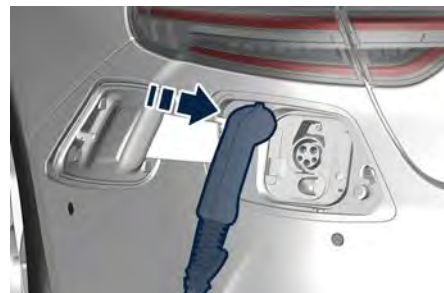
For the characteristics of the "Mode 3" cable, refer to the chapter "Power Sources" in this section.

To charge, proceed as follows:

- park the vehicle safely (transmission in "P" (Park) mode);
- engage the electric parking brake;
- turn the ignition device to **STOP** position;
- pull out the charging cable in the boot compartment (inside a special bag);
- remove any dust that may have accumulated on the charging connector and charging port;
- plug the charging connector into the socket of the public charging station;



- open the charge door by pressing the soft-key on the Comfort Display (see chapter "Charging" in this section);
- grasp the charging cable, remove the protective covers on both sides of the cable (if provided). Hold the first charging connector and insert it into the charging port on the vehicle until you hear a click indicating that it is locked;



- charging starts automatically if there is no programming on the MIA system (see chapter "Function of Electric Vehicle Menu on MIA" in section "Dashboard Instruments and Controls"). If necessary, the public charging station must be enabled; follow the manufacturer's instructions and warnings when using the charging station;
- the 5 LEDs with a steady green light will light up momentarily to indicate the correct insertion of the plug; during charging, the LEDs will light on with green flashing/green steady light depending on the state of charge of the battery portion indicated by the LED. The fixed green light indicates that the battery portion is fully charged.

NOTE:

- The charging procedure is interrupted when opening the hood: a dedicated message will be shown on the instrument cluster display. The charge will be reactivated when the hood is closed correctly.
- In some countries the “Mode 3” cable is not available.

Always connect the connector first to the socket on the public charging station and then to the vehicle.

NOTE:

Before leaving the vehicle, it is advisable to lock the doors by pressing the button  on the key fob. If it is not possible to lock the doors by pressing the button  on the key fob, lock the doors by pressing the button on the driver's side door handle.

End of Charging Procedure and Disconnection of the “Mode 3” Charging Cable

The charging procedure ends when all the LEDs, located next to the charging port, will light up steady green (during the charging phase, on the other hand, the LEDs will light up flashing/fixed green according to the state of charge of the battery portion indicated by the LED.

The fixed green light indicates that the battery portion is fully charged).

To complete the charging, proceed as follows:

- unlock the doors of the vehicle allowing the charging cable to unlock;
- if charging is in progress, press button on the charging port;



- disconnect the cable from the vehicle charging port of the vehicle and put the protective cover (where provided) back on the connector;
- unplug the cable from the charging port on the public charging station and put the protective cover (where provided) back correctly on the connector;
- close the charging flap, making sure it locks properly;
- roll up the charging cable correctly, repositioning the protective covers on both sides of the cable correctly (take care not to damage the cable when

rolling it up). Then place the cable and case inside the boot compartment.



Charging from Public Charging Station (DC) Procedure



CAUTION!

- Using "Fast Charge - Mode 4" can accelerate the battery degradation process.
- If fast charging is not required, standard (AC) charging is always preferred. This maximises battery life by ensuring the best performance of the vehicle over time.
- The charging times in "Fast Charge - Mode 4" are referred to up to 80% of the state of charge of the high voltage battery in standard environmental conditions (25°C/77°F).
- Charging times in extreme weather conditions can increase by as much as several minutes due to the intervention of the high voltage battery management system, which ensures optimal regulation of the battery temperature to prevent possible damage.
- The charging speed slows down when the state of charge of the high voltage battery exceeds 80%.

- The battery charging time can increase by a few minutes in case of very cold/hot outside temperatures, many quick charging sessions, high frequency of use of "Fast Charge - Mode 4" charging or ageing of the battery. This reduction in charging speed is necessary to preserve the battery.

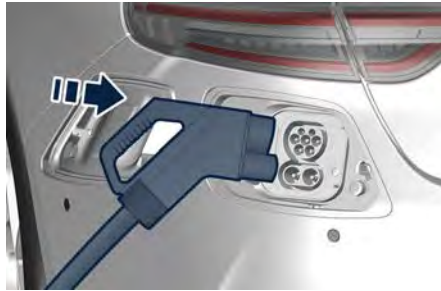
The high voltage battery of the vehicle can be charged by directly connecting the charging cable of DC (direct current) to public charging stations.

To charge, proceed as follows:

- park the vehicle safely (transmission in "P" (Park) mode);
- engage the electric parking brake;
- turn the ignition device to **STOP** position;
- take the charging cable from the charging station;
- remove any dust that may have accumulated on the charging connector and charging port;
- open the charge door by pressing the soft-key on the Comfort Display (see chapter "Charging in this section"); open manually the cover of the DC charging port.



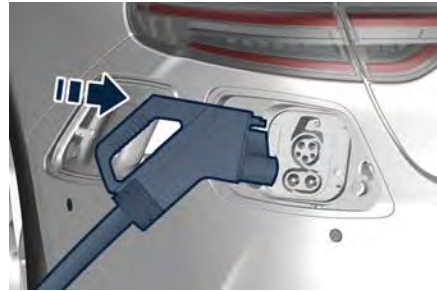
- grasp the charging cable, hold the first charging connector and insert it into the charging port on the vehicle until you hear a click indicating that it is locked;



For Japan market only, Maserati provides a specific adapter (CHAdeMO) to connect to the charging cable. For further information, contact the **Service Network**.

This adapter is exclusive to the Maserati GranTurismo Folgore.

Connect the adapter to the charging column cable first (side A) and then to the vehicle charging port (side B) (or vice versa);



If the first and last LEDs on the vehicle charging port flash red, start charging from the column according to the starting procedure recommended by its operator (e.g. press the START button). If the LEDs on the vehicle charging port do not light, disconnect the adapter and reconnect it, then wait for the two LEDs to flash red and start charging from the column;

- the 5 LEDs with a steady green light will light up momentarily to indicate the correct insertion of the plug;
- lock the doors by pressing the button  on the key fob;
- charging starts automatically.

If necessary, the public charging station must be enabled; follow the manufacturer's instructions and warnings when using the charging station.

NOTE:

If the vehicle is not equipped with the DCBC, the charge of the vehicle with a 400 V public charging station will not be effective. Only 800 V or greater public charging station will charge the battery of the car.

CHAdeMO Adapter Warnings

- In the event of failure, the LED on the CHAdeMO adapter will light red continuously.
- Charging may not start after the adapter has been connected to the charging port on the car if the adapter is not connected to the charging cable on the charging station within a certain time. In this case, the LED on the adapter flashes green to inform the user that the time within which the connection must be made is about to expire. After this time, the LED on the adapter turns off. In this case, unplug the CHAdeMO adapter from the charging port and plug it in again, then make another attempt to connect to the charging station.
- If you interrupt charging with the button on the side of the vehicle charging port, a pop-up will appear on the instrument panel display.



End of Charging Procedure and Disconnection of the “Mode 4” Charging Cable

The charging procedure ends when all the LEDs, located next to the charging port, will light up steady green (during the charging phase, on the other hand, the LEDs will light up flashing/fixed green according to the state of charge of the battery portion indicated by the LED).

The fixed green light indicates that the battery portion is fully charged).

To complete the charging, proceed as follows:

- unlock the doors of the car allowing the charging cable to unlock;
- if charging is in progress, press button on the charging port;

NOTE:

For japan market only, if charging is in progress, only interrupt it using the button on the charging station. Do not use the button on the charging port.



- disconnect the cable from the vehicle charging port of the vehicle and put the protective cover (where provided) back on the connector;
- for Japan market only, disconnect the CHAdeMO adapter from the charging port on the car and from the charging cable on the charging station;
- close the protective cover of the DC charging port;
- for Japan market only, put the CHAdeMO adapter back in the bag in the boot, bending the cable to place the CHAdeMO connector towards the bottom of the bag and the COMBO1 socket towards the top of the bag;
- put the cable on the public charging station;
- close the charging flap, making sure it locks properly.

Charging Functions

Two charging modes are available: immediate and scheduled.

The two charging modes can be selected in two ways:

- via the Maserati App (refer to the “Maserati Intelligent Assistant™ (MIA)” guide for further details
- by means of the MIA screen.

The page available on the MIA screen can be used to set charging times when the vehicle will be charged via “Mode 2” or “Mode 3”. By acting on MIA display and selecting the “Schedules” submenu on the screen under the “Vehicle” page, you can set the start and end time at which the high voltage battery is to be charged.

For more information, see “Functions of Electric Vehicle Menu on MIA” in section “Dashboard Instruments and Controls”.

NOTE:

DC recharging (“Mode 4”) does not include hourly programming.

Driving Conditions

Before the Trip

Check the following at regular intervals and always before long trips:

- tire pressure and condition;
- levels of fluids and lubricants;
- conditions of the windshield wiper blades;
- clean the glass on the external lights and all other glass surfaces;
- proper operation of the warning lights and of the external lights.



CAUTION!

It is however advisable to perform these checks at least every 1000 km (600 mi) and always following the maintenance schedule reported in section “Maintenance and Care”.

Before you drive:

- adjust seat position, steering wheel and rear-view mirrors in order to have the best driving position;
- ensure that nothing (mat covers, etc.) is obstructing the pedals movement;
- carefully arrange and secure any objects in the boot, to prevent them from moving forward in case of sudden stops;
- avoid heavy meals before a trip. A light snack helps keep your reflexes sharp. In particular, avoid drinking alcohol.



WARNING!

Beyond being prohibited by law, it is extremely dangerous to ride inside the boot or on the hood. In the event of an accident, passengers sitting here are more exposed to the risk of serious injury. Passengers must only travel seated in the vehicle seats, with the seat belts fastened. Always check that the driver and all passengers have the seat belts correctly fastened.

Driving Style

Top Speed

Energy consumption considerably increases as speed increases. Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of electrical energy consumption.

Acceleration

Accelerating violently will greatly affect electrical energy consumption. Acceleration should be gradual.

Traffic and Road Conditions

Heavy traffic with fast acceleration causes high electrical energy consumption. Winding mountain roads and rough road surfaces also adversely affect consumption.

Safe Driving

Although the vehicle is equipped with active and passive safety devices, the driver's conduct is always a decisive factor for road safety.

Some simple rules for travelling safely in different conditions are listed below. Some of them will probably already sound familiar but, in any case, it would be useful to read them carefully.

Driving at Night

The main guidelines to follow when driving at night are set out below.

- Drive carefully. Night conditions demand more focus and attention.
- Reduce your speed, especially on roads with no streetlights.
- Stop at early signs of drowsiness. Continuing to drive would be a risk for yourself and for others. Have a rest before continuing your trip.
- Keep the vehicle at a greater distance from vehicles in front of you than you would during the day: it is difficult to assess the speed of other vehicles when you only see the lights.
- Use the high beams only outside of densely-populated areas and when you are sure that they will not disturb other drivers.
- When another vehicle is approaching, switch from high beams (if on) to low beams.



Driving and Driver Assistance Systems

- Keep lights and headlights clean.
- Outside of densely-populated areas, beware of animals crossing the road.

Driving in the Rain

Rain and wet roads are dangerous.

On a wet road all manoeuvres are more difficult since wheel grip on the road is significantly reduced. This means that the braking distances increase considerably and the road grip decreases.

Some recommendations for driving in the rain are listed below.

- Reduce your speed and keep a greater safety distance from the vehicles in front of you. High speed may result in a loss of vehicle control.
- When driving on wet or slushy roads, it is possible for a wedge of water to build up between the tire and road surface. This is known as aquaplaning and may cause partial or complete loss of vehicle control and stopping ability. To reduce this possibility: slow down if the road has standing water or puddles.
- Heavy rain substantially reduces visibility. In these circumstances, even during the day, turn on the low beams, to be more visible to other drivers.
- Set the air conditioning and heating system controls on the demisting function, in order to avoid any visibility problem.

- Periodically check the conditions of the windshield wiper blades.
- Avoid driving with ESC OFF as this could possibly cause a loss of control of the vehicle.

Driving in Fog

If the fog is dense, avoid travelling if possible.

When driving in mist, blanket fog or when there is the possibility of banks of fog, please consider some advice listed below.

- Keep a moderate speed.
- Even in daytime, turn on the low beams and rear fog lights. Do not use the high beams.
- Remember that fog creates dampness on the asphalt and thus any type of manoeuvre is more difficult and braking distances are extended.
- Keep a safe distance from the vehicle in front of you.
- Avoid sudden changes in speed as much as possible.
- Whenever possible, avoid overtaking.
- If you are forced to stop the vehicle (breakdowns, impossibility of proceeding due to poor visibility, etc.), first of all, try to stop off of the travel lane. Then turn on the hazard warning lights and, if possible, the low beams.
- Sound the horn rhythmically if you hear another vehicle approaching.



CAUTION!

Be aware that rear fog lights can bother the drivers following your vehicle: when visibility is back to normal, turn off these lights.

Driving in the Mountains

Mountain roads usually have many narrow turns and curves, tunnels and steep uphill or downhill slopes: please consider some advices listed below.

- Drive at a moderate speed, avoid “cutting” corners.
- When driving inside a tunnel in daylight turn on the low beams in advance; avoid high beams and be aware of the rapid brightness change. Avoid abrupt manoeuvres that could be dangerous for the following vehicle.
- Never coast downhill with the electric motors off or in neutral.
- Remember that passing other vehicles when driving uphill is slower and thus requires more free distance on the road. If you are being overtaken on a hill, slow down and allow the other vehicle to pass.

Driving on Snow or Ice

Please consider some general advice for driving in these conditions, listed below.

- Maintain a very moderate speed.

- Fit snow socks or specific tires if the road is covered with snow, see chapter "Tires Information" in section "Understanding the Vehicle".
- We recommend you to activate the "MAX RANGE" mode (see chapters "Drive Mode" in this section).
- During the winter season, even apparently dry roads can have icy sections. Be careful when crossing bridges, viaducts and roads that have little exposure to the sun and are bordered by trees and rocks. They may be icy.
- Keep an ample safe distance from the vehicles in front of you.
- When driving on dirty roads (mud, snow or ice), clean your vehicle as described in the paragraph "Car Wash" (see chapter "Bodywork Maintenance and Care" in section "Maintenance and Care").
- Avoid sharp braking, sharp changes in direction and rapid acceleration. Rapid acceleration on snow covered or icy surfaces may cause the driving wheels to pull erratically to the right or left. This phenomenon occurs when there is a difference in the surface traction under the rear (driving) wheels.
- Recover vehicle in closed area after drove on heavy snow road to prevent ice build-up.

**WARNING!**

Rapid acceleration on slippery surfaces is dangerous. Unequal traction can cause sudden pulling of the rear driving wheels. You could lose control of the vehicle and possibly have a collision. Accelerate slowly and carefully whenever there is likely to be poor traction (ice, snow, wet mud, loose sand, etc.).

Driving through Flooded Sections**CAUTION!**

If there is a large quantity of water on the road surface:

- **Activate the Lifter System.**
- **Proceed at a speed not exceeding 20 km/h (12.5 mph).**

Driving through water sections will require extra caution to ensure passenger safety and prevent damage to your vehicle.





6 - In an Emergency

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SOS and Assist Call (📞)

The car is equipped with on-board assistance functions designed to provide support in the event of an accident and/or emergency (SOS Call) or vehicle malfunction (Assist Call).

NOTE:

For SOS and Assist Call functions (automatic call included), location (GPS) must always be active: any deactivation would make these services unavailable.

SOS Call

The SOS Call is sent to a private response centre/the police (when the call is provided as public service, it goes to the 112 (one-one-two European Emergency Number) or the 999 (nine-nine-nine UAE Emergency Number)). The call is powered by its own rechargeable battery to ensure operation even when the vehicle battery is low or disconnected.

When the call system battery goes low, the MIA screen will show a message and send a notification via mobile App. If the pop-up Maserati Connect Module error: "Battery of Maserati Connect Module is temporary low. SOS Call and related functions may not be available" occurs, set the vehicle in key-on/electric motors-on status to allow the battery of

the connected module to recharge till the popup disappears.

NOTE:

Failure to replace the call system battery or to ignore system warnings may impair or completely exclude the operation of the services.

In an Emergency

Regardless of the state of charge, the call system battery must be replaced every 5 years at the **Service Network**. The SOS Call is only to be used when there is a concern for the health of individuals. In this case, the operator of the emergency centre verifies the status of the vehicle's safety systems and defines with the driver the type of emergency support needed (ambulance, fire brigade, etc...). The SOS Call is automatically forwarded in the event of an accident with air bag deployment providing that the ignition device is in **ON** position and air bags are working (malfunction warning light 🚨 off).

The SOS Call can be activated manually by the user in 3 different ways:

- via the button on the dome console;
- via "SOS call" soft-key on the "Apps" page of the MIA screen;
- using the MIA smartphone application.

Via the Button on the Dome Console

Press and hold for a few seconds the SOS Call button on the dome console; the green LED on the button will blink and then become a fixed light indicating that a call has been placed.



The manual SOS Call is always available, up to 10 minutes after Key OFF. In case of a software installation process is ongoing, the manual SOS Call is not available. When the connection between the vehicle and a safety operator is made, your vehicle will automatically transmit location and vehicle information to the service operator.

NOTE:

- In case the SOS Call button is accidentally pushed, there is a 10 second delay before the call is placed. The system will verbally alert you that a call is about to be made. To cancel the

call connection, press the button on the dome console again.

- The SOS Call function may not be available in the first minute after starting the car.

The SOS Call has priority over other audio sources, which will be muted. If you have a phone connected via Bluetooth®, it will be disconnected and reconnected again at the end of the call. Voice prompts will guide you during the SOS Call.

If a connection is made between a service operator and your vehicle, you understand and agree that operators may, like any other SOS Call, record conversations and sounds in and near your vehicle upon connection.

Only a safety operator can remotely end the SOS Call and, if necessary, call back the vehicle eCall system. After the call, you can still call the emergency service operator to indicate additional information by pressing the button again. In an Emergency, the connection and the call to the operator of the SOS centre will immediately be activated and the following screen will be displayed on the MIA App.



During the SOS Call, if the user opens another page and exits the screen, the SOS Call status bar will be shown on all the other screens too, displaying "SOS Call in Progress" in writing and the call time, if available.

For further information, see the "Maserati Intelligent Assistant™ (MIA)" guide.

SOS Call Not Available Messages

The SOS Call is not available in the following cases:

- during a system update process;
- system error (generic fault, sim fault, antenna, ethernet connection, etc..);
- the subscription to the service is not active or has expired (only in case the emergency is provided as private service). In these cases, the SOS Call can be temporarily unavailable.

NOTE:

In case the Call is provided as a private service, if a customer has not subscribed

to Maserati Connected Services, the SOS Call will not be available. For more details, see the official Maserati website.

Assist Call

The Assist Call service is available only where the user has an active assistance coverage.

Assist Call requires the ignition device to be in **ON** position with a properly functioning electrical system. Owners have the ability to activate two types of Assist Call from the button on the dome console or via the "Assist Call" menu of the "Apps":

• Roadside Assistance Call

Road Assistance provides 24 hours / 7 days of assistance in case of vehicle-related problems (towing, flat tire, etc..) and dispatches roadside assistance to the vehicle's location.

NOTE:

When the user selects the "Road Assistance" soft-key on the MIA display, the vehicle location will be sent through to the call centre.

• Customer Service Call

Customer Service provides assistance and support on general enquiries.



In an Emergency

NOTE:

- When the user selects the "Customer Service" soft-key on the MIA screen, the vehicle location will be sent through to them.
- If a customer has not subscribed to Maserati Connected Services, the Assist Call will not be available. For more details, see the official Maserati website.



In an Emergency

NOTE:

- Roadside Assistance Call or Customer Service Call may not be available in the first minute after starting the car.
- In case the Roadside Assistance Call or Customer Service Call soft-key are inadvertently touched on the MIA screen, the call can be interrupted by touching the end call soft-key.
- If there is an active SOS Call, neither a Roadside Assistance or Customer

Service Call can be triggered. For further information, see the "Maserati Intelligent Assistant™ (MIA)" guide.

Assist Call Not Available Messages

The Assist calls are not available in the following cases:

- the subscription to the service is not active or has expired;
- there are problems connecting to the network. In these cases, the user will be warned that the call cannot be made on the cluster display.

In the Event of an Accident

It is important always to keep calm.

- If not directly involved, stop at a safe distance of at least ten meters away from the accident area.
- Turn off the electric motors and switch on the hazard warning flashers.
- At night, illuminate the accident area with the headlights.
- Always act with caution to avoid the risk of being crashed into by other drivers.
- Indicate that an accident has occurred by placing the emergency triangle (if equipped) in a well visible position and at the prescribed distance.
- Call the emergency services, providing as much information as possible. On the motor way, use the special call boxes.
- Remove the ignition key (if present) from the vehicles involved.
- If fuel or other chemical products can be smelled, do not smoke and ask people around you to put their cigarettes out.
- To extinguish fires, even small ones, use a fire extinguisher, blankets, sand or earth. Never use water.
- In multiple accidents occurred on motorways, particularly where visibility is poor, there is a high risk of being involved in other collisions.



Leave the vehicle immediately and move away from the area.

In case of Injured Persons

- Never leave the injured person alone. Persons not directly involved in the accident are also required to give assistance.
- Do not crowd around injured persons.
- Reassure the injured person that help is on the way and stay close to them to assist them to avoid possible panic attacks.
- Release or cut the seat belts restraining the injured persons.
- Do not give the injured persons anything to drink.
- Never move an injured person.
- Remove the injured person from the vehicle only in emergency situation, e.g. if there is a risk of fire, sinking in water or falling down into a pit.
- When removing an injured person, do not pull his/her limbs, never bend his/her head and, as far as possible, keep his/her body in a horizontal position.

Emergency Kit

The Emergency Kit provides first aid in case of a car breakdown or any other situation. The kit comes in a case in the inner part of the boot lid trim.

The kit includes the following elements:

- emergency triangle;

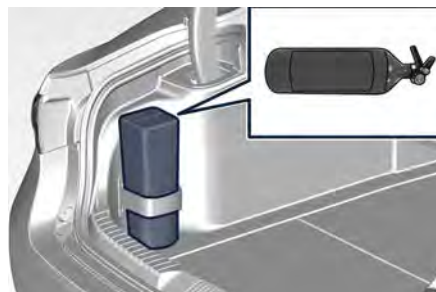
- reflective emergency vest;
- first-aid kit;
- gloves;
- ice scraper.

NOTE:

- The items inside the kit could change according to different countries' regulations.
- The **Maserati Service Network** can provide you with any information about the available Maserati Emergency Kit included in the “Genuine Accessories” range.

Fire Extinguisher

The vehicle is equipped with a fire extinguisher contained in a practical bag and positioned on the left side of the boot compartment.



First-Aid Kit

The First-Aid Kit is available in the inner part of the boot lid trim inside the Emergency Kit case (if foreseen).

This kit contains following:

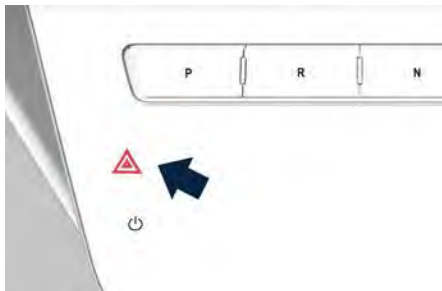
- sterile gauze to cover and clean the wounds;
- bandages of various sizes;
- treated adhesive bandages of various sizes;
- an adhesive bandage strip;
- a pair of rounded-end scissors;
- gloves;
- rescue blanket.



In an Emergency

Hazard Warning Flashers

The hazard warning flasher capacitive touch button is located on the left side of the Comfort Display.



Press the soft-key to turn on the hazard warning flashers to warn oncoming traffic of an emergency. When these lights illuminate, the turn signals, the related indicator lights on the instrument cluster and the button start flashing.

Press the soft-key a second time to turn off the hazard warning flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard for other motorists.

When you must leave the vehicle to seek assistance, the hazard warning flashers will continue to operate even though the ignition device is set in **STOP** position.



CAUTION!

- When the hazard warning flashers are activated, the turn signals control is disabled.
- The extended use of the hazard warning flashers may wear down your battery.

Tool Kit

The tools are located in the boot inside a preformed container.

To access the tools, lift the boot ground coverage, by acting on the handle.





The tools layout depends on the boot configuration of the vehicle, depending on the destination markets and customer requirements.

A Tire Kit Configuration.

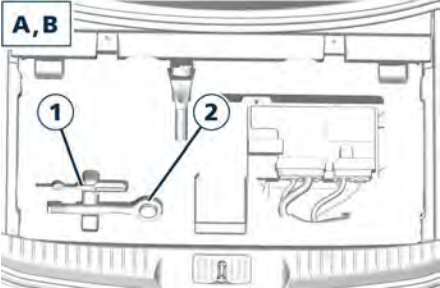
B Spare Wheel Configuration (only for GranTurismo).

The tools inserted in the kit are the following:

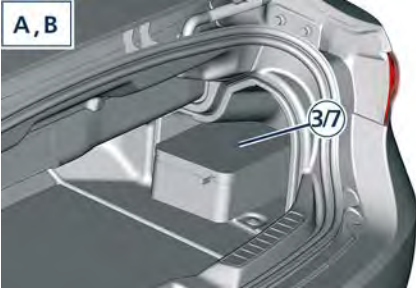
Ref.	Description	Layout
1	Double torx + cross-head screwdriver	A, B
2	Emergency tow hook	A, B
3	Tire repair kit with 10 mm Allen wrench for the opening of the hood	A, B
4	Spanner with rubber-coated handle for unscrewing/tightening the wheel nuts	B
5	Emergency triangle 	A, B
6	Jack set	B
7	Hexagonal key (6 mm) for soft top emergency manual release (only for GranCabrio)	A



In an Emergency



GranTurismo



GranCabrio



GranCabrio



GranTurismo



GranTurismo



GranTurismo

Battery Overheating

To reduce potential overheating of the battery in city traffic, while stationary, place the transmission in N (Neutral) mode, but do not increase the electric motors idle speed.

NOTE:

There are steps that you can take to slow down an impending overhear condition:

- If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the cooling system and turning the A/C off can help remove this heat.
- You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the high voltage cooling system.



CAUTION!

Driving with a hot cooling system could damage the battery. If the temperature gauge is positioned on the red zone “H”, pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the temperature gauge drops back into the normal range. If the temperature gauge remains on the red zone “H”, turn

the electric motors off immediately and contact the **Service Network**.



WARNING!

You or others can be badly burned by hot coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open it until the radiator has had time to cool.

Never try to open a coolant bottle pressure cap (refer to “Maintenance Procedures” in section “Maintenance and Care”) when the radiator is overheated.

In case of a Punctured Tire

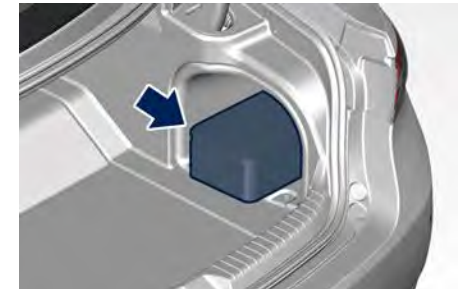
The vehicle can be equipped with a tire repair kit or with a spare wheel, depending on the destination markets and on customer requirements.

Using Tire Repair Kit

Small punctures up to 6 mm (1:4”) in the tire tread can be sealed using the tire repair kit, fitted in the right side of the boot compartment (see chapter “Tool Kit” in this section).

The kit consists of two parts:

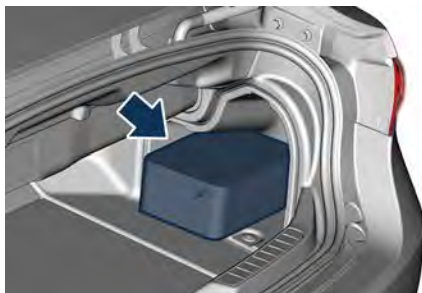
- an electric compressor with pressure gauge and power cable;
- a bottle containing sealant with hose to be connected to the punctured tire.



GranTurismo



In an Emergency



GranCabrio

NOTE:

For the tire repair procedures with tire repair kit see instructions included in the kit.

This kit will provide a temporary tire seal, allowing you to drive your vehicle up to 10 km (6 miles) with a maximum speed of 80 km/h (50 mph).



CAUTION!

- Intruding objects (e.g., screws or nails) should not be removed from the tire, which could compromise the repair with the tire repair kit.
- Do not use the tire repair kit if the tire shows lateral damages and/or the rim is damaged by driving with flat tire.
- Tire repair kit can be used in outside temperatures down to approximately -20°C (-4°F).

- Replace the tire repair kit sealant bottle prior to the expiration date (printed on the bottle label) to assure optimum operation of the system.

NOTE:

- The compressor power plug can be inserted either in the 12 V power outlet housed in the boot or inside the passenger compartment (see “Internal Equipment” in section “Understanding the Vehicle”).
- When having the tire serviced to the **Service Network** or to a tires service centre, advise who performs the operation that the tire has been sealed using the tire repair kit.

Using the Spare Wheel (🚗, only for GranTurismo)

The automatic levelling of pneumatic suspensions might create problems when it is necessary to lift the vehicle to replace the wheel featuring punctured tire with the emergency wheel supplied or with another wheel.



CAUTION!

Before mounting the spare wheel it is necessary to disable the suspension system by scrolling the user settings on MIA and selecting “Tire Jack Mode” in “Suspensions” submenu. The tick next to selected item will indicate that this mode is active and pneumatic suspension system is disabled (for further details, refer to “Functions of Settings Menu on MIA” chapter in section “Dashboard Instruments and Controls”). After servicing, restore original conditions and eliminate the tick next to selected mode: in this way the pneumatic suspension system will go back to normal operation.

NOTE:

The spare wheel is supplied in aluminium.

The spare wheel is stored in the boot and is supplied deflated in order to limit the amount of space occupied. In the event of a tire puncture, proceed as follows.

- Stop the vehicle in a place that does not constitute a danger to traffic and where the wheel can be changed safely. The vehicle must be level and on firm ground.
- Select the P (Park) mode and then engage manually the electric parking

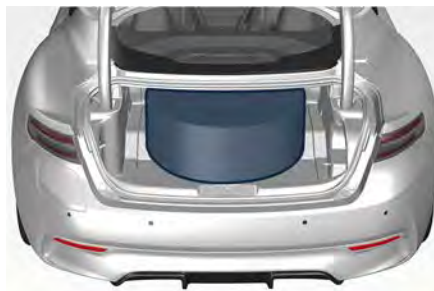
brake and move the ignition device to **STOP** position.

- If necessary, turn the hazard warning lights on and place the warning triangle at the required distance.

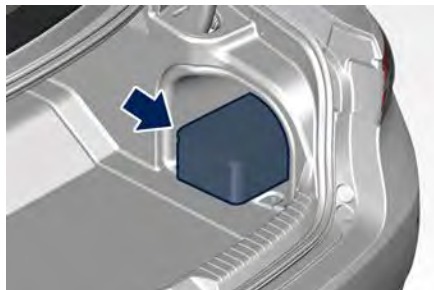


WARNING!

- The jack should be used on level firm ground wherever possible.
- It is recommended that the wheels of the vehicle be chocked, and that no person should remain in a vehicle that is being jacked.
- If the vehicle has been stopped on a slope or an uneven surface, place chocks or other suitable items in front of or behind the wheels to stop the vehicle from moving.
- Never start or run the electric motors with the vehicle on a jack.
- No person should place any portion of their body under a vehicle that is supported by a jack.
- Release the straps that anchor the spare wheel bag to the boot compartment floor.
- Remove the bag from the boot compartment.



- Remove the compressor from the tire repair kit in the right part of the boot compartment.



- Remove the spare wheel and other tools from inside the bag.

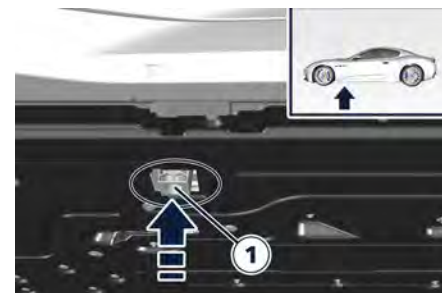
Spare Wheel Installation

- Take the spanner, then loosen anticlockwise by approximately one turn the five bolts on the wheel to be changed. In case a wheel security stud bolt is installed, it can only be removed by using the specific fitting spanner

insert provided with the “Wheel Security Stud Bolt Kit”, available in the “Genuine Accessories” range. In this case, the insert must be installed on the kit spanner.

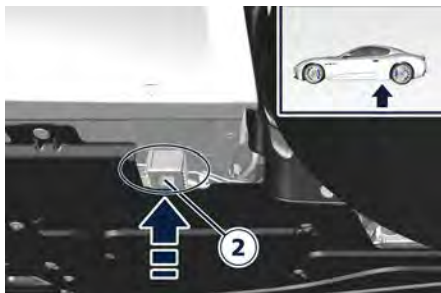


- Place the jack near the wheel to be changed as illustrated. Make sure that the head of the jack is correctly inserted in one of the slots **1** or **2** under the longitudinal member.





In an Emergency



WARNING!

- Never position yourself under a jacked vehicle.
- Jack wrong positioning can cause vehicle accidental fall, with consequent severe risk for operator's safety and damages to vehicle body.
- Never use the jack to carry out maintenance or repairs under the vehicle.



CAUTION!

- Always use the jack supplied with the compact spare wheel kit.
- Using a jack different from the one supplied in the kit, take care not to use one with raised edges; it can damage the underbody of the vehicle.
- Insert the lever in the jack.

- Turn clockwise the lever of the jack until the wheel is raised a few centimetres off the ground.



- Completely unscrew the five bolts and remove the wheel.
- Make sure that the contact surfaces between spare wheel and hub are clean and free of impurities.
- Fit the spare wheel with the valve stem side out and secure it with the five bolts previously removed, without tightening them.
- Remove from the compressor case the inflation hose and the cable with a plug for the power outlet.
- Unscrew the valve cap of the spare wheel and screw the fitting of the inflation hose onto the valve.
- Insert the plug inside one of the available power outlets fitted in the boot or passenger compartment.
- Set the ignition device in **ON** position.

- Turn the compressor on by pressing the switch.
- Stop the compressor pressing switch again, when the pressure indicated by the gauge reaches the recommended level (see chapter "Tire Inflation Pressure" in section "Technical Specifications") and screw the cap on the spare wheel valve.



CAUTION!

- In order to obtain a more accurate reading, the compressor should be switched off when checking the tire pressure of the spare wheel on the pressure gauge.
- Do not run the compressor for more than 20 minutes: there is a risk it could overheat. Also, prolonged power absorption may discharge the battery,

subsequently preventing the electric motors from starting.

- The compressor has been designed exclusively to inflate spare wheels; do not use it to inflate air mattresses, dinghies etc.
- Turn anticlockwise the lever of the jack to lower the vehicle and remove the jack.
- Fully tighten clockwise the bolts, alternately tightening diametrically opposite.



WARNING!

- Observe the tightening torque for the bolts securing the spare wheel (120 ± 12 Nm/ $88,5 \pm 9$ lbf·ft).
- Bolts must be tightened only after vehicle is back to ground, so as to prevent it from falling down due to the force exerted for bolt tightening. Failure to comply with this recommendation can cause operator injuries.



WARNING!

- The spare wheel must only be used to travel the distance required to reach a service station, where the punctured tire can be repaired or replaced.
- Do not exceed a maximum speed of 80 km/h (50 mph) when using the spare wheel, as indicated on the label applied on it; when this limit is exceeded, the stability, road holding and braking of the vehicle will be compromised. Avoid accelerating to full speed, heavy braking and fast cornering.
- The spare wheel must be inflated to the recommended tire pressure (see chapter "Tire Inflation Pressure" in section "Technical Specifications").

- For safety reasons, it is absolutely forbidden to drive with more than one spare wheel fitted on the vehicle.
- Snow socks cannot be fitted on the spare wheel.
- The spare wheel can travel a maximum of 3000 km (1800 mi).



MEA market only

To Refit the Standard Wheel with Repaired or Replaced Tire

- Following the procedure and the caution described above, raise the vehicle and remove the spare wheel reusing the supplied spanner.
- Fit the standard wheel with repaired or replaced tire.
- Tighten the original bolts on the wheel.
- Lower the vehicle and remove the jack.
- Fully tighten the bolts, alternately tightening diametrically opposite.



In an Emergency



- Place all the tools used in the container and insert it in spare wheel.
- Insert the assembly into the bag and close the upper zip.
- Position and secure the bag on the ground coverage of the boot compartment with the appropriate straps.



CAUTION!

Always make sure that you have closed the zip to prevent any tools from coming out while driving and damaging the coverings of the boot compartment.

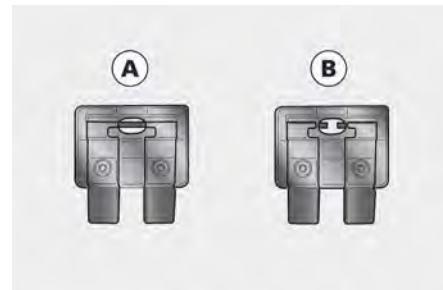
If a Fuse Blows

Used Fuses Characteristics

When an electrical device is not functioning, check that the corresponding fuse is in proper working order (intact).

A Fuse intact

B Fuse blown



On the vehicle are mainly used with mini-and maxi-fuses with blade engagement.

Besides these there are other types of the fuse provided with holes for fixing to the cable connection terminals. For the replacement of these fuses contact the **Service Network**.

Replace the faulty fuse with a new one featuring the same rating, by using appropriate forceps.



The colour identifies the value of the fuses in amperes which is also reported on them.

The table shows the match between colour and amperage of mini and maxi fuses.

Type	
Mini Fuse	Maxi Fuse
Beige - 5	Yellow - 20
Brown - 7,5	Green - 30
Red - 10	Orange - 40
Blue - 15	Red - 50
Yellow - 20	Blue - 60
White - 25	
Green - 30	



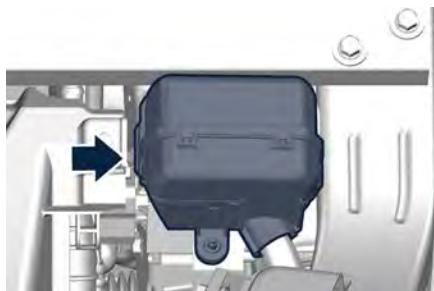
CAUTION!

- Never replace a blown fuse with anything other than a new and suitable fuse (same rating).
- After replacing a fuse, if the fault recurs, contact the **Service Network**.

Position of Fuses

The fuses are located in five parts of the vehicle, namely:

- inside the fuse and relay box, on the front left hand side of the front electric motor compartment;



- inside the fuse and relay box located in a covered area, on the rear left hand side of the front electric motor compartment;
- in the fuse and relay box located in a covered area, inside the inner right side of the boot compartment.
- on the positive post of the battery, under a cover in the rear right hand side of the front electric motor compartment.

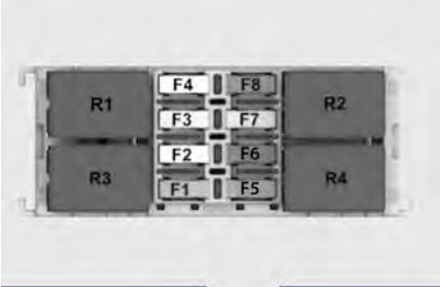


Fuses Box on the Front Left Hand Side of the Front Electric Motor Compartment

- To access the module it is necessary to lift the hood (see “Open and Close the Hood” in section “Before Driving”).
- To access the fuses remove the module cover unhooking the frontal locks as shown in the picture. To recognize the reference number of the fuses in the table below, see the diagram inside the cover just removed.



In an Emergency



The table points out the position as featured in the cover, the type and function of the fuses included in the box.



CAUTION!

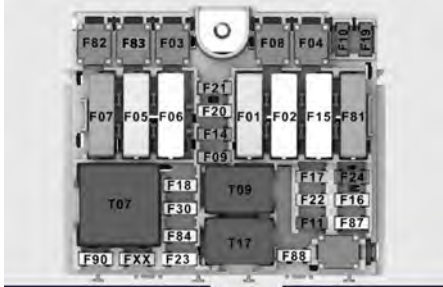
After replacement, refit the protective cover of the module.

Ref.	Type	Function
F1	Mini – 20A	PECP input
F2	Mini – 20A	PECP2 input
F3	Mini – 25A	PECP3 input
F4	Mini – 25A	PECP4 input
F5	Mini – 20A	Front Inverter V Batt2 KL30 input
F6	Mini – 20A	Front Inverter V Batt2 KL30 input
F7	Mini – 7,5A	Dome console input
R1	Micro – 30A	Horn relay
R2	Micro – 30A	Power Outlet relay
R3	Micro – 30A	HVAC Blower relay
R4	Micro – 30A	HVAC Loads relay

Fuses Box on the Rear Left Hand Side of the Front Electric Motor Compartment

The module is located under a cover in the rear left hand side of the front electric motor compartment.

Considering the complexity of this operation, we recommend you to contact the **Service Network**.





The table points out the position as featured in the cover, the type and function of the fuses included in the box.

Ref.	Type	Function
F01	Maxi – 60A	EPS1 module
F02	Maxi – 60A	IBS module
F03	Maxi – 15A	Power Outlet input
F04	Maxi – 40A	IBS valves module
F05	Maxi – 60A	EPS2 module
F06	Maxi – 30A	ETM R1 module
F07	Maxi – 50A	PECP, PECP2, PECP3, PECP4 input
F08	Maxi – 40A	HVAC Blower input
F09	Mini – 20A	BCM module
F10	Mini – 10A	Horn input

Ref.	Type	Function
F11	Mini – 10A	EPS1 module
F14	Mini – 5A	HV Battery module
F15	Maxi – 25A	DDM input
F16	Mini – 3A	Clockspring input
F17	Mini – 10A	EPS2 module
F18	Mini – 10A	BCM 3 module
F19	Mini – 15A	Devio, HUD & IPC module
F20	Mini – 20A	LT Headlamp input
F21	Mini – 20A	RT Headlamp input
F22	Mini – 7,5A	Headlamps & BSM module
F23	Mini – 20A	Master F7, F8
F24	Mini – 7,5A	SGW
F30	Mini – 20A	BCM 4 module
F81	Maxi – 25A	PDM module
F82	Maxi – 20A	Wiper input
F83	Maxi – 30A	Front Inverter input
F84	Mini – 20A	TAP front Module

Ref.	Type	Function
F87	Mini – 10A	IBS from F71 CBA input
F88	Mini – 5A	Heater & ADAS module
F90	Mini – 15A	Cooling system module
FXX	Mini – 10A	HVAC & AQS module
T07	Maxi – 50A	PECP, PECP2, PECP3, PECP4 relay
T09	Micro – 30A	BCM module relay
T17	Micro – 30A	Heater & ADAS relay

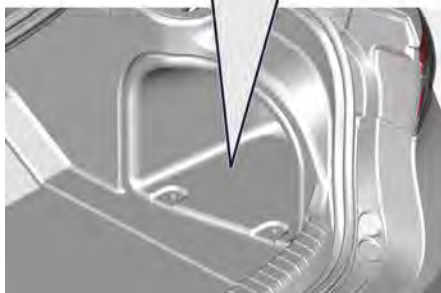
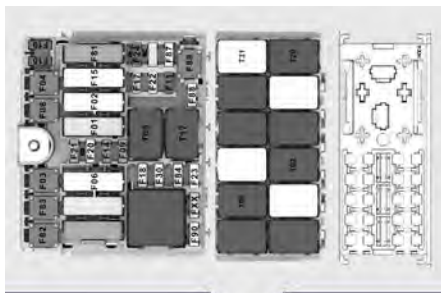
Fuse Box in the Boot Compartment

This box is located in a covered area inside the boot compartment in the inner right side.

Considering the complexity of this operation, we recommend you to contact the **Service Network**.



In an Emergency

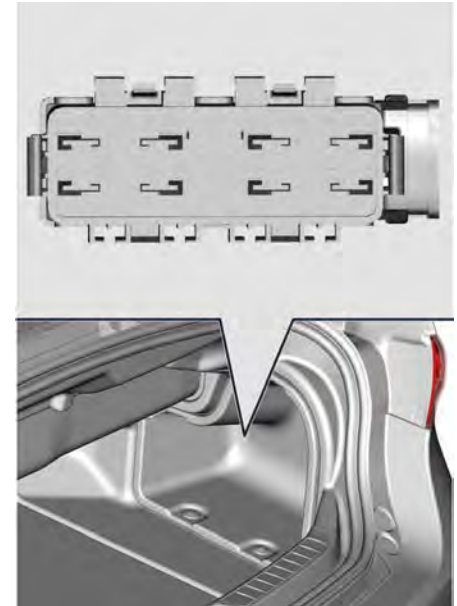


Ref.	Type	Function
F1	Mini - 10A	ASU - MUW radar input
F2	Mini - 25A	Motor H001 input
F3	Mini - 7,5A	E-Latch Passenger side input
F4	Mini - 7,5A	E-Latch Driver side input
F5	Mini - 20A	TAP2 input
F6	Mini - 20A	TAP3 input
F7	Mini - 15A	CVPAM / H001 / H002 / ALM I025 HUB / HFRM / C070 module
F8	Mini - 25A	Motor H002 input
F9	Mini - 20A	MCPx (PIM) ALIM_2 x 3
F10	Mini - 20A	MCPx (PIM) ALIM_1 x 3
R1	Maxi - 50A	VDCM Air Spring relay
Ref.	Type	Function
T02	Micro - 30A	ECU VDCM Relay

Ref.	Type	Function
T03	Micro - 30A	Soft Top De-frost relay
T06	Micro - 30A	Steering Wheel Heater relay
T14	Micro - 30A	Air Scarf Driver relay
T20	Micro - 30A	H001 Heater relay
T31	Micro - 30A	H002 Heater relay
T89	Micro - 30A	Air Scarf Passenger relay
Ref.	Type	Function
F01	Maxi - 40A	Master FXX / 10+1 MTA (F8 - F2) input
F02	Maxi - 30A	BCM1 module
F03	Maxi - 25A	ECU VDCM module
F04	Maxi - 30A	EESM module
F05	Maxi - 20A	Soft Top
F06	Maxi - 25A	BCM2 module
F08	Maxi - 30A	HI-FI module
F09	Mini - 7,5A	PFDLM module
F10	Mini - 5A	ORC module

Ref.	Type	Function
F11	Mini – 5A	Wireless Charger input
F14	Mini – 5A	VDCM 3 module
F15	Maxi – 40A	Air Spring module
F16	Mini – 10A	RFHUB input
F17	Mini – 7,5A	USB Charger input
F18	Mini – 5A	VDCM 2 module
F19	Mini – 10A	Steering Wheel Heater input
F20	Mini – 25A	Master E-Latch module
F21	Mini – 10A	ECU: HV Battery 2 / APM2 / OBCM / CPIM
F22	Mini – 20A	12 V Boot Compartment Power Outlet
F23	Mini – 25A	H001 Heated & Comfort input
F24	Mini – 15A	Rear input
F30	Mini – 30A	PLGM module
F81	Maxi – 50A	Defrost module
F82	Maxi – 30A	HI-FI 2 module

Ref.	Type	Function
F83	Maxi – 30A	Master F09-F10 MTA (10+1) PIM module
F84	Mini – 5A	VDCM 1 module
F87	Mini – 15A	CADM module
F88	Mini – 7,5A	ORC module
F89	Maxi – 30A	Rear F87 + F24 module
F90	Mini – 7,5A	Heated Mirrors & Heated Nozzles module
FXX	Mini – 25A	H002 Heated & Comfort input
T09	Micro – 30A	Power Outlet relay
T17	Micro – 30A	Rear relay
Ref.	Type	Function
R1	Maxi – 50A	Rear Defrost Relay



Only for GranCabrio

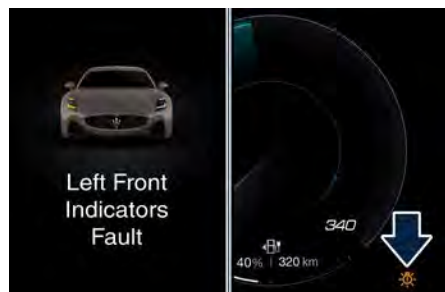
Ref.	Type	Function
F01	Maxi – 30A	Air Scarf Driver
F03	Maxi – 40A	Soft Top
F04	Maxi – 30A	Air Scarf Passenger



In an Emergency

In Case of External Lights Fault Signal

The signal failure of an external light is communicated to the instrument cluster that displays on the screen in a graphical form and with a text message which light is faulty and a telltale (see example in the figure).



Replacement of LED Lights



CAUTION!

The front and rear light clusters are equipped with LEDs.

It is not possible to replace a single LED of the cluster, we recommend that you contact the **Service Network** for the replacement of the entire cluster.

All of the bulbs of the other devices are LED powered and cannot be replaced by

the owner. Contact the **Service Network** to replace them.

Soft Top manual closing operation (only for GranCabrio)



WARNING!

After releasing the pressure in the system, the soft top is free to move, so if it is not in a stable position, it will open or close due to its weight.

- Take the greatest care to avoid being squeezed or trapped by its levers and mechanisms.
- Manual operation of the soft top for emergency closing requires the presence of two persons in order to prevent personal injury or damage to the car.
- When moving the soft top by hand, take the greatest care as its movable parts could squeeze or trap objects or parts of your body.



CAUTION!

The emergency procedure described below must be used in case wherever it is necessary to close the soft top but not possible immediately contact the **Service Network**.

When the boot lid is open, the soft top compartment cover could touch and therefore be damaged during opening.

- When opening the soft top compartment cover, you must be extremely careful to avoid contact between the moving body parts.
- In the event of accidental contact between the moving body parts, avoid forcing the opening and stop opening immediately.
- Do not travel in these conditions because the rear part of the soft top is not closed.

NOTE:

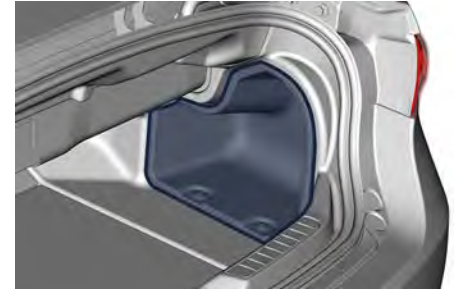
- The side windows must be down during the emergency closing procedure.
- To move the soft top manually, release the pressure in the hydraulic system by turning the starter to the OFF position and wait about 10 minutes.
- Open the boot lid.
- Remove the left side plug inside the boot to reach the small cables to unlock the soft top cover locks.



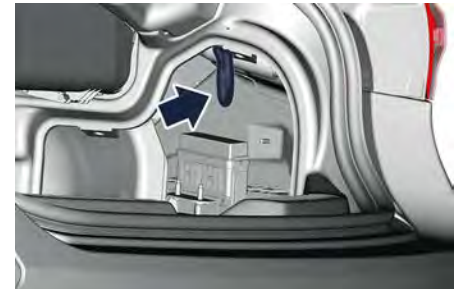
- Extract the left side safety cables from their housing and pull them to release the soft top cover locks.



- Remove the right side plug inside the boot to reach the small cables to unlock the soft top cover locks.



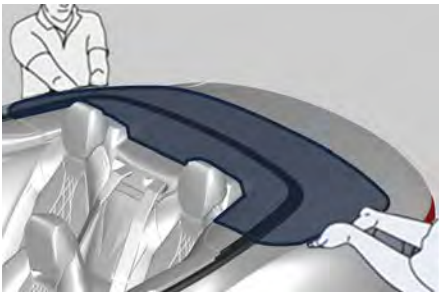
- Extract the right side safety cables from their housing and pull them to release the soft top cover locks.



- Close the boot lid.
- Manually lift the soft top compartment cover, positioning your hands as shown in the figure.



In an Emergency



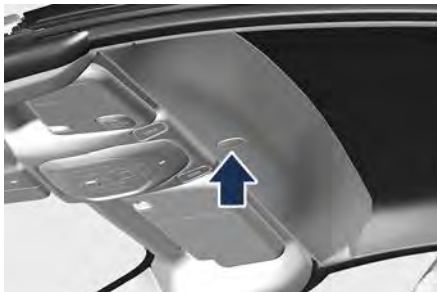
- Hold the soft top compartment cover in an upright position (by placing it on the shoulder for example as seen in the image).



- Remove the soft top from its compartment by moving the front section to approx. half its travel, until reaching a balanced position.
- Lower the soft top top until latching the locks.



- Remove the safety cap using a generic screwdriver for slot-head screws.



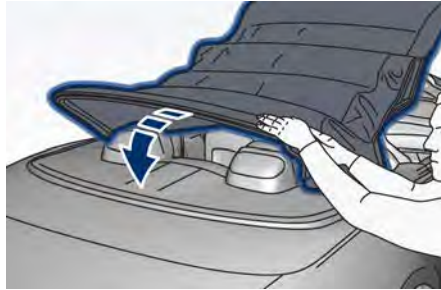
- Use the key supplied in the tool kit (see "Tool Kit" chapter in this section) and screw until the front locks of the roof are closed.
Remove and store the key inside the tool kit (see "Tool Kit" chapter in this section).



- Lower the soft top compartment cover to close the soft top compartment.



- Lower the rear part of the soft top up to the soft top compartment cover.

**WARNING!**

Manual operation does not allow the complete closure of the rear section.

- Do not travel in these conditions because the rear part of the soft top is not closed.
- It is advisable not to leave the car unattended with the soft top closed manually as protection against theft.

Emergency Release of the Parking Brake

In the event the electric parking brake locks due to a system failure (see chapter "Parking Brake" in section "Driving and Driver Assistance Systems"), it is not possible to move the vehicle, since the thrust action of the power actuator that operates on the brake pad inside each rear caliper will lock the rear wheels.

After verifying that the battery is sufficiently charged (otherwise use an external power source connected to the vehicle electric system to operate the EPB control lever and try to unlock the parking brake), for moving the vehicle it is necessary to act on the power actuator or caliper in order to release the pressure on the pads of the rear brake calipers. Contact the **Service Network** to carry out this operation.

**CAUTION!**

If the parking brake has been activated in manual or automatic mode and it is not possible to release it by operating on the lever under the driver lower side of the dashboard, do not move the vehicle since rear brake calipers might be damaged. To move the vehicle, see

"Towing a Disabled Vehicle" chapter in this section.



Transmission Manual

Release of P (Park) Position

Contact the **Service Network** to release the automatic transmission.

Freeing the Stuck Vehicle

If your vehicle is stuck in mud, sand, or snow, it can probably be moved backward and forward by a simple rocking motion.

Steer the wheel right and left to clear the area around the front wheels. Shift then between D (Drive) and R (Reverse) mode (see chapter “Automatic Transmission” in section “Driving and Driver Assistance Systems”).

At low speed motion of the vehicle, you can switch quickly from D (Drive) to R (Reverse), and vice versa, just by pressing the corresponding buttons. For more effectiveness press lightly on the accelerator pedal in order to avoid wheel slippage.

If unable to release the vehicle in one of the previously described ways, enter the low-grip driving mode, by choosing the Max Range mode, and completely exclude the yaw and slip control system, by pressing the ESC OFF soft-key on the Comfort display for at least 3 seconds. Move the transmission between D (Drive) and R (Reverse) mode to start.



CAUTION!

Racing the electric motors or spinning the drive wheels may lead to transmission overheating and failure. Allow the electric motors to idle with the transmission in N (Neutral) mode for at least one minute after every five rocking-motion cycles. This will minimise overheating and reduce the risk of transmission failure during prolonged efforts to free a stuck vehicle.



WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive drive wheel speeds may cause damage, or even failure, of the drivetrain and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

Auxiliary Jump-Start Procedure

If your vehicle has a discharged battery it can be jump-started using a set of jumper cables or by using a portable battery booster. It is necessary to have proper jumper cables in order to connect the booster battery to the remote posts of the discharged battery. Booster cables have positive and negative terminal clamps and are identified by the sheath colour (red = positive, black = negative). Maserati provides on request jumper cables created for its models in a practical case.

Jump-starting can be dangerous if done improperly so please follow the procedures in this section carefully.

NOTE:

When using a portable battery booster pack, follow the battery manufacturer's operating instructions and precautions.



CAUTION!

- To jump start a vehicle do not use a portable battery, a booster pack or any other booster source with a system voltage greater than 14 Volts or damage to the battery or

electrical system of the vehicle with the discharged battery may occur.

- Do not use a battery charger for emergency starting under any circumstances. You could damage the electronic systems.



WARNING!

- Using booster packs that have not been checked, which could therefore release a too high charging voltage (higher than 14 V), in extreme environmental conditions (for example: closed areas or without proper ventilation and temperatures higher than 50°C/122°F or lower than -20°C/-4°F) create the right conditions for ignition which could then cause the battery to explode. Therefore you shall always perform jump-starting operations using the adequate tools and in the best environmental conditions, taking all necessary precautions.
- Do not attempt jump-starting if the discharged battery is frozen. It could break or explode during jump start and cause personal injury.
- Do not carry out this procedure if you have not done it before: incorrect manoeuvres can originate high

electrical discharges and even cause the battery to explode.

- To avoid the risk of explosion or fire, do not approach the battery with open flames or cigarettes that could generate sparks.

NOTE:

If you need to disconnect the battery from the vehicle electrical system, contact the **Service Network**.

Battery Remote Posts Position

For easier operation, remote battery posts for jump starting are located in the front electric motor compartment and under a cover in the rear right hand side of the same compartment.

After lifting the hood (see "Open and Close the Hood" in section "Before Driving") remove the indicated cover acting on the four screws.

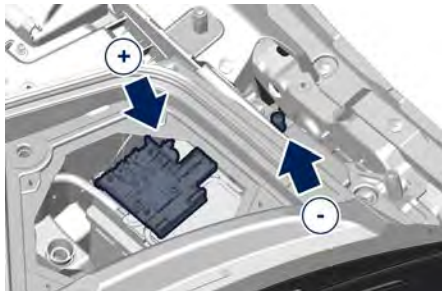


Remove the battery protective cover. The positive post (+) and the negative



In an Emergency

remote post (–) are shown in the picture and are easily recognizable by the icons labelled on them.



Jump-Start Procedure



WARNING!

- Stay clear of the radiator cooling fan whenever the hood is raised. It can start anytime the ignition device is on. You could be injured by the moving fan blades.
- Remove any metal jewelry such as watch bands or bracelets that might make an inadvertent electrical contact. You could be seriously injured.

NOTE:

If the 12 V battery is shorted, disconnect the negative post (–) of the battery before starting the jump-start procedure.

- Turn off the heater, radio, and all unnecessary electrical accessories.
- Set the parking brake, shift the automatic transmission into P (Park) mode and set the ignition device to **STOP**.
- Connect one terminal clamp of the positive (+) jumper cable to the positive (+) post of the vehicle with the discharged battery after lifting the protection cap of the cable indicated.
- Connect the opposite terminal clamp of the positive (+) jumper cable to the positive (+) post of the booster battery.
- Connect one terminal clamp of the negative jumper cable to the negative (–) post of the booster battery.
- Connect the opposite terminal clamp of the negative (–) jumper cable to the remote negative (–) post of the vehicle with the discharged battery as rendered.



- Start the booster battery and then start the electric motors in the vehicle with the discharged battery. Wait a few seconds after connecting the cables, before starting the booster.

Once the electric motors are started, remove the jumper cables in the reverse sequence.

- Disconnect the terminal clamp of the negative (–) jumper cable from the remote negative (–) post of the vehicle with the discharged battery.
- Disconnect the opposite terminal clamp of the negative jumper cable from the negative (–) post of the booster battery.
- Disconnect the terminal clamp of the positive (+) jumper cable from the positive (+) post of the booster battery.
- Disconnect the opposite terminal clamp of the positive jumper cable from the positive (+) post of the discharged vehicle.

NOTE:

If frequent jump-starting is required to start your vehicle electric system you should have the 12 V battery and charging system inspected at a **Service Network** centre.



Towing a Disabled Vehicle

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only towing bars and other equipment designed for the purpose, following equipment manufacturer's instructions.

Safety chains are mandatory.

Except for the front and rear threaded seat to fix the supplied hook (see "Tool Kit" chapter in section "In an Emergency"), the vehicle is not equipped with other connection points for towing operations with tow truck.



CAUTION!

Any improper manoeuvre and use of unsuitable equipment for recovering vehicle in an emergency from off road location could seriously damage the vehicle. Contact the **Service Network** or anyone having suitable equipment and the required expertise to safely and properly carry out any required operations.

Make sure you comply with local towing regulations.

- **If the vehicle's battery is discharged,** refer to the following paragraph on how to shift the automatic transmission out of the P (Park) position and release the parking brake.



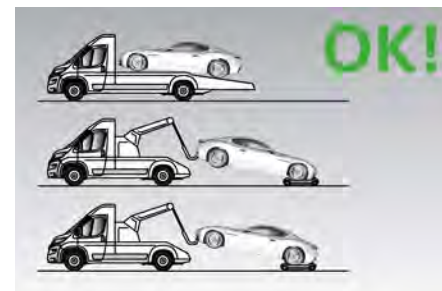
CAUTION!

Check the state of charge of the battery. If the battery is completely flat, air springs unload and a jump start is necessary (see "Auxiliary Jump-Start Procedure" chapter in section "In an Emergency"). Wait until the full lift of the vehicle to avoid possible bumps during the towing manoeuvres.

- **If the vehicle battery is still charged,** turn off the electric motors and disengage the parking brake manually (if automatically engaged) by using the command under the driver lower side of the dashboard (see "Parking Brake" chapter in section "Driving and Driver Assistance Systems"). If you need to use the accessories (wipers, defrosters, etc.) while being towed, the ignition device must be in **ON** position.

Vehicle Towing Conditions

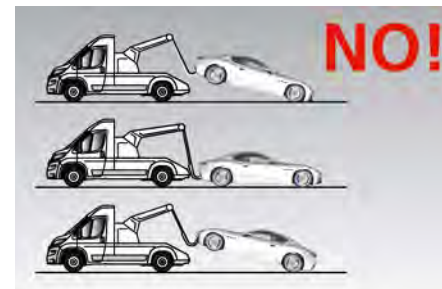
The vehicle can only be towed under the conditions illustrated in the following image.



WARNING!

The vehicle can only be moved on its own wheels by pushing by hand or with the vehicle's pusher.

Do not exceed the speed of 8 km/h (5 mph).





In an Emergency

Use the Tow Hook Included in the Tool Kit



CAUTION!

The tow hook should only be used for towing the car on flat roads. Do not use the tow hook to remove the car that is stuck on off-road stretches.

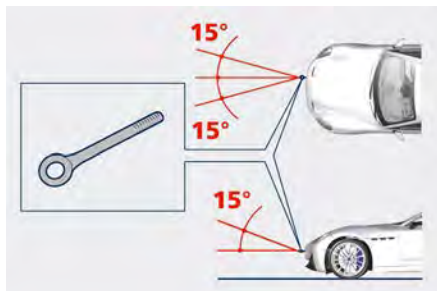
The tow hook is also used to tow the vehicle on the platform of a tow truck. It is necessary to inform the operators of the rescue vehicle about the vehicle minimum height to avoid, during its loading, any contact of the lower ends of the front or rear bumper with the tow truck loading ramp.

The tow hook is contained in the tool kit (see "Tool Kit" chapter in this section) and must be screwed in the seat located on the front bumper.

- To access the front tow hook seat on the front bumper, remove the cover on the right side of the bumper lower grid pushing on the lower end of this cover.



- Carefully clean the threaded seat before screwing the hook.
- Screw the tow hook into its seat for at least 11 turns.



NOTE:

Maximum work angle of towing cable or bar: 15°.



7 - Maintenance and Care

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Scheduled Maintenance Service

Correct maintenance is clearly the best way to guarantee vehicle performance and safety functions, ensure respect for the environment and low operating costs.

NOTE:

Also remember that the observance of the maintenance procedures is essential for keeping your vehicle operating properly. Not adhering to the “Scheduled Service Plan” can impact your vehicle’s warranty.

Interval Running Coupons

Maserati has therefore provided for a series of checks and maintenance operations involving the 1st service and subsequent when the vehicle reaches mileage/years reported on the “Scheduled Service Plan” in this section. After the last service, maintenance must be restarted with the operations scheduled for the 1st, 2nd and 3rd service.



CAUTION!

The Scheduled Maintenance services are prescribed by the Manufacturer. Failure to have the services carried out can affect your warranty.

The Scheduled Maintenance service is provided by the whole **Service Network**. In the event that, when a service is performed, further replacements or repairs are found to be necessary in addition to the scheduled operations, these can be carried out only with the specific consent of the Customer.



CAUTION!

You are advised to notify the **Service Network** of any minor operating problem, without waiting for the next scheduled service.



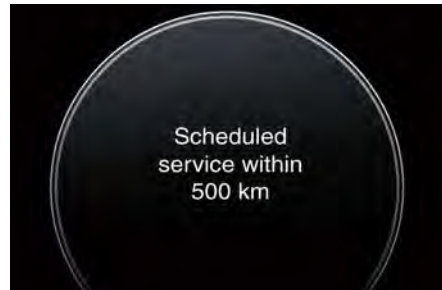
CAUTION!

Failure to perform the required maintenance items may result in damage to the vehicle.

Scheduled Maintenance (Service) Indicator

The service indicator system will remind you the deadline for the maintenance program.

The service message will appear on instrument cluster after the key-on approximately from 1000 km (620 mi) or 30 days to the next scheduled maintenance.



Have your vehicle serviced as soon as possible.

NOTE:

The service indicator will not monitor the time elapsed from the last scheduled maintenance.

To check the km/mi and the days that remain at the inspiration of the next scheduled maintenance, consult the "Overview" submenu of "Vehicle" main menu (see "Function of My Car Menu on MIA" in section "Dashboard Instruments and Controls" for more details).

The **Service Network** will reset the service indicator message after completing the scheduled maintenance operations.



Scheduled Service Plan

The Scheduled Maintenance services listed in this manual must be done within the times or mileages specified to protect your vehicle warranty and ensure the best vehicle performance and reliability.

More frequent maintenance may be needed for vehicles in operating conditions, such as dusty areas, extremely hot or cold ambient temperature and very short trip driving. Inspection and service should also be done anytime a malfunction is suspected.

Maserati recommends that these maintenance intervals be performed at the **Service Network**. The technicians at your dealership know your vehicle best, and have access to factory-approved information, genuine Maserati parts, and specially designed electronic and mechanical tools that can help prevent future costly repairs.



Main Operations/Service Coupons

Service coupons	1°	2°	3°	4°	5°	6°
Main operations	Interval running coupons: every 15.000 km (9.321 mi) or 1 year					
Vehicle road test						
Check with Maserati Diagnosis						
Tire repair and first aid kits (🛠️): expiration date						
E-motors compartment: visual check for damages and leaks						
E-components coolant level						
High voltage battery: visual check for damages and leaks						
Cooling system connections and lines: visual check for leaks						
Brake fluid level						
Brake fluid	(1)					
Brake system: lines, calipers, pads, discs, connections - Parking brake operation						
Tire wear, tire and spare tire (🛠️) pressure						
Joints, rods for front and rear suspensions, front and rear under chassis, rims (visual check)						
Air spring functional check						
Correct operation and reliability of the seats and seat belts						
Pollen filter	R	R	R	R	R	R
Windshield fluid level - Windshield washer- Wiper blades						
TBM (E-call module): battery (🔋)	(2)					
Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.)						



Service coupons	1°	2°	3°	4°	5°	6°
Main operations	Interval running coupons: every 15.000 km (9.321 mi) or 1 year					
High-voltage charging socket in charging door: functional check	I	I	I	I	I	I
Controls and adjustment systems in general, hinges, gas springs, doors, engine compartment lid and luggage compartment	I	I	I	I	I	I
Condition of the leather interiors	I	I	I	I	I	I
Soft top: check operation and sealing strips (only GranCabrio)	I	I	I	I	I	I
I = Inspect and carry out any other necessary operation R = Replace (1) The brake fluid, regardless of the mileage, must be replaced every 2 years. (2) The TBM's battery must be replaced every 5 years.						



Maintenance and Care

Periodic Maintenance

Every 1000 km (600 mi) or before long journeys

Check:

- cooling system;
- brake fluid;
- windshield washer fluid level;
- tire inflation pressure and condition;
- operation of lighting system (headlights, turn signals, hazard warning lights, etc.);
- operation of windshield washer/wiper system and wear of windshield wiper blades.

Heavy-Duty Vehicle Use

If the car is mainly used under one of the following conditions:

- off-road;
- short, repeated journeys (less than 7-8 km /4-5 mi) at sub-zero outside temperatures;
- driving long distances at low speeds or long periods of idleness;

you should perform the following inspections more frequently than recommended on the “Scheduled Service Plan”:

- check front disc brake pad conditions and wear;
- check cleanliness of hood and boot locks, cleanliness and lubrication of linkage;

- visually inspect conditions of: electric motors, transmission, pipes and hoses (brakes) and rubber elements (boots - sleeves - bushes - etc.);
- check battery charge;



CAUTION!

All maintenance operations for the vehicle must be carried out by the **Service Network**. For routine and minor maintenance operations which you can carry out yourself, make sure that you have the necessary experience and always use suitable equipment, original **Maserati** spare parts (or equivalent) and the prescribed fluids. Shall this not be the case, do not carry out any operation on your own and contact a **Service Centre**.

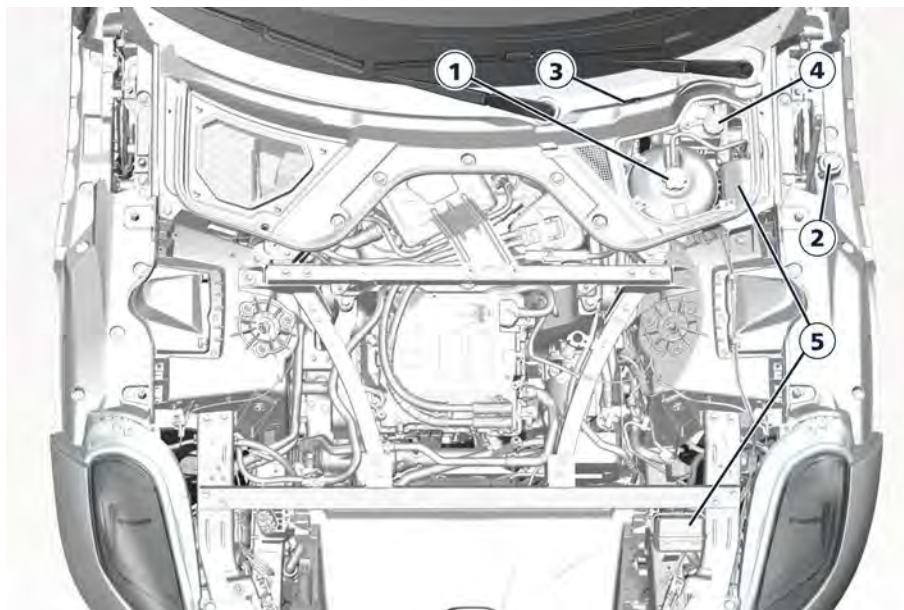
On-Board Diagnostics (OBD)

Your vehicle is equipped with an on-board diagnostic system that monitors the performance of the electric motors and automatic transmission control systems. See “Use of the Electric Motors” in section “Driving and Driver Assistance System” for further details.

Maintenance Service Components

The following images show the position of the components involved in the maintenance service.

1. Cooling system expansion reservoir.
2. Windshield washer fluid reservoir cap (for **Service Network** use only).
3. Windshield washer fluid reservoir plug.
4. Brake fluid reservoir access plug.
5. Fuses boxes.





Maintenance Procedures

The following pages contain the “required” maintenance standards determined by Maserati engineers. Besides those maintenance items specified in the “Scheduled Service Plan”, there are other components which may require service or replacement in the future.



CAUTION!

- Failure to properly maintain your vehicle or perform repairs and service when necessary could result in more costly repairs, damage to other components or negatively impact vehicle performance. Immediately have potential malfunctions checked by the **Service Network**: please be advised that Maserati recommends to address to the **Official Service Network**.
- Your vehicle has been equipped with improved fluids that protect the performance and durability of your vehicle and also allow extended maintenance intervals. Do not use chemical flushes for washing as the chemicals can damage your electric motors, transmission, electric power steering or air conditioning. Such damages are not covered by the New

Vehicle Limited Warranty. If a flush is needed because of component malfunction, use only a specific product for the flushing procedure.

Level Checks



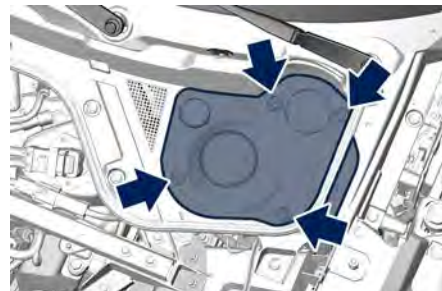
ENVIRONMENTAL!

- Fluids used contain substances that are dangerous for the environment. For replacement you are advised to contact the Service Network, where all the necessary equipment is available to dispose of the used oil and fluids in compliance with the regulations in force and in an environmentally-friendly manner.
- All equipment used for fluids replacement (gloves, cloths, containers, etc) must be disposed of in compliance with the regulations in force.

Cooling System Level Check

The coolant reservoir provides a quick visual method to determine that the coolant level is adequate. As long as the battery operating temperature is satisfactory, the coolant reservoir only needs to be checked once a month. With the electric motors off and cold, the level of the coolant in the reservoir on the left side of the front electric motor

compartment should be between the ranges indicated on the reservoir. To access the reservoir, it is necessary to lift partially the cover with its gasket, acting on four screws.



When additional refrigerant (antifreeze) is needed to maintain the proper level, contact the **Service Network** to have the reservoir refilled.

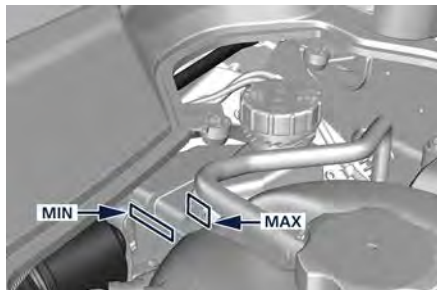
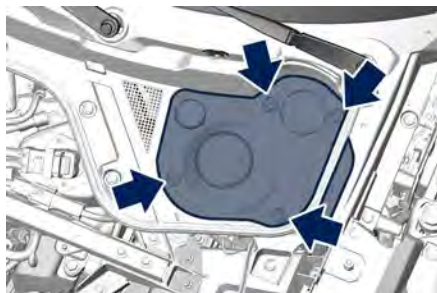
**WARNING!**

- Never add refrigerant (antifreeze) when the battery is hot. Do not loosen or remove the cap of the refrigerant reservoir to cool a hot battery. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.
- When adding coolant do not use a pressure cap other than the one specified for your vehicle. Personal injury or system damage may result.

Brake Fluid Level Check

Check the fluid level immediately if the brake system warning light (ⓘ) and the related message turn on indicating a low level of brake fluid.

To access the brakes fluid reservoir, it is necessary to lift partially the cover with its gasket, acting on four screws.



When additional brake fluid is needed to maintain the proper level, contact the **Service Network** to have the reservoir refilled.

Normal brake pad wear could cause the fluid level to fall. However, low fluid level may be caused by a leak too, and requires accurate checkup of the braking system.

If necessary, contact the **Service Network**.

**CAUTION!**

The symbol ⓘ on the tank cap identifies the synthetic type of brake fluid, distinguishing it from the mineral type. Using mineral fluids damages the special rubber linings of the brake system irreparably.

**WARNING!**

- To avoid contamination from foreign materials or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in an open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in an accident.
- Overfilling the brake fluid reservoir can result in spilling brake fluid on hot systems parts, causing the brake fluid to catch fire. Brake fluid can also damage painted and vinyl surfaces, make sure it does not spill over these surfaces.
- Do not allow petroleum based fluid to contaminate the brake fluid. Brake



Maintenance and Care

seal components could be damaged, causing partial or complete brake failure. This could result in an accident.

Adding Windshield Washer Fluid

The reservoir on the left side of the front electric motor compartment contains the fluid to wash the windshield.

During scheduled services or when the message of low level of the washer fluid appears together with the related telltale



add more fluid as soon as possible.

The fluid reservoir may contain nearly 3,2 litres (0,7 UK gal) of washer fluid.

- Get a flexible funnel (example in figure) to refill the tank. The funnel is not supplied in the tool kit.



- Remove the indicated plug located under the windshield, left side.



- Place the funnel in the pipe.
- Fill the reservoir with windshield washer solvent (refer to "Refilling Table" in section "Technical Specifications") and operate the system for a few seconds to flush out the residual water.
- When refilling the washer fluid reservoir, apply some washer fluid to a cloth or towel and wipe the wiper blades clean. This will help blade performance.

To prevent freeze-up of your windshield washer system in cold weather, select a solution or mixture that meets or exceeds the temperature range of your climate.

This rating information can be found on most washer fluid containers.



WARNING!

- Commercially available windshield washer solvents are flammable. They could ignite and burn you. Care must be exercised when filling or when working around the windshield washer system.
- Do not drive with the windshield washer reservoir empty: the action of the washer is essential for improving visibility when driving.

Automatic Transmission Oil Check

Contact the **Service Network** for the oil level check.

Fluid Level Check for Transmission Cooling System

The coolant contained in the reservoir of this system is the same as the one used for the cooling system.

For the preparation of the mixture of water and antifreeze and for the control of the level, proceed as shown in the "Cooling System Level Check" of this chapter.

A/C Air Filter Replacement

Contact the **Service Network** to have the A/C air filter replaced.

Wiper Maintenance and Blades Replacement

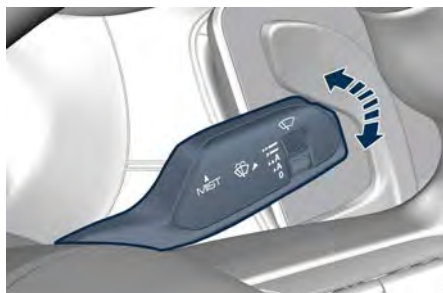
Windshield Wiper Arms Lifting

When the windshield wiper arms are in rest position it is not possible to check or replace the blades as they remain under the hood.

To service the blades it is necessary to move the wiper arms in "Service" position. To activate this function, deactivate the windscreen wiper (ring in position **0**) before setting the ignition device to **STOP**.

This function can only be activated within 2 minutes of setting the ignition device to **STOP**.

To activate this function, move the lever upwards (unstable position) for at least three seconds.



In this way it is possible to lift the arms for cleaning or replacing the wiper blades.

If, after using the function, the ignition device is set back to **ON** with the blades in a position other than rest position (at the base of the windscreen), they will only return to rest position following a command given using the stalk (stalk upwards, into unstable position) or when a speed of 5 km/h (3 mph) is exceeded.



WARNING!

It is dangerous to operate or service the wiper blades with the windshield wipers in an active position (any position different from "0") and with the ignition device in the ON position. The rain sensors may suddenly activate the wipers. Always use the "Service" position for any intervention on the windshield wiper blades.



CAUTION!

Do not operate the wipers with the blade lifted from the glass. This could damage the wiper system.

Windshield Wiper Maintenance

Life expectancy of wiper blades varies depending on the geographical area's weather conditions where the car is used and frequency of use. Poor performance of blades may be present with chattering, marks on the glass, water lines or wet spots. If any of these

conditions are present, clean the wiper blades or replace if necessary.

Clean the rubber edges of the wiper blades and the windshield/rear window glasses periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades.

Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products.

Spray nozzles

If the jet does not work, first check that there is fluid in the tank (see paragraph "Level checks" in this section) then check that the nozzles are not clogged.

Windshield Wiper Blades Replacement

- Move the wiper arms into "Service" position, (see "Windshield Wiper Arms Lifting" in this section) and lift them.
- Press the indicated button, slip off the blade support from the arm and replace it.



- Return the blade to its original position on the windshield.
- Turn the multifunction lever to one of the automatic settings (see chapter "Wipers and Washers Control" in section "Dashboard Instruments and Controls") and move the ignition device in **ON** position: the wiper arms will return to the resting position.

NOTE:

Due to the difficulty of this operation, we recommend that you contact the **Service Network** for replacement of the blades.

7 Body Lubrication

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers, boot lid, and hood hinges, should be lubricated periodically with a lithium-based grease. This action is essential to preserve the original operation of these components

and to protect them against rust and wear.

Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit; after lubricating excess oil and grease should be removed. Particular attention should also be given to hood latching components to ensure proper function. When performing maintenance in the front electric motor compartment, the hood latch, release mechanism and safety catch should be cleaned and lubricated. The coupling pin of the lock on the rear driver door pillar must be lubricated at least twice a year, preferably in the Fall and Spring. Apply a small amount of high quality lubricant directly on the bolt.

Battery Status and Maintenance

This vehicle is equipped with a 12 V sealed type maintenance-free battery. You will never have to add water, nor is periodic maintenance required. In addition to the 12 V battery, this model is equipped with another 800 V battery that does not require any type of maintenance. Its charge status is visible on the gauge in the bottom part of the right dial, by entering the "Vehicle" menu on the MIA screen and choosing "Electric Vehicle" submenu, or visualizing the "Charging Screen Status" main menu. Any work on this battery must be performed by the technicians of the **Service Network**.

NOTE:

All the descriptions/operations of this chapter refer only to the 12 V battery which will be simply called "battery".



WARNING!

- **Battery fluid is a corrosive acid solution and can burn or damage the eyes. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean with the face over a battery. If acid splashes in eyes or on skin,**

flush the area immediately with large amounts of water.

- **Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.**
- **Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling the battery.**
- **The battery in this vehicle has a vent hose that should not be disconnected and should only be replaced with a component of the same type (vented).**

NOTE:

Remote battery terminals for start are located in the front electric motor compartment for jump starting to be used with an auxiliary battery (see "Auxiliary Jump-Start Procedure" chapter in section "In an Emergency").

Battery State of Charge

To avoid problems with ignition and/or the electrical system in general when you are driving, the battery charge status is constantly maintained and guaranteed by the vehicle's recharge circuit; the main component of which is the Auxiliary Power Module (APM).

The warning light  on the instrument cluster, will indicate any malfunctions in the recharge circuit or an insufficient battery charge status (example in figure).



The vehicle contains advanced electronic systems, such as, for example, the alarm system and various electronic control modules, which consume power even when the ignition device is in **STOP** position and the vehicle is not being used.

Therefore, it is fundamental that the battery is properly charged to ensure that the electric motors start properly and that all the electrical/electronic systems in the vehicle work efficiently.

Useful Advice to Extend Battery Life

When parking the vehicle, make sure that the doors, hood, boot lid and flaps are properly closed. All interior lights should be off.

When the electric motors are turned off, do not keep the connected devices switched on for a long time (such as radio, hazard warning lights, fan, etc.).



CAUTION!

- If the battery charge remains below 50% for a long period of time, it will be damaged due to sulphation; its performance and starting power will be reduced and it will be more subject to freezing (this can happen even at -10°C/14°F).
- If the battery charge status is not optimal, a message is displayed: "Battery saving active, some systems may have reduced power". For example: AC system may be deactivated after a key cycle, it can be accessed manually.

We recommend you to have the battery charge condition checked, preferably at the beginning of the cold season, to prevent the electrolyte from freezing. This check should be carried out more frequently if the vehicle is used mainly for short trips or if it is equipped with power-absorbing devices that remain permanently on even when the ignition device is off. This applies above all if these devices have been retrofitted ("Aftermarket" services).



Maintenance and Care

If the vehicle is not used for long periods of time, please see "Vehicle Stored for Long Periods" in this section.

Battery Recharge



WARNING!

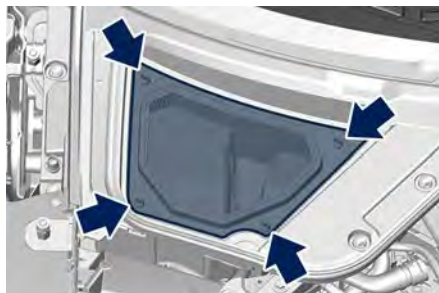
The process of charging or recharging the battery produces hydrogen, a flammable gas that can explode and cause serious injuries. When charging or recharging the battery, follow the recommended precautions at all times.

- Before using a charger device always check that this tool is suitable for the installed battery, with constant voltage (lower than 14.0 V) and low amperage (maximum limit 15 A).
- Recharge the battery in a well-ventilated environment.
- Never charge or recharge a frozen battery: it can explode due to hydrogen trapped inside the ice crystals.
- Ensure that any sparks or open flames are kept well away from the battery while it is charging.
- Before using a charger to charge or maintain the battery charge status, carefully follow the instructions provided to ensure the charger is

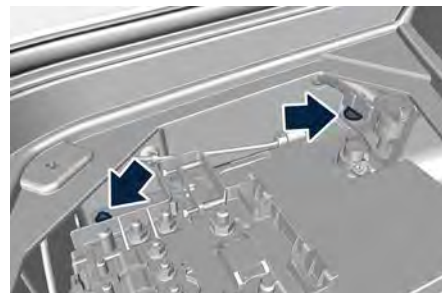
connected to the battery safely and correctly.

Is possible to recharge the battery without disconnecting the cables of the vehicle electrical system.

- To access the battery it is necessary to open the hood and remove the cover on the upper right side, acting on the four screws indicated.

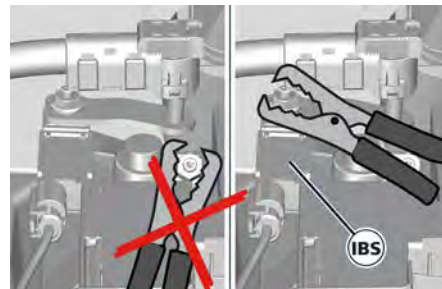


- Remove the protection cover and connect the terminal clamp of the charger positive cable (typically in red) to the positive post (+) of the battery.
- Connect the terminal clamp of the charger negative cable (typically in black) to the nut located by the negative post (–) on the battery, indicated in the picture.



The vehicle is equipped with a IBS (Intelligent Battery Sensor) sensor able to measure charging and discharging currents and to calculate the state of charge and state of health of the battery. This sensor is located in at the negative post (–) of the battery.

For a successful charge/recharge operation, the charging current must flow through the IBS sensor as shown in the picture.



- Turn the charger on and follow the instructions on its user manual to completely recharge the battery.
- When the battery is recharged, turn off the battery charger before disconnecting it from the battery.
- Disconnect first the terminal clamp of the charger black cable from the battery and then the terminal clamp of the red cable.
- Reassemble the protection cover on the battery positive post and the other parts removed for this operation.

Maintaining Battery Charge

Vehicle is able to periodically charge the 12V battery, taking energy from High Voltage 800V battery.

NOTE:

While the battery charger is connected to the vehicle, the window short drop function may occur. This is normal and expected. We strongly recommend parking the vehicle indoors or away from the elements while using the charge maintainer.

The Maserati Service Network can provide you with any information about the Maserati approved “Battery Charger and Conditioner”, available in the “Genuine Accessories” range.

A/C System Maintenance

For best performances, the air conditioning system should be checked and serviced by the **Service Network** at the beginning of the warm season. This service should include cleaning of the condenser and a performance test. During the winter, the air conditioning system should be operated at least once a month for about 10 minutes.



CAUTION!

Do not use chemical flushes in your air conditioning system as the chemicals can damage your air conditioning components. Such damage is not covered by the New Vehicle Limited Warranty.



WARNING!

- Use only refrigerants and compressor lubricants approved by the manufacturer for your air conditioning system. Some refrigerants are flammable and can explode, causing injuries. Other unapproved refrigerants or lubricants can cause the system to fail, requiring costly repairs.
- The air conditioning system contains refrigerant under high pressure. To

avoid risk of personal injury or damage to the system, adding refrigerant or any repair requiring lines to be disconnected should be done by an experienced technician.

Periodically remove any leaves and insects that may build up and obstruct the inlet of external air in the air conditioning system through the grille present underneath the rear part of the hood.

To access the grille, lift the hood as described in “Open and Close the Hood” in section “Before Driving”.



Wheels Maintenance

Tires Maintenance



CAUTION!

To obtain the best performances and the longest mileage from the tires, take following precautions during the first 500 km (310 mi):

- do not drive at the vehicle's maximum speed;
- drive at low speed on curves;
- avoid sudden steering;
- avoid sudden braking;
- avoid sudden acceleration;
- do not drive at high speeds for too long.

The tires inflation pressure must correspond to the prescribed value (see chapter "Tire Inflation Pressure" in section "Technical Specifications") and should be checked only when the tires have cooled down. In fact, the pressure increases as the tire temperature progressively increases.

Never reduce the pressure if tires are hot (see chapter "Tires Information" chapter in section "Understanding the Vehicle"). Insufficient tire inflating pressure can cause tire overheating and possible internal damage, which may even lead to the tire destruction.



CAUTION!

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage it.

Impacts with curbs, holes, and obstacles in the road, and prolonged trips on rough roads or off-road trails can cause tire damage which may not be visible to the naked eye.

Check your tires regularly for any signs of damage (e.g. scratches, cuts, cracks, bulges, etc.). If sharp objects penetrate the tires, they can cause structural damage which is only visible when the tire is removed.

In any case, any possible damage must be inspected by an experienced technician, as it may seriously reduce the tire life.

Remember that tires deteriorate with time, even if used little or not at all. Cracks in the tire tread and sides, alongside possible bulging, are a sign of deterioration.



WARNING!

- Check the inflating pressure of the tires when cold, at least every two weeks and before long trips.
- Have the old tires inspected by an experienced technician, to make sure they can still be used safely. If the same tire has been on your vehicle for 4 years, have it inspected anyway by an experienced technician.
- Never fit tires of uncertain origin.
- "Directional" tires have an arrow on their side showing the rolling direction. To keep the best performance when replacing a tire, make sure that the rolling direction corresponds to the one shown by the arrow.
- During the tire life, the rolling direction used for the first fitting shall always be observed, also in case of "nondirectional" tires.
- Check the depth of the tire tread at regular intervals. The minimum allowed value is 1.6 mm (0.06 in) for Summer Tires, at that point the wear indicators on the tire will be visible (see chapter "Tires Information" in section "Understanding the Vehicle"). The thinner is the tread, the greater is the risk of skidding.



- The functions of Winter tires are significantly reduced when tread depth is less than 4 mm (0.16 in). In this case they should be replaced.
- Drive carefully on wet roads to decrease the risk of aquaplaning.

Winter Tires

These tires are specially designed for driving on snow and ice and are fitted to replace the ones supplied with the vehicle.

The specific functions of the winter tires lead to lower performance under normal environmental conditions or on long highway trips, compared to the standard tires.

Therefore, their use should be limited to the situations and performance for which they have been type-approved.

The **Service Network** can provide all necessary information about fitting winter tires on the vehicle.

NOTE:

- We recommend fitting winter tires on the vehicle at temperatures below 7 °C (45 °F) since the driving performance of summer tires is reduced at low temperatures. Summer tires may be permanently damaged at extremely low temperatures.

- Comply with all state and local laws governing snow tire and tread depth requirements.

Wheel Rims Maintenance

All wheel rims should be cleaned regularly with a mild soap and water. To remove heavy soil and/or excessive brake dust, use a nonabrasive, non-acidic cleaner (neutral Ph cleaner not containing sulfuric acid and/or sodium hydroxide).

Do not use scouring pads, steel wool, a bristle brush, or metal polishes. Do not use oven cleaner that may involve and damage the brake calipers.

Avoid automatic car washes that use acidic solutions or harsh brushes that may damage the wheel rim protective finish.

Bodywork Maintenance and Care

Protection from Atmospheric Agents

The main causes of corrosion are:

- atmospheric pollution;
- salinity and humidity in the atmosphere (marine areas or a damp climate);
- seasonal environmental conditions;
- salt scattered on the roadbed to melt ice and snow.

The abrasive action of wind-carried atmospheric dust and sand, mud and stones should not be underestimated.

On this vehicle, Maserati has adopted the best technological solutions to protect the bodywork from corrosion.

The main measures are:

- paint products and systems that give the vehicle particular resistance to corrosion and abrasion;
- use of galvanized (or pre-treated) metal sheets which are highly resistant to corrosion in the most exposed parts;
- spraying of the underbody, insides of wheel housings, and other structures with wax products having high protective power;
- spraying of plastic materials, with a protective function, in the most exposed points: underneath the doors,



Maintenance and Care

inside part of the mud guards, edges, etc.;

- use of ventilated box sections, coated with protective wax products, to avoid condensation and trapped water which could encourage the formation of internal rust.

Useful Advice to Keep the Bodywork in Good Condition

NOTE:

The **Maserati Service Network** can provide you with any information about the Maserati approved Protective Films Kit, available in the "Genuine Accessories" range.

Paint

The paintwork does not only have an aesthetic function but also protects the underlying metal sheets. In the event of abrasions or deep scratches, we recommend to have the necessary touch-ups made immediately, to avoid any rust formation. Touch-ups do not feature particular difficulties, even on metallic and matte finishes.

For all paint touch-ups, use only original products indicated on the label fitted on the rear driver door's ledge.



Normal paint maintenance consists in washing, the frequency of which depends on the conditions of use and of the environment. For example, if driving the vehicle in areas where there is high atmospheric pollution or the roads are spread with anti-freeze salt, it is advisable to wash the vehicle more frequently.



ENVIRONMENTAL!

Detergents pollute water. Therefore the vehicle should be washed in areas equipped for the collection and purification of the fluids used for washing.

NOTE:

The use of alcohol-based products for cleaning the metal surfaces in the front electric motor compartment and/or the boot may deteriorate the protective

paint. It is recommended to use water-based products and neutral surfactants.

Car Wash

For correct washing:

- wet the bodywork with a low pressure water jet;
- clean the underbody with a low pressure water jet, including wheelhouses and bumpers;
- pass a sponge with a light detergent without acidic components (neutral Ph cleaner not containing sulfuric acid and/or sodium hydroxide) over the bodywork, frequently rinsing the sponge;
- rinse well with water and dry with an air jet or chamois leather.

When drying, take particular care with the parts that are less visible, such as the door, boot lid and lid bays, headlight edges, in which water can be trapped more easily.

You are recommended not to take the vehicle immediately into an enclosed environment, but leave it in the open air so as to allow the water to evaporate. Do not wash the vehicle after it has been left in the sun or when the hood is hot: the paint gloss could be affected. External plastic parts must be cleaned with the same procedure followed for the normal washing of the bodywork.



Avoid, as far as possible, parking the vehicle under trees; the resinous substances that very often drop from the trees give the paint a dull appearance and increase the possibility of originating corrosive processes.

It is important that the drain holes in the lower sides of the doors, rocker panels, and boot bottom be kept clear and open.

NOTE:

Make sure that Hands free, Proximity system and Passive Entry system settings are deactivated while washing your car.



CAUTION!

- Bird droppings must be washed off immediately and thoroughly, since their acidity is particularly corrosive.
- To provide better protection for the paint, polish the vehicle at intervals with a suitable product leaving a protective film on the paint.
- If the vehicle is washed using high-pressure water jets or cleaners, it is important that the nozzle of the jet be kept at a distance of at least 40 cm (16 in) from the bodywork to avoid damaging it.

- Do not use a high-pressure washer to clean any component in the hood compartment.
- Make sure the hood is closed before washing the car.

Washing Vehicles with Matte Finish Paint

- It is recommended to hand wash vehicles with matte-finish paint.
- Before washing, first remove from the bodywork dust and other particles that could damage the paint. Preferably use an air pressure jet.
- When grease spots and fingerprints are present, it is recommended using a special cleaner for matte finish paint. Apply the product using a microfiber cloth. To avoid damaging the paint surface, do not use too much pressure.
- Wet the bodywork with plenty of water and clean it using a soft sponge and a neutral wax-free shampoo, starting from the top and working down. Dry the bodywork using an air pressure jet.
- Rinse all the parts of the vehicle thoroughly with plenty of water. Keep the sponge or the washing mitt in use always wet and clean.
- At last, using a different sponge or washing mitt, clean the wheels, the door sill plates and the other parts that are less visible.



CAUTION!

- It is recommended not to wash the vehicle in direct sunlight. The little drops of water, acting as small focal lenses, could damage the paint.
- Always and only wash the vehicle by hand. Avoid using abrasive sponges or mitts that could damage the matte finish paint.
- Never polish and never use polishing agents on the vehicle with matte finish paint or on parts of it.
- Hard water (over 30 °C) could leave limestone residues.

Glass Surfaces

All glass surfaces should be cleaned on a regular basis with any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window on the boot lid equipped with electric defrosters. Do not use scrapers or other sharp instrument that may scratch the elements. When cleaning the rear view mirror, spray cleaner on the towel or rag that you are using. Do not spray cleaner directly on the mirror. Labels can be peeled off after soaking with warm water.



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When cleaning is performed, keep all metal objects at a safe distance from the window.

Cleaning Headlights

Your vehicle has plastic headlights that are lighter and less susceptible to stone breakage than glass headlights.

Plastic is not as scratch-resistant as glass and therefore different lens cleaning procedures must be followed.

To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

Do not use abrasive cleaning components, solvents, steel wool or other aggressive material to clean the lenses.

Condensation and Fogging on the Light Clusters

With cold or humid climate, after a driving rain or after cleaning the car, the surface of the front and rear light clusters could fog and/or form condensate drops on the inside. This is a natural phenomenon due to the temperature and humidity difference between the lens internal and external surface, which nevertheless does not indicate a fault and does not

compromise the regular operation of the lights.

The condensation disappears while driving with the lights on, starting from the center of the diffuser and gradually moving to the edges.

Mouldings and Aluminium Trims

- For cleaning mouldings and aluminium trims, avoid the use of acidic or alkaline cleaning agents that can destroy the protecting surface treatment.
- After washing aluminium trim with warm water, apply the cleaning agent with a clean tissue or a soft sponge on the surface. Do not use any other equipment such as brushes, steel wool, abrasives or any other equipment for cleaning.
- After cleaning, please rinse the aluminium trim with a lot of clear water.
- While cleaning in the car wash please make sure that the mouldings and aluminium trims only gets contact with soft brushes or textiles.

Front Electric Motor Compartment

Washing the electric motors is not recommended. If it is absolutely necessary, follow the instructions below:

- washing is only allowed at low pressure;
- washing must take place with the electric motors cold and the ignition device in the **STOP** position;

- take care not to direct the water jet directly onto the electronic control units, connectors and orange cables, including the areas adjacent to them (high-voltage circuit) and venting valves.

Have this operation performed by a specialised workshop.

After washing, check that the various protective components (e.g. rubber guards and caps) have not been removed or damaged.

Care of the Soft Top (only for GranCabrio)



CAUTION!

Do not leave the soft top in the open (folded) position for extended periods of vehicle storage, to avoid permanent damage to the soft top fabric, including soiling and fading along folds.



CAUTION!

The organic acids in birds lime can adversely affect the soft top fabric.

- Always remove birds droppings as soon as possible.

The appearance and service life of the soft top depend on proper care and operation.

Observe the following notes:



- To avoid water stains, spots of mould and chafe marks, do not fold up the soft top or stow it in its compartment when it is wet or frozen.
- If any water stains appear on the headliner, remove them using a microfibre cloth and an interior cleaner.
- Ensure that there is adequate ventilation if storing for extended periods in enclosed spaces.
- Park the vehicle in the shade to protect against strong sunlight, so that paint, rubber and textiles are not affected.
- Bird droppings or other biological residues, such as tree resins and tar stains, should be removed immediately. We recommend using a mild soap solution applied with a soft brush.
- Remove bird droppings immediately, otherwise the corrosive effect attacks the soft top and damages the rubber seals.
- Remove dried-on tree resin or bird droppings from the roof with a special tree resin remover and a soft brush.
- It is not advisable to use conventional household stain removers.

Cleaning the Soft Top



CAUTION!

Brushes, detergents and pressurized water jets may damage the roof fabric. Jets of water may damage the weather seals and the soft top fabric.

A hard brush will damage the fabric fibres.

Do not use automatic vehicle washes, to avoid permanent damage to the soft top fabric may occur including soiling and fading along folds.

Do not use power washer.

Do not use spot cleaners, chemicals diluent or any organic cleaners.

Do not use a hard brush.

If in doubts, contact the **Maserati Service Network**.

To maintain the appearance and condition of the soft top fabric the cleaning recommendations given below should be followed. This is of particular importance in the case of light coloured soft top fabric.

It is advisable to use the procedure for cleaning the soft top in automatic car wash stations only if a special "soft top washing program" can be selected. Dust and dirt can be easily removed from soft tops with a soft brush and water

– always brush in the direction of the fabric grain, from front to back. Particularly stubborn dirt can be easily removed with a common household steam cleaner. This comes with a pleasant side effect: If used properly, it substantially diminishes ingrained creases and wrinkles in the soft top fabric.

In general, soft tops should not be cleaned with high-pressure water jets. The high pressure could damage the fabric and seals of the soft top. Dust and dirt damage the seals and may result in irritating creaking noises. Lint or fluff that may cling tenaciously to the soft top fabric after frequenting a car wash using fleece cloths, can be easily removed with a conventional garment lint roller.

The hot wax treatments common in car wash facilities damage the fabric and can result in premature aging of the material.

"Car Wash" Mode

To move the vehicle in tunnel washers, or generally move with electric motors off, you can use the following mode.

- Vehicle must be on level ground, stationary or moving up to 1 km/h (0.6 mph).
- Move the transmission in N (Neutral) mode.



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- The brake pedal pressed or not pressed.
- Turn the electric motors off by pressing the **START/STOP** button.

Through these steps, the driver's door must be closed. This condition will persist for about 15 minutes, the transmission will switch to P (Park) mode once time has expired.

In case of low-battery voltage the transmission can be placed in P (Park) mode before this time has expired.

NOTE:

If the driver wants to leave the vehicle, the EPB should be released if automatically applied leaving the vehicle.



WARNING!

- **The vehicle will always stay in N (Neutral) mode during this procedure without pressing the brake pedal. To avoid accidental movement, always check that the movement of the vehicle take place only on a flat surface.**
- **DO NOT USE this mode to haul the vehicle because after a period of time the transmission will be set automatically in P (Park) mode. If this**

occurs when the vehicle is moving the transmission can be damaged.

For further information, it's recommended to see chapter "Towing a Disabled Vehicle" in section "In an Emergency".

Interior Maintenance and Care

Interior trim should be cleaned starting with a damp cloth. Do not use harsh cleaners.

The leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils stains can be removed easily with a soft cloth and appropriate products. Avoid soaking the leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia-based cleaners to clean your leather upholstery. Application of a leather conditioner is not required to maintain the original condition.

Check at regular intervals that there is no water trapped under the mats (due to drips off shoes, umbrellas etc.) which may cause the metal parts to oxidize.



CAUTION!

Do not use alcohol, petrol or solvents to clean the instrument cluster's transparent dome, the MIA display, the digital clock and the leather upholstery. We recommended the use of "Car Care" products approved by Maserati for the maintenance and care of the interior.

Leather Upholstery Treatment

Have the leather upholstery only treated, as provided in the Scheduled Service Plan, by the **Service Network** which has the required specific products.

Econyl Upholstery Treatment

- Never use steam cleaning.
- Vacuum up dirt such as crumbs or dust and then use a damp microfiber cloth and a 1% soap solution to clean the entire seat cover. Do not spot clean.
- Use cleaning and care products recommended for Maserati.
- Do not use oil-based cleaning and care products.
- Clean synthetic material regularly with a damp microfiber cloth or vacuum cleaner.

Otherwise, dust and road grime particles will rub into pores and folds, causing significant abrasion and premature degradation of the surface. In case of major soiling, use a moist

soft sponge or microfiber cloth with suitable interior cleaners.

Immediately remove aggressive substances such as sunscreen to prevent the synthetic leather from being altered or discolored.

- To avoid to wet the seat in order to avoid damages to seat electronic components.
- Do not dry seat with Seat Heating system.

Parts in Premium Quality Wood

Remove any dirt with a buckskin leather or damp cloth.

Maserati Intelligent Assistant™ and Comfort Display Touch Screen

- Do NOT attach any object to the touch screen, doing so can result in damage to the touch screen.
- Do not touch the screen with any hard or sharp objects (pen, USB stick, jewelry, etc.) which could scratch the touch screen surface.
- Do not spray any liquid or caustic chemicals directly on the screen! Use a clean and dry micro fibre lens cleaning cloth in order to clean the touch screen. If necessary, use a lint-free cloth dampened with a cleaning solution, such as isopropyl alcohol, or an isopropyl alcohol and water solution

ratio of 50:50. Be sure to follow the solvent manufacturer's precautions and directions.

- Prevent any liquid from entering the system: this could damage it beyond repair.

NOTE:

The **Maserati Service Network** can provide you with any information about the Maserati approved "Microfiber Cloth", available in the "Genuine Accessories" range.

Car Cleaning and Sanitizing

According to what is prescribed by the health authorities in each country, after using the car it is necessary to clean all surfaces that may have been touched by other people (example: steering wheel, transmission buttons, air vents, seat belts, keys, handles, etc.).

To carry out this operation safely and correctly, trying to avoid possible damage to the internal surfaces of the car, here are some useful tips:

- perform the operation if possible outdoors or in any case in a sufficiently ventilated area;
- wear all personal safety devices: gloves, mask and goggles using new or sanitized devices;
- clean the surfaces with a microfiber cloth moistened with an alcoholic sanitizing solution, avoiding to apply



or spray said solution directly on the surface. The use of hydrogen peroxide, bleach and disinfectant is not recommended as they can develop too aggressive action on leather and plastic;

- check the air conditioning filter and sanitize the vents that circulate the air in the passenger compartment;
- vacuum the dust from the upholstery and the mats, or wash them with the appropriate detergent products.

A good habit to take, is to always have clean hands, both before and after driving, as it will help to keep the steering wheel and other surfaces more frequently touched inside cleaner car.

Vehicle Stored for Long Periods

If the vehicle is going to be stored for long period of time, you need to check first the 12 V battery charge status and that of the 800 V battery (see the charge status in the gauge in the bottom part of the right dial or "Functions of Electric Vehicle Menu on MIA" in section "Dashboard Instruments and Controls", or visualizing the "Charging Screen Status" main menu).

Following the below precautions:

- Wash and dry the vehicle thoroughly.
- Store the vehicle on a level surface in a covered, dry and, if possible, ventilated area.
- Select P (Park) mode and turn off the electric motors.
- Check that the parking brake is NOT engaged.
- Connect the vehicle to a charging port (refer to paragraph "Maintaining Battery Charge" of chapter "Battery Status and Maintenance" in this section).



CAUTION!

Avoid that the traction battery runs down completely. Leave a capacity reserve in the traction battery (for a stationary vehicle the loss of charge is equivalent to 1% per week), or connect it to the socket to keep it charged. Pay attention as a completely discharged traction battery can be irreparably damaged.

- Below a 20% state of charge of the 800 V battery, the vehicle may not implement the charge maintenance logic of the 12 V battery. In order to avoid this behaviour, it is recommended to maintain a state of charge of the HV battery above 20%.
- During parking, battery's charge status must be carried out every three weeks. Recharge the battery if the open circuit voltage is lower than 12.2 V.
- Do not empty the cooling system.
- Clean and protect the painted parts applying protective wax.
- Clean and protect polished metal parts with special products available on the market.
- Talc the wiper blades and raise them from the windshield and rear windows.
- Only for GranCabrio, close the soft top (refer to chapter "Soft Top" in section "Understanding the Vehicle").



- Cover the vehicle with a long cloth in breathable fabric (available from the **Maserati Service Network**). Do not use thick plastic sheets, which do not allow the humidity on the vehicle surface to evaporate.
- Inflate the tires up to a pressure which must be 1 bar (14.5 psi) higher than the normally prescribed one, and check it at regular intervals.
- If vehicles are left stationary for a few days, the ride height may be reduced. Due to that is recommended to park the vehicle on flat surface without uneven surface (Rocks, sidewalks, steps, etc.) under it.
- The upholstery is made of natural leather. In order to prevent its deterioration, it is strongly recommended that the car be stored in a protected place, away from prolonged exposure to sunlight, temperature and humidity changes.

NOTE:

- The **Maserati Service Network** can provide you with any information about the available “Indoor and Outdoor Car Covers”, available in the “Genuine Accessories” range.
- Every 3 months, be sure to fully recharge the traction battery starting

from a charge level of less than or equal to two bars.



CAUTION!

- A traction battery constantly charged to 100% (recharged after each short journey) can be permanently damaged. Use the recommended MASERATI charging cable. Charging cables and individual charging stations must meet the Manufacturer's specifications. Public charging stations must be certified and must comply with the standards and regulations in force.
- If the charging cable or control unit is damaged, immediately interrupt the process. For replacement, or in case of doubts, contact the Service Network.



WARNING!

The tire pressure must be brought back to the prescribed value before operating the vehicle (see chapter “Tire Inflation Pressure” in section “Technical Specifications”).

Restarting the Vehicle after a Long Inactivity

Before restarting the vehicle after a long period of inactivity, we recommend that you carry out the following operations.

- Check the tires for pressure and for any damages, cuts or cracks. If this is the case, have them replaced.
- Do not dry-rub the external surface of the vehicle: use a damp cloth.
- Visually inspect if there are any fluid leaks (brake and transmission fluid, refrigerant etc.).
- Check the fluid levels in the brake system, as well as the refrigerant level.
- Disconnect the vehicle from a charging port (refer to paragraph “Maintaining Battery Charge” of chapter “Battery Status and Maintenance” in this section).
- If vehicles are left stationary for a few days, the ride height may be reduced. The vehicle automatically re-adjusts to the correct ride height when operational readiness is established. This can take several minutes depending on the vehicle state.
- With the transmission in N (Neutral) mode, let the electric motors idle for several minutes.

In this way, the pneumatic suspension system will be able to reach the



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operating pressure and lift the car to the normal height.



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Dimensions

	GranTurismo FOLGORE	GranCabrio FOLGORE
Wheel base	2929 mm (115.3 in)	2929 mm (115.3 in)
Overall length	4960 mm (195.28 in)	4966 mm (195.51 in)
Overall width without mirrors	1957 mm (77.05 in)	1957 mm (77.05 in)
Overall width with mirrors	2113 mm (83.19 in)	2113 mm (83.19 in)
Front track	1649 mm (64.92 in)	1649 mm (64.92 in)
Rear track	1660 mm (65.35 in)	1660 mm (65.35 in)
Front overhang	949 mm (37.36 in)	949 mm (37.36 in)
Rear overhang	1081 mm (42.56 in)	1088 mm (42.83 in)
Overall height	1375 mm (54.13 in)	1365 mm (53.74 in)
Ground clearance	100 mm (3.93 in)	100 mm (3.93 in)
Boot compartment volume	270 l (59.4 UK gal)	151 l (33.22 UK gal) (1) 114 l (25.08 UK gal) (2)
NOTE (1) Cargo spacer in horizontal position. (2) Cargo spacer in vertical position.		



Weights

Weight Data

NOTE:

The specifications described can change without prior notification.

	GranTurismo FOLGORE	GranCabrio FOLGORE
Unladen vehicle weight (with tanks filled, tools and accessories)	2260 kg / 4982 lb (*)	2340 kg / 5159 lb (*)
Total Gross Vehicle Weight Rating (GVWR) - Total	2730 kg / 6019 lb	2790 kg / 6151 lb
Front axle Gross Vehicle Weight Rating (GVWR)	1286 kg / 2835 lb	1300 kg / 2866 lb
Rear axle Gross Vehicle Weight Rating (GVWR)	1444 kg / 3183 lb	1490 kg / 3285 lb
NOTE (*) Base configuration without optionals.		

Cargo Area Weights

	GranTurismo FOLGORE	GranCabrio FOLGORE
Maximum allowable load on the floor of the boot	110 kg (242 lb)	110 kg (242 lb)
Maximum static load on the rear parcel shelf	4 kg (9 lb)	4 kg (9 lb)



Electric System Data

NOTE:

The technical data, values and specifications in this publication are provided as guidance only. The vehicle specific data can vary from the information provided, for example, as a result of optional or special equipment ordered with the vehicle, vehicle loads, and country specific measurement methods.

Electric Motors

Data	GranTurismo FOLGORE / GranCabrio FOLGORE
Electric Motors	3 x 300 kW radial motors
Drive type	AWD with Torque Vectoring
Maximum power output (EC)	560 kW – 761 CV
Peak and overboost torque (EC)	1350 Nm – 137.7 kgm

High Voltage Battery

Data	GranTurismo FOLGORE / GranCabrio FOLGORE
Nominal Voltage	701 V
Vehicle Classification	800 V
Nominal Energy	92,5 kWh (83 kWh usable)
Maximum power output (EC)	610 kW – 829 CV (with Max Boost)
Maximum charging power – Fast Charge – 800 V	270 kW
Maximum charging power – Fast Charge – 400 V only with DCBC 	50 kW
Maximum charging power – AC Charge	22 kW



Vehicle Data

Brakes

Self-ventilating disc brakes on the four wheels. The Electric Parking Brake (EPB) acts on the rear wheels.

	GranTurismo FOLGORE / GranCabrio FOLGORE
Front disc diameter	Drilled and ventilated disc: 380 mm (15 in)
Rear disc diameter	Drilled and ventilated disc: 350 mm (13.8 in)

Transmission

One-speed transmission.

Front gear ratio = 6.9

Rear gear ratio = 7.2

Suspension

Front suspensions with double wishbone independent wheels.

Multilink system rear suspensions on independent wheels.

The air suspension system features air spring units at both axles and a open air supply unit.

Steering

Steering diameter = 12.4 m (13.56 yds).

No. of steering wheel turns = 1.13 (to the left and right).



Performance Data

NOTE:
The specifications described can change without prior notification.

	GranTurismo FOLGORE	GranCabrio FOLGORE
Maximum speed	325 km/h (202 mph)	290 km/h (180 mph)
Accelerations from 0 to 100 km/h	2,7 seconds	2,8 seconds

NOTE:
Range to empty may vary depending on the driving conditions (such as outside temperature).



Wheels and Tires

NOTE:

- For all the necessary information on rims and tires that can be installed on the car, please contact the Maserati Service Network or Customer Care service.
- Maserati recommends Maserati Genuine Tires marked with “MGT” logo specifically designed for its models.
- In order to maintain high performance and safety level, Maserati recommends to use tires equivalent to the original size.
- In case of staggered tires, front and rear rims cannot be swapped.
- 21" rear tires can be only equipped with snow socks.



WARNING!

- The maximum speed reachable with the tires is indicated by the tire manufacturer. Always comply with the regulations in force in the Country you are driving in.
- Never exceed the maximum speed and load capacity indicated for the tires: failure to respect the max. speed may damage these tires. Danger: risk of accident!

Approved Tires

Wheels		
Tire Dimension	Rim Size and Type	Load and Speed Index (*)
265/35 ZR (front) (Summer Tires) 265/35 R (front) (Winter Tires)	20"	(99 Y) XL (Summer Tires) 99 V XL (Winter Tires)
295/30 ZR (rear) (Summer Tires) 295/30 R (rear) (Winter Tires)	21"	(102 Y) XL (Summer Tires) 102 V XL (Winter Tires)
(*) The indicated load and speed index are the minimum homologation requirements: it is possible that the car is equipped with tires having higher index. Always check the registration certificate for the tyres that can be installed (size, load index, speed symbol).		



Tire Inflation Pressure

NOTE:

- For more information about the pressure check methods, see “Tires Information” in section “Understanding the Vehicle”.
- On vehicles of Australian and New Zealand market the tire inflation pressure values are also indicated on the rear driver door's ledge.
- For the spare wheel, please consider a tire inflation pressure of 300 kPa (3,0 bar - 44 psi). Do not exceed 80 km/h (50 mph).



WARNING!

- Improperly inflated tires are dangerous and can cause collisions.
- Under-inflation increases tire flexing and can result in tire overheating and failure.
- Over-inflation reduces a tire's ability to cushion shock. Objects on the road and potholes can cause damage that result in tire failure.
- Over-inflated or under-inflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.
- Unequal tire pressures can cause steering problems. You could lose control of your vehicle.
- Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.
- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Cold tire inflation pressure are listed below.

Summer Tires (GranTurismo)	Position on the Car	Tire Pressure
Low Speed < 270 km/h (168 mph)	Front Wheel (20")	300 kPa (44 psi - 3 bar)
	Rear Wheel (21")	300 kPa (44 psi - 3 bar)
High Speed > 270 km/h (168 mph)	Front Wheel (20")	340 kPa (50 psi - 3,4 bar)
	Rear Wheel (21")	340 kPa (50 psi - 3,4 bar)

Winter Tires (GranTurismo)	Position on the Car	Tire Pressure
For Speed ≤ 240 km/h (149 mph)	Front Wheel (20")	300 kPa (44 psi - 3 bar)
	Rear Wheel (21")	300 kPa (44 psi - 3 bar)

NOTE
Do not exceed speed higher than the reference speed (240 km/h).



Summer Tires (GranCabrio)	Position on the Car	Tire Pressure
Low Speed < 250 km/h (155 mph)	Front Wheel (20")	300 kPa (44 psi - 3 bar)
	Rear Wheel (21")	300 kPa (44 psi - 3 bar)
High Speed > 250 km/h (155 mph)	Front Wheel (20")	340 kPa (50 psi - 3,4 bar)
	Rear Wheel (21")	340 kPa (50 psi - 3,4 bar)
Winter Tires (GranCabrio)	Position on the Car	Tire Pressure
For Speed $\leq$ 240 km/h (149 mph)	Front Wheel (20")	300 kPa (44 psi - 3 bar)
	Rear Wheel (21")	310 kPa (45 psi - 3,1 bar)
NOTE Do not exceed speed higher than the reference speed (240 km/h).		



Refilling Table

NOTE:

Maserati reserves the right to change or revise specifications without prior notification.



CAUTION!

To guarantee vehicle's integrity and maintain performance level Maserati recommends to use Maserati genuine products.

Refilling and Recommended Products

Parts to be refilled	Quantity	Product specifications
Front e-axle oil capacity	1,3 litres / 0,29 UK gal	Recommended fluid: Petronas IONA INTEGRA PLUS (SAE 75W-70, API GL-4, premium, fully synthetic, multi-vehicle E-Transmission Fluid)
Rear Right Electric Motor oil capacity	0,75 litres / 0,16 UK gal	
Rear Left Electric Motor oil capacity	0,80 litres / 0,18 UK gal	
Windshield washer fluid tank	3,2 litres/0,7 UK gal	Mix of water and detergent fluid, in the proportions indicated on the product package If the temperature is below -20°C (-4°F), use pure detergent fluid Detergent fluid: Mix of CUNA NC 956-II surfactants and alcohols Recommended fluid: WÜRTH Windshield Washer Fluid with antifreeze or AREXONS DP1



Parts to be refilled	Quantity	Product specifications
Cooling circuit	21,8 litres/ 23,04 UK Gal (without DCBC) 22,3 litres/23,56 UK Gal (with DCBC)	Mixture of water and coolant, proportionally 50/50% Coolant: protective, antifreeze action and ethylene glycol-based with organic inhibitors ASTM D 2570 ASTM D 2809 ASTM D 3306 ASTM D 4340 SAE J 1034 CUNA NC 956/16. MS.90032 Recommended fluid: Petronas Paraflu UP or Shell Long Life OAT
Braking system	0,8 litres/0,16 UK gal +/- 4%	Synthetic fluid FMVSS 116 DOT 4 ISO 4925 Class 4 SAE J1703 SAE J1704 CUNA NC 956-01 Recommended fluid: Petronas Tutela TOP 5 FF (Extreme HT) or Petronas Tutela TOP EVO  CAUTION! For each oil refilling and/or replacement, please contact the Service Network .
Air conditioning system	850 g +/- 20 g; 1,874 lb +/- 0,044 lb;	Refrigerant: r1234yf
	160 g / 0,353 lb	First equipment oil: POE Ze-Gles RB100EV-01 (1)
Soft top hydraulic system (only for GranCabrio)	5,07 kg/11,18 lb max vol 380 ml/13,38 oz	First equipment oil: Oil Castrol Hyspin 4004 (SAE, NSF, JASO)
(1) No change and/or topping up expected in scheduled maintenance.		





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Publication no. 910044929 - 6th Edition - 09/2025

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910044929



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