Maserati

GranTurismo

Owner's manual

WARNING:

Operating, servicing and maintaining a passenger vehicle or off-highway motor vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to: http://www.P65Warnings.ca.gov/passenger-vehicle"www.P65Warnings.ca.gov/passenger-vehicle.

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 addiction, 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 your **Authorized Maserati Dealer**: 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.
All documentation is also available at **https://ownerdocumentation.maserati.com**.

1 - Introduction

On-board Documentation Kit

On board there are various documents 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.
These documents are contained in a kit placed in the dashboard glove box.
The kit inside the dashboard glove box contains the Warranty Card, the Maserati Intelligent Assistant™ (MIA) information booklet, the Regulatory Information and this manual..
Depending on the equipment chosen, the market, etc., the kit may contain other additional documents.

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 your **Authorized Maserati Dealer**.

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 all versions 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 **wwww.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 gasoline motorization models.
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!
Describe operating procedures that could result in a bodily injury and/or death.

ENVIRONMENTAL!
This note indicates the correct behavior when using the vehicle to protect the environment.

CAUTION!
Describe procedures that could result in damage to your vehicle.

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

Optional Equipment and Versions/Markets Validity

In addition to the standard equipment, this manual also describes optional parts and accessories which are identified in the title and /or text by this symbol alongside in brackets.

Optional equipment and also some functions or systems are not available in all vehicle versions and may only be available in certain markets. In these cases, the equipment or the function/system 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 base version. On other versions, some part or equipment may differ from those shown in the images.
- "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 "Comfort" drive mode – however the indications given are also valid for the version in MPH and other layout.

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.
AQS	Air Quality Sensor.
ATC	Automatic Temperature Control.
AVH	Auto Vehicle Hold.
AWD	All-Wheel Drive.
BAS	Brake Assist System.
BSA	Blind Spot Assist.
BTO	Brake Throttle Override.
CAN	Controller Area Network.
CC	Cruise Control.
CRS	Child Restraint System.
DDD	Drowsy Driver Detection
DRL	Daytime Running Lights.
EBD	Electronic Brake-force Distribution.
ECU	Electronic Control Unit.
EDR	Event Data Recorder.
ELK	Emergency Lane Keeping.
EPB	Electric Parking Brake.
EPS	Electric Power Steering.
ESC	Electronic Stability Control.
ETC	Electronic Throttle Control.
FCW	Forward Collision Warning.
HBA	Hydraulic Brake Assistance.
HSA	Hill Start Assist.
HUD	Head Up Display.
ISA	Intelligent Speed Assist.
LATCH	Lower Anchors and Tether for CHildren.
LSD	Limited Slip Differential.
MIL	Malfunction Indicator Light.
MIA	Maserati Intelligent Assistant.
OBD	On-board Diagnostics.
ORC	Occupant Restraint Controller.
ORS	Occupants Restraint Systems.

PEB	Pedestrian Emergency Braking.
RAB	Ready Alert Braking.
RCP	Rear Cross Path.
RHD	Right-Hand Drive.
RKE	Remote Keyless Entry.
ROM	Roll-Over Mitigation.
SAB	Side AirBag.
SABIC	Supplemental Side AirBag Inflatable Curtains.
SBR	Seat Belt Reminder.
SL	Speed Limiter.
SRS	Supplemental Restraint System.
TCS	Traction Control System.
TPMS	Tire Pressure Monitoring System.
TSA	Traffic Sign Assist.
TSM	Trailer Sway Mitigation.
VIN	Vehicle Identification Number.

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 advise to have all service and inspections completed only by an **Authorized Maserati Dealer**, where you will find a specially trained staff and the proper equipment to repair your vehicle.
Please visit the **www.maserati.com** to find the nearest **Authorized Maserati Dealer**.
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 components or accessories not approved by Maserati may interfere with the vehicle electronics and compromise driving safety and possibly voiding the warranty coverage.
Nor do the warranties cover the costs of repairing damage or conditions caused by any changes to your vehicle that do not comply with Maserati's specifications.

An **Authorized Maserati Dealer** is at your complete disposal for any information and questions you may have.

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.

Optimize 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 **Authorized Maserati Dealers/Service Centers**, 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 **Authorized Maserati Dealers/Service Network** centers set the highest priority to the client's satisfaction with the products and services.

Warranty service must be performed by an **Authorized Maserati Dealers/Service Center**.

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 Center, it is their responsibility to assist you.
- If a Service Center is unable to resolve the issue, you may contact by phone or mail the **Maserati Customer Care**.

Any communication to the **Maserati Consumer Affairs** should include the following information:

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

Contact:

MASERATI North America, Inc.
One Chrysler Drive
Auburn Hills,
MI 48326
Phone:

Maserati Customer Care
1–877–MY-MASERATI (877–696–2737)

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.

Parts Service

Genuine Maserati parts keep the reliability, comfort and performance of your new car unchanged throughout its life.

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.

Aftermarket Parts & Accessories Statement

Modification of the vehicle or installation of any accessory or components attached to the vehicle which alters the original engineering and/or vehicle operating specifications, or which result in damage to the other original components, electrical interference, electrical short(s), radio static, water leaks and wind noise may result in damage to genuine components, compromise the safety of the vehicle and may affect the validity of the new car warranty on the vehicle.

Non-genuine Maserati Parts

Non-genuine Maserati Parts (while you may elect to use non-genuine Maserati parts for maintenance or repair services), Maserati North America, Inc. is not obligated to pay for repairs that include non-genuine Maserati parts or for any damage resulting from the use of non-genuine parts. Maserati will not accept any liability for any parts and accessories not approved by Maserati, including Dealer-installed accessories not distributed by Maserati North America, Inc.

Maserati Roadside Assistance Program (available for USA and Canada only)

Welcome to Maserati and the benefits and security of the Maserati Roadside Assistance Program. Please take a moment to review the benefits listed below and available to you through the Maserati Roadside Assistance Program.

Emergency Roadside Services

In the event you require Roadside Assistance, please call 1-888-371-1802, 24 hours a day, 365 days a year. You will be connected with a Roadside Assistance representative who will dispatch a local towing vendor.

Information needed for when you call

When you call, please be prepared to provide the following information:

- Your Name.
- Vehicle Identification Number (VIN).
- Location of your vehicle.
- Nature of your call (for example; you require a tow, vehicle will not start, out of gas, tire service, etc.).

Summary of Program Benefits and Services

- Towing of a disabled registered Maserati vehicle. In the event a registered vehicle becomes disabled in connection to a warranty related concern it will be transported to the nearest **Authorized Maserati Dealership** . You may request that the vehicle be taken to a different **Authorized Maserati Dealer** , as long as it is no more than 50 miles further away from the nearest authorized dealer (one tow per disablement).
- Battery jump start.
- Fuel delivery (up to 2 gallons).
- Lockout Services.
- Service Loaner Vehicle: For warranty repairs, your dealer may provide you with a Maserati Service Loaner Vehicle (if available) or provide you with Rental Car allowance: in the event your vehicle is disabled due to a warranty related concern, we will reimburse you up to $50 per day. A five (5) day or $250 maximum applies. In order to receive reimbursement, you must supply the following information within 20 days of the rental car transaction to the address listed below; the original pre-printed rental car receipt, which must include your name, address, telephone number, VIN, rental dates and the corresponding warranty repair order.

Maserati Roadside Assistance ATTN: Maserati Rental Car Claims Dept. P.O. Box 8140 Ft. Washington, PA 19034

NOTE:

An authorized licensed driver must be driving at the time of the disablement.

Items excluded from coverage:

- Parts, labor, tire repair, rental of towing equipment, storage fees, or any labor performed at the service facility.
- Any form of impound towing, or towing by someone other than a licensed service station or garage.
- Assistance from a private citizen.

NOTE:

Membership is intended to cover emergencies and is not intended to be a substitute for proper vehicle maintenance or repair. Repeated calls which are considered by Maserati North America, Inc. Signature Motor Club, Inc. or Signature Motor Club of California, Inc. to be excessive may, at our discretion, result in cancellation of the membership.

Emergency road service providers are independent contractors and are not employees, agents or representatives of Maserati North America, Inc. Signature

Motor Club, Inc. or Signature Motor Club of California, Inc.

Under this Agreement

- You will not be required to pay any sum for services up to the mileage limit on towing.
- Your registered Maserati vehicle is the vehicle covered. The Vehicle Identification Number (VIN) that appears on the vehicle represents your identification number with Signature Motor Club, Inc. or Signature Motor Club of California, Inc.
- NEW VEHICLES: Your membership begins on the date the Registered Vehicle was originally sold (in service date) and continues until the expiration date of the New Car Limited Warranty or unless terminated by Maserati North America, Inc. for cause.
- PRE OWNED VEHICLES: Your membership begins on the date the registered vehicle was sold (in service date) and continues until the expiration date of the Maserati Certified Pre-Owned Limited Warranty or unless terminated by Maserati North America, Inc for cause.

Address Inquiries to
General Inquiries:
Maserati Roadside Assistance
P.O. Box 968008
Schaumburg, IL 60173

Rental Car Reimbursements:
Within 20 days of your rental car transaction, the original pre-printed rental car receipt, which must include your name, address, telephone number, VIN, rental dates and the corresponding warranty repair order should be submitted to:
Maserati Roadside Assistance ATTN:
Maserati Rental Car Claims Dept.
P.O. Box 8140
Ft. Washington, PA 19034

Reporting Safety Defects

NHTSA's Toll-free Auto Safety Hotline

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Maserati North America, Inc.
If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.
However, NHTSA cannot become involved in individual problems between you, your dealer, or Maserati North America, Inc.
To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://www.safercar.gov; or write to: Administrator, NHTSA, 400 Seventh Street, SW., Washington, DC 20590.
You can also obtain other information about motor vehicle safety from http://www.safercar.gov.

Reporting safety defects in Canada
If you believe your vehicle has a defect that could cause a crash or could cause injury or death, you should immediately

inform Transport Canada in addition to notifying Maserati North America, Inc.
Transport Canada
ASFAD 330 Sparks Street Ottawa, ON K1A 0N5
Telephone: 819-994-3328 (Ottawa-Gatineau area or internationally) Toll free: 1-800-333-0510 (in Canada) Online: http://www.tc.gc.ca/recalls

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.

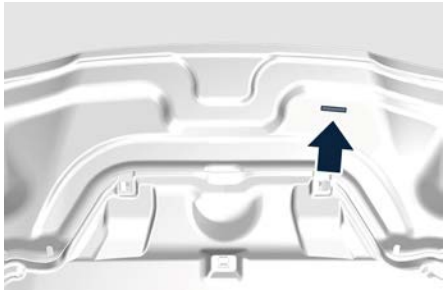
Engine Identification Number

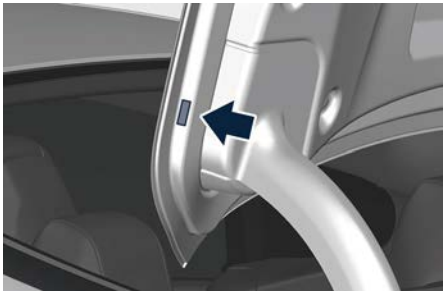
The engine's identification number is punched on the front side of the crankcase, in the lower area on the right hand side, near the front differential.

Warning and Homologation / Information Labels

Anti-theft Label on Moving Parts

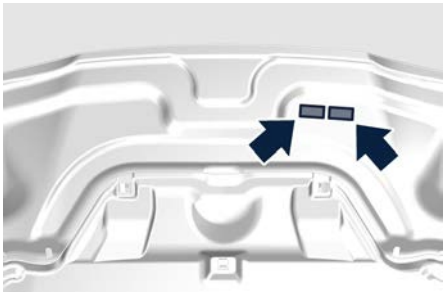
The labels are applied on the upper left side of the hood, on the doors frame (in the example shown the passenger side door) and on the left inner side of the trunk lid.





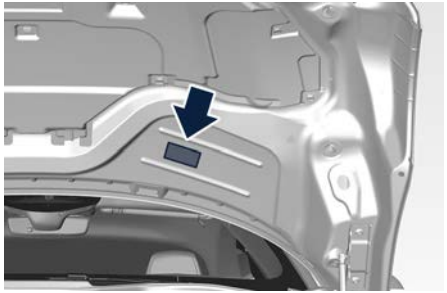
Overview Labels with Cautions and Warning Notes

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.



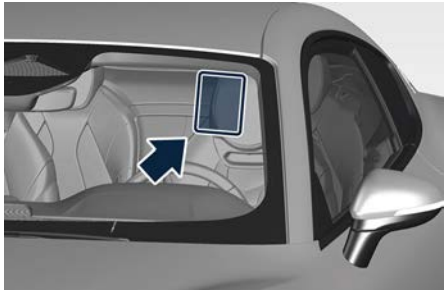
Vehicle Emission Control Information (VECI) Label

The label is applied on the lower left side of the hood.



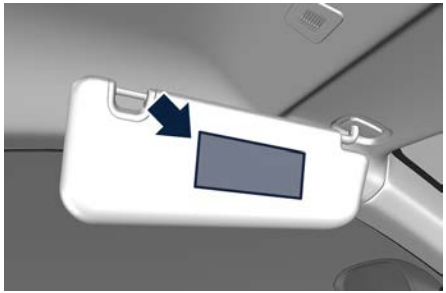
California Proposition 65 Warning Label

The label is applied on the upper left corner of the windshield.

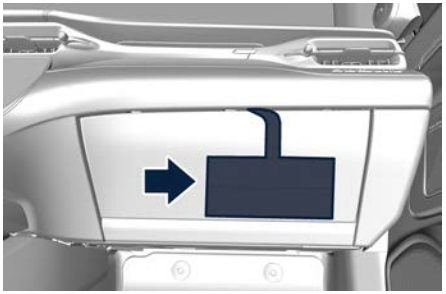


Passenger Airbag Labels

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



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



Danger Restart Engine with Hood Open Label

The label is applied on the upper side of the hood.

Loading Information Label

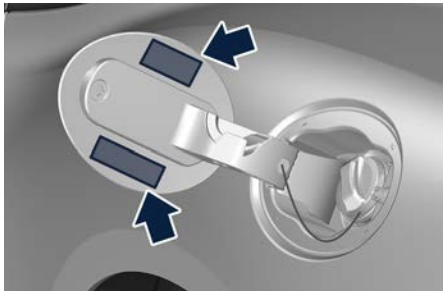
The label is fitted on the rear driver door's ledge.

Tire Information Label

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

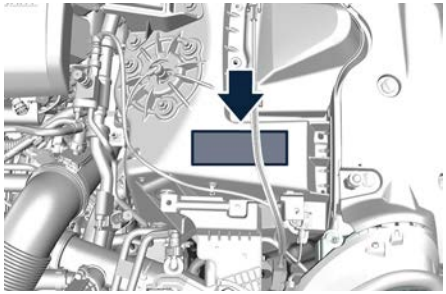
Fuel Warning Labels

The labels are applied inside the fuel filler door.



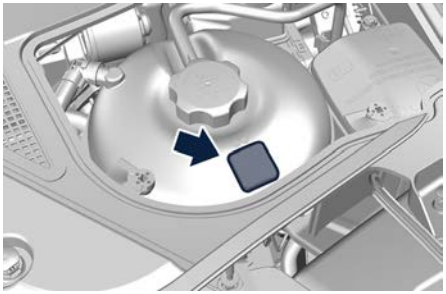
Air Conditioning System Fluid Label

The label is applied on the front left strut.



Engine Coolant Label

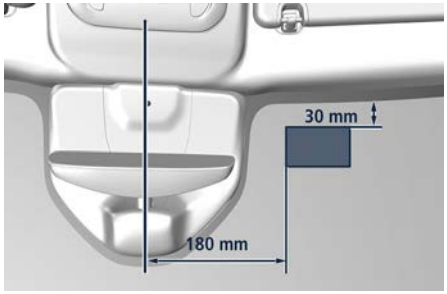
The label is applied on the engine coolant expansion reservoir, near the cap.



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 center line of the internal rearwiew mirror, shown in picture.



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

Symbol on/near Components

There are specific colored 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 engine off.

Coolant expansion tank
Do not open cap with engine warm.

Coil - Headlights
High voltage.

Belts and pulleys
Moving parts, keep body and clothing clear.

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

Engine - Engine Oil Refilling Plug
Engine oil. We recommend you use oil with the characteristics indicated in chapter "Refilling Table" in section "Technical Specifications".

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".

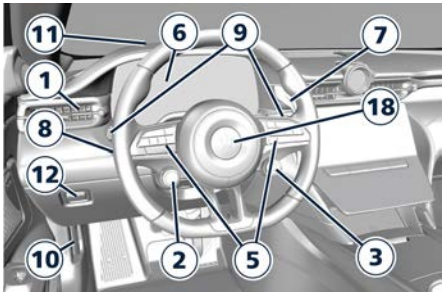
Radiator coolant expansion tank
Use antifreeze liquid for radiators with the characteristics indicated in chapter "Refilling Table" in section "Technical Specifications".

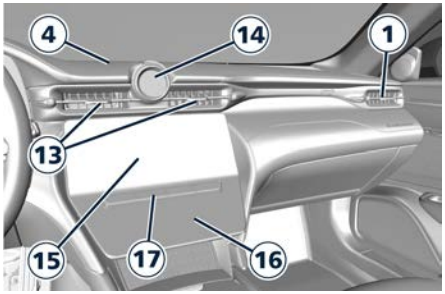
Windshield washer tank
Windshield washer. We recommend you use liquid with the characteristics indicated in chapter "Refilling Table" in section "Technical Specifications".

2 - Understanding the Vehicle

Main Controls Overview

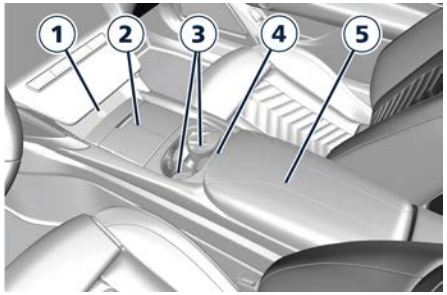
On Dashboard



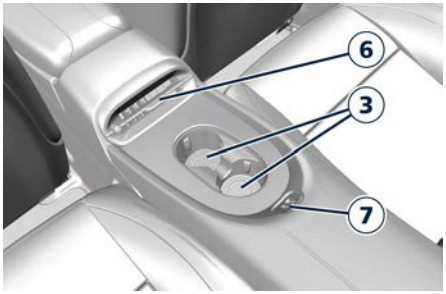


1 Adjustable side air outlets (page 81)
2 Engine **START/STOP** button (page 95)
3 Drive mode selector and suspension stiffness button (page 208)
4 Vehicle security alarm light (page 59)
5 Steering wheel controls (page 173)
6 Instrument cluster (page 127)
7 Right shift paddle + (page 204)
8 Left shift paddle – (page 204)
9 Multifunction lever (windshield wipers, headlight selection and turn signals) (page 176) and (page 182)
10 Hood release lever (page 121)
11 Head Up Display (HUD) (OPT) (page 139)
12 Electric parking brake lever (page 212)
13 Adjustable central air outlets (page 81)
14 Smart clock (page 184)
15 MIA display (page 155)
16 Comfort display (page 185)
17 Transmission button selectors (page 200)
18 Horn (page 28)

On Central Console



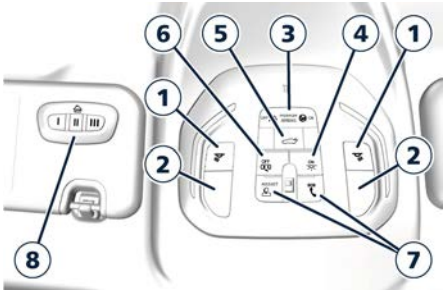
Central Console Front Part



Central Console Rear Part

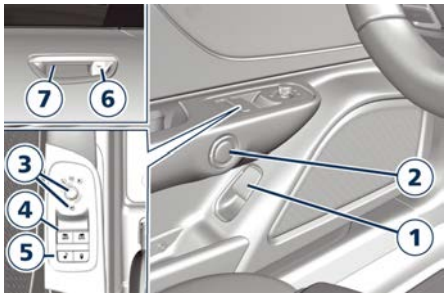
1 Wireless charger (OPT) (page 73)
2 Central tunnel compartment (page 72)
3 Cup holders (page 72)
4 Unlock button for rear central tunnel compartment (page 71)
5 Rear central tunnel compartment with USB ports (page 72)
6 Adjustable air outlets (page 81)
7 USB slot (page 72)

On Front Dome Console

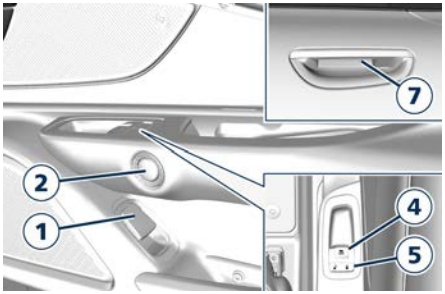


1 Reading lights control button (page 181)
2 Reading lights (page 181)
3 Passenger airbag deactivation warning light
4 Button to switch on passenger compartment lights (page 67)
5 Button to open fully/partially the power trunk lid (page 115)
6 Button to turn off compartment lights when doors are opened (page 67)
7 Button to activate the Assist Call or the SOS Emergency Call (🚗) (page 270)
8 HomeLink controls (page 82)

On Front Doors



Driver door



Passenger door

1 Internal emergency handle (page 100)
2 E-latch door button (page 100)
3 External rear view mirrors switches (page 112)
4 Power window switches (page 109)
5 Power doors lock/unlock buttons (page 101)
6 Door outboard manual opening lock (page 91)
7 External door handle (page 97)

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

equipped with the ESC electronic system and related subsystems. These allow, during braking, not to block the wheels while maintaining good maneuverability 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 airbags for driver and passenger.
- Supplemental seat-mounted side airbags.
- Supplemental Side AirBag Inflatable Curtains (SABIC) for the driver and front passenger.
- 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.

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. If you are carrying children too small for adult-sized seat belts, the seat belts or the Lower Anchors and Tether for CHildren (LATCH) function also can be used to hold infant and child restraint systems. For more information on LATCH, refer to “Lower Anchors and Tether for CHildren (LATCH)” in this section.

WARNING!

To help provide maximum protection, you are advised to keep the seatback in the most upright position possible and the seat belt close to your chest and pelvis. If the seat belt is loose, in the event of an accident you could move too far forward and could be injured. Traveling with the seatback too far reclined could also be dangerous: even if the seat belts are fastened, they may not work correctly. In fact, the belt itself may not be close enough to your body and, if it is in front of you, it could cause neck wounds or other injuries in an accident. Additionally, in an accident, the lower section of the belt could press against the upper part of your stomach rather than the pelvic area, causing serious internal injuries.

NOTE:

The advanced airbags have a multi stage inflator. This allows the airbag to have different stages of inflation based on the severity and type of collision.

Here are some simple steps you can take to minimize the risk of harm from a deploying airbag:

- Children 12 years old and under should always ride buckled up in a rear seat.

WARNING!

Infants in rear facing child restraints should never ride in the front seat of a vehicle with a passenger Advanced Front AirBag. An airbag deployment can cause severe or fatal injury to infants in that position. Do not use child seats or child booster cushions/backrests in the front passenger seat. Occupants in the front passenger seat must never sit on the edge of the seat, leaning toward the dashboard or otherwise sit out of position. The occupants' back must be as upright as comfort allows, and must rest against the seatback with the seat belt properly fastened. Feet must be on the floor (i.e. not on the dashboard, seat or out of the window).

Children that are not big enough to wear the vehicle seat belt properly (see "Child Restraints Systems (CRS)" in this section) should be secured in the rear seat in child restraints seats or belt-positioning booster seats. Older children who do not use child restraints seats or belt-positioning booster seats should ride properly buckled up in the rear seat. Never allow children to slide the shoulder belt behind them or under their arm.

The safest place for a child that has outgrown the child safety seat is in the rear seat using the standard seat belt in combination with a suitable booster seat if needed so the seat belt is properly located on the child.

You should read the instructions provided with your child restraint system to make sure that you are using it properly.

- **All occupants should always wear their lap and shoulder belts properly.**
- **The driver and front passenger seats should be moved back as far as possible to allow the Advanced Front AirBags room to inflate.**
- **Do not lean against the door or window. Your vehicle has Supplemental Side AirBag Inflatable Curtains (SABIC) and Supplemental Seat-Mounted Side AirBags (SAB), and if deployment occurs, the SABIC and SAB airbags will inflate forcefully into the space between you and the door.**
- **If the airbag system in this vehicle needs to be modified to accommodate a disabled person, contact an Authorized Maserati Dealer.**

WARNING!

- **Relying on the airbags alone could lead to more severe injuries in a collision. The airbags work with your seat belt to restrain you properly. In some collisions, the airbags won't deploy at all. Always wear your seat belt even though you have airbags.**
- **In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.**
- **Be sure everyone in your vehicle is in a seat and using a seat belt properly. Occupants, including the driver, should always wear their seat belts whether or not an airbag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash.**
- **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.

Seat belts are designed to be used by persons whose physical characteristics (age, height, weight) are provided for by established legislation in each country.

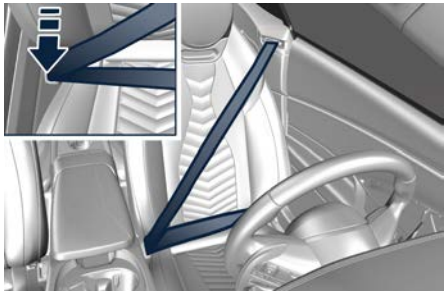
Anyone who does not comply with these provisions may not travel in the front passenger seat. This also applies to children. Their heads are proportionally heavier and larger than those of adults, while their bones and muscles are relatively undeveloped. To help protect them in case of a collision, they must use special restraint or safety systems, even in the rear seat area.

WARNING!

- **It is forbidden and dangerous to travel in a cargo area. In an accident, people traveling 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 your belt improperly 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 properly and to keep your passengers safe, too.**
- **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.**
- **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!

- **Do not bring sharp edges in contact with a seat belt. This could reduce their initial strength and cause them to tear in the event of a crash.**
- **If a seat belt has been brought in contact with a sharp edge, or there is a hole on it, have it immediately replaced by our Authorized Maserati Dealer.**
- **A belt that is latched 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 latch your belt into the corresponding buckle.**
- **A seat belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.**
- **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.**
- Position the lap belt so that it is snug and lies low across your hips, below your abdomen. 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.

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.**
- **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 an Authorized Maserati Dealer 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.**
- 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 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 an Authorized Maserati Dealer after an accident if they have been damaged (bent retractor, torn belt, etc.).

WARNING!

A seat belt extender is not an authorized modification. It can provide false seat belt usage status that disables the Drive Away Inhibit strategy and other important safety features of your Maserati. ONLY use a seat belt extender if it is physically required in order to properly fit the original seat belt system. DO NOT USE the seat belt extender if, when worn, the distance between the front edge of the seat belt extender buckle and the center of the occupant's body is LESS than 6 inches.
Using a seat belt extender when not needed can increase the risk of serious injury or death in a collision. Only use the seat belt extender when the lap belt is not long enough and only use in the recommended seating positions. When the seat belt extender is not required for a different occupant, it must be removed. Remove and store the seat belt extender when not needed.

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 0.5 to 1 ft (15 to 30 cm) 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.**
- **Traveling without the seat belts fastened significantly increases the risk of serious injury in the event of a collision, even with the airbags.**
- **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 airbags are designed to work together with the seat belts, not to substitute them. The front airbags 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 under 5 ft (1.5 m) 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 an Authorized Maserati Dealer 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.

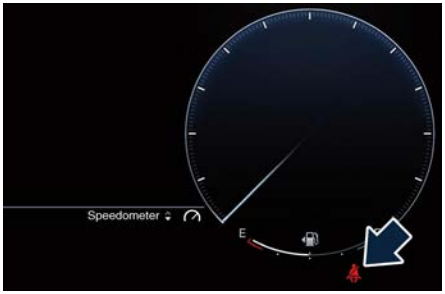
The system monitors whether the driver and passengers seat belts are buckled or unbuckled through warning light icons.

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 9 MPH (15 km/h) or more or equal 6 MPH (10 km/h) for more than 437 yds (400 m) or between 6 MPH (10 km/h) and 9 MPH (15 km/h) if previously unfastened for more than 50 seconds at a speed greater than 9 MPH (15 km/h), 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 and the message remains on for 5 seconds.

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 fetus 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.

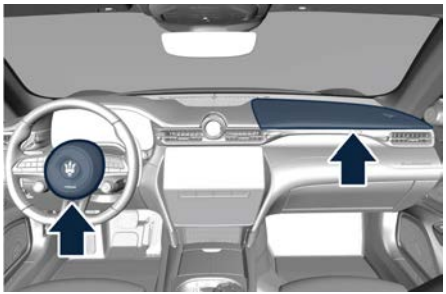
WARNING!

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

Supplemental Restraint System (SRS) - AirBags

This vehicle has advanced front airbags for both the driver and front passenger as a supplement to the seat belt restraint systems.
The driver's advanced front airbag is mounted in the center 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 airbag 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 airbags are certified to regulations for advanced airbags.



The advanced front airbags have a multistage inflator design. This allows

the airbag 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 airbags.
This vehicle is equipped with Supplemental Side AirBag Inflatable Curtains (SABIC) to protect the heads of front occupants. The SABIC airbags are located above the side windows and their covers are also labeled “AIRBAG”.
This vehicle is also equipped with Supplemental Seat-Mounted Side AirBags (SAB) for driver and passenger head thorax protection during a side impact. The Supplemental Seat-Mounted Side AirBags 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 an Authorized Maserati Dealer immediately.

AirBag System Components

Your vehicle is equipped with the following airbag system components:

- Occupant Restraint Controller (ORC);
- Airbag warning light on the instrument cluster;
- Steering wheel and column;
- Instrument cluster;
- Driver advanced front airbag;
- Passenger advanced front airbag;
- Supplemental Seat-Mounted Side AirBags (SAB);
- Supplemental Side AirBag Inflatable Curtains (SABIC);
- Front and side impact sensors;
- Seat belt buckle switch;
- Pyrotechnical charge to cut power from the battery; it is located on the positive battery terminal.

WARNING!

The airbag is not a substitute for the seat belts. Correct use of the seat belts, in combination with the airbag, will offer protection for the driver and passenger in the front seat in the event of a head-on collision.

Advanced Front AirBags Properties

The advanced front airbag system has multistage driver and front passenger airbags. 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 airbag deployment. This low output is used in less severe collisions. A higher energy output is used for more severe collisions.
The airbag system must be ready to protect you in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical AirBag System Components listed below:
The airbag system must be ready to protect you in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with electrical AirBag System Components listed below:

- Occupant Restraint Controller (ORC);
- Airbag Warning light on the instrument cluster;
- Steering Wheel and Column;
- Instrument Cluster;
- Driver advanced front airbag;
- Passenger advanced front airbag;
- Supplemental Seat-Mounted Side AirBags (SAB);
- Supplemental Side AirBag Inflatable Curtains (SABIC);
- Front and side impact sensors;
- Seat belt buckle switch;
- Seat track position sensors;

- Pyrotechnical charge to cut the power from the battery: it is located on the positive battery terminal.

The electronic control unit provides for the activation of front airbags or side airbags 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 airbags 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!

No objects should be placed over or near the airbag on the instrument panel or steering wheel because any such objects could cause harm if the vehicle is in a collision severe enough to cause the airbag to inflate.

WARNING!

Do not place anything on or around the airbag covers or attempt to open them manually. You may damage the airbags and you could be injured because the airbags may no longer be functional. The protective covers for the airbag are designed to open only when the airbags are inflating.

WARNING!

Always drive with your hands on the steering wheel rim, so that the airbag 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.

WARNING!

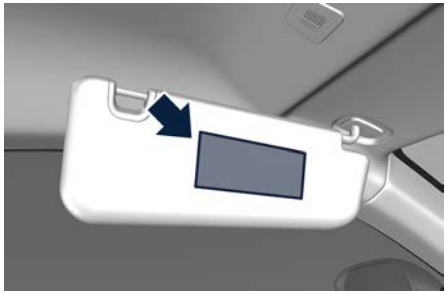
Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger's side airbag area, on roof side trims or on the seats to avoid malfunction of the air bag system.

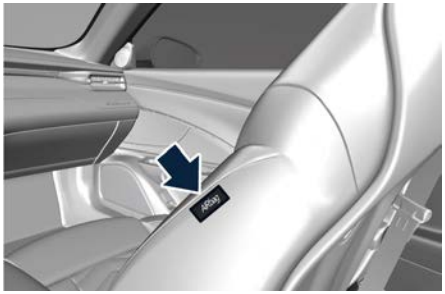
WARNING!

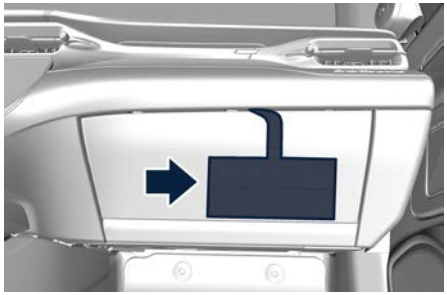
Do not travel with objects in your lap, in front of your chest or especially with a pipe, pencil or other objects in your mouth. In the event of a collision, the intervention of the airbag could result in serious injury.

WARNING!

EXTREME HAZARD! Do not place a rearward-facing infant seat onto the front seat (see warning plate on the dashboard and above the sun visors). Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision.







Supplemental Airbags

Supplemental Seat-Mounted Side AirBags (SAB)

Supplemental Seat-Mounted Side AirBags (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 airbag deploys, it opens the seam between the front and side of the seat's trim cover. Each airbag deploys independently; a left side impact deploys the left airbag only and a right side impact deploys the right airbag only.

Supplemental Side AirBag Inflatable Curtain (SABIC)

SABIC airbags are designed to protect the head of front occupants in the event of a side impact, thanks to the wide cushion inflation surface.
Each airbag features inflated chambers placed adjacent to the head of each outboard occupant that reduce the potential for side-impact head injuries. The SABICS deploy downward, covering both windows on the impact side.

WARNING!

- **Side airbags also need room to inflate. Do not rest your head, arms or elbows on the door, windows or the area in which the window bag is located to avoid possible injury during airbag inflation. Sit upright in the center of the seating area.**
- **Do not cover the front seatbacks with clothes or covers. Do not use accessory seat covers or place objects between you and the side airbags; the performance could be adversely affected and/or objects could cause serious injury.**
- **Do not add roof racks that require permanent attachments (bolts or screws) for installation on the vehicle roof. Do not drill into the roof of the vehicle for any reason.**

Airbag Deployment Sensors and Controls

Occupant Restraint Controller (ORC)

The Occupant Restraint Controller (ORC) determines if deployment of the front airbags and/or side airbags 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 airbags, SABIC and

SAB airbags, as required, depending on the severity and type of impact.
On top of what previously described, the characteristics of the collision registered by the sensors and sent to the control unit of the ORC can also cause a sudden cut of the power from the 12 V battery, “blowing” the pyrotechnical charge located on the positive battery terminal.

NOTE:
The control unit of the ORC cannot only activate the pyrotechnical charge but, when conditions require, it activates the pyrotechnical charge and the airbags simultaneously.

WARNING!
After a collision that has caused the blowing up of the pyrotechnical charge, this must be replaced at an Authorized Maserati Dealer.

Advanced front airbags 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 airbags are not expected to reduce the risk of injury in rear, side, or rollover collisions.
The advanced front airbags 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 airbags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.
The side airbags will not deploy in all side collisions. Side airbag deployment will depend on the severity and type of collision. Because airbag sensors measure vehicle deceleration over time, vehicle speed and damage merely are not good indicators of whether or not an airbag 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 airbag. The ORC monitors the readiness of the electronic parts of the airbag system whenever the ignition device is in the **ON** position.
If the ignition device is in the **STOP** position or not active, the airbag system is not activated and the airbags will not inflate.

Airbag Warning Light
The ORC contains a backup power supply system that may deploy the airbags even if the battery has low power or it becomes disconnected prior to deployment. When starting the vehicle, ORC turns on the airbag warning light on the instrument cluster for approximately 4 to 8 seconds for a test. After the test, the airbag warning light will turn off. If the ORC, during the diagnosis phase detects a malfunction that could affect the airbag system, it turns on the airbag 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 airbag warning light monitors the internal circuits and interconnecting

wiring associated with airbag system electrical components.

WARNING!

- **If the ignition device is in ON position, within 5 seconds from the engine is off and the vehicle is in complete stop, the airbags can be deployed in case of collision. For this reason, children must never occupy the front seat in a rearward facing seat even if the car is not moving. Deployment of the airbag following an impact could cause fatal injuries to the child. Please note that when the ignition device is in the STOP or ON position or is turned off, the airbag will not deploy in case of collision. Therefore, in these cases, lack of airbag deployment is not an indication of a system malfunction.**
- **Ignoring the airbag warning light and message in your instrument cluster could mean you won't have the airbags 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 engine, or if it comes on as you drive, have an Authorized Maserati Dealer service the airbag system immediately.**

Front AirBag Inflator Units

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

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

Supplemental Seat-Mounted Side AirBag (SAB) Inflator Units

The ORC unit determines if a side collision requires the side airbags to inflate, based on the severity and type of collision. Based on the severity and type of collision, the side airbag 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 airbag 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 airbag inflates. This especially applies to children.

Supplemental Side AirBag Inflatable Curtain (SABIC) Inflator Units

During collisions where the impact is confined to a particular area of the side of the vehicle, the ORC may deploy the SABIC airbags, depending on the severity and type of collision. In these events, the ORC will deploy the SABIC only on the impact side of the vehicle. A quantity of non-toxic gas is generated to inflate the side curtain airbag.

The inflating side curtain airbag pushes the head/s of the front occupant/s seating from the edge of the headliner out of the way and covers the window. The airbag inflates with enough force to possibly injure you if you are not belted and seated properly, or if items are positioned in the area where the side curtain airbag inflates. This especially applies to children.

The SABICs may also help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain rollover events (because equipped with rollover sensing).

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 airbag 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:
- cut off fuel to the engine;
- 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;
- disconnect the battery with a pyrotechnic charge.

AirBag Deployment Result
The advanced front airbags are designed to deflate immediately after deployment. If you do have a collision which deploys the airbags, any or all of the following may occur:
- The nylon airbag material may sometimes cause abrasions and/or skin reddening to the driver and front passenger as the airbags deploy and unfold.
- As the airbags 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 airbag 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 airbag has deployed. If you are involved in another collision, the airbags will not be in place to protect you.

ENVIRONMENTAL!
Airbag inflation releases a small amount of powder. This powder is not harmful for the environment.

WARNING!
- **Deployed airbags cannot protect you in another collision. Have the airbags and the front seat belt retractor assemblies replaced by an Authorized Maserati Dealer. Also, have the Occupant Restraint Controller (ORC) system serviced as well.**
- **Have the airbag checked, serviced and replaced only by an Authorized Maserati Dealer.**

AirBag System Maintenance

WARNING!
- **Modifications to any part of the airbag system could cause it to fail when you need it; thus you could be injured if the airbag 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 airbag system without the necessary know-how.**
- **Do not attempt to modify any part of your airbag system. The airbag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an Authorized Maserati Dealer for any airbag 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 an Authorized Maserati Dealer.**

- **Only Maserati manufacturer approved seat accessories may be used. If it is necessary to modify the airbag system for persons with disabilities, contact an Authorized Maserati Dealer.**
- **If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. The airbags may not be ready to inflate for your protection. Promptly check the fuse block for blown fuses. To identify the airbag fuse, see chapter "If a Fuse Blows" in section "In an Emergency". See an Authorized Maserati Dealer if the fuse does not fix the problem.**

Transport of persons with disability

If it is necessary to modify the advanced airbag system of your vehicle to accommodate a person with disabilities, contact an **Authorized Maserati Dealer**.

WARNING!

- **The advanced airbag system of your vehicle is not designed to protect adults with disabilities that require deactivation of the airbags.**
- **If you or another occupant is an adult with a medical condition that requires airbag deactivation, please contact an Authorized Maserati Dealer.**
- **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, typically 30 seconds or less.

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 traveling.

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

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. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed.

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)

NOTE:
A child restraint system can help protect a child in a vehicle so ensure that the child restraint selected has a certification label applicable to FMVSS 213 in the U.S., or CMVSS 213 in Canada.

Everyone in your vehicle must be buckled up all the time, including babies and children. Every state in the United States and all Canadian provinces require that small children ride in proper restraint systems. Please be reminded that you can be prosecuted for ignoring this law.
Children 12 years or younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

WARNING!
In a collision, an unrestrained child, even a baby, can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are. The child and others could be badly injured or killed. Any child riding in your vehicle should always be in a proper restraint system suitable for the child's size.

- **EXTREME HAZARD! Rearward-facing child seats must never be used in the front seat of a vehicle with the front passenger airbag activated. An airbag deployment could cause severe injury or death to infants in this position.**
- **On cars equipped with passenger's airbag deactivation device, if the passenger's airbag 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.**

There are different sizes and types of restraint systems for children from newborn size to the child almost large enough for an adult safety belt.
Always refer to the manual provided with child seat to ensure it is the proper type according the traveling child. Use the restraint system that is correct for your child.

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 Lower anchorages.

Infants and Child Restraints

Safety experts recommend that children ride rearward-facing in the vehicle until they are two years old or until they reach either the height or weight limit of their rear facing child seat.

Two types of child restraint systems can be used rearward-facing: infant carriers and convertible child seats.

The infant carrier is only used rearward-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier.

Convertible child seats can be used either rearward-facing or forward-facing in the rear seat of the vehicle. Convertible child seats often have a higher weight limit in the rearward-facing direction than infant carriers do, so they can be used rearward-facing by children who have outgrown their infant carrier but are still younger than at least two years old.

Children should remain rearward-facing until they reach the highest weight or height allowed by their child seat. Both types of child restraint systems are fixed to the car in the rear seat area by the lap/shoulder belt or the LATCH child restraint anchor system. Refer to "Lower Anchors and Tether for Children (LATCH)" in this section.

WARNING!

- **Never place a rear facing infant seat in front of an airbag. A deploying airbag can cause death or serious injury to a child 12 years or younger, including a child in a rearward facing infant seat.**
- **Only use a rearward-facing child restraint in a vehicle with a rear seat.**

Older Children and Child Restraints

Children who are two years old or who have outgrown their rear-facing child seat can ride forward facing in the rear seat of the vehicle in a proper child restraint. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who are over two years old or who have outgrown the rear-facing weight or height limit of their rear-facing child seat. Children should remain in a forward-facing child seat with a harness for as long as possible, up to the highest weight or height allowed by the child seat. These child seats are also fixed to the car by the lap/shoulder belt or the LATCH child restraint anchorage system located in the rear seat area. Refer to "Lower Anchors and Tether for Children (LATCH)" in this section.

All children whose weight or height is above the forward-facing limit for the child seat should use a belt positioning booster seat until the vehicle's seat belts fit properly. If the child cannot sit with knees bent over the vehicle's seat cushion while the back is against the seatback, they should use a belt-positioning booster seat.

The child and belt-positioning booster seat are fixed to the car by the lap/shoulder belt.

Children Too Large for Booster Seats

Children who are large enough to wear the shoulder belt comfortably and whose legs are long enough to bend over the front of the seat when their back is against the seatback should use the lap/shoulder belt in a rear seat.

- Make sure that the child is upright in the seat.
- The lap portion should be low on the hips and as snug as possible.
- Check belt fit periodically. A child's squirming or slouching can move the belt out of position.
- If the shoulder belt contacts the face or neck, move the child closer to the center of the vehicle. Never allow a child to put the shoulder belt under an arm or behind their back.

NOTE:
For additional information, refer to "http://www.safercar.gov/parents/index.htm" www.safercar.gov/parents/index.htm or call 1-888-327-4236.
Canadian residents should refer to Transport Canada's website for additional information: http://www.tc.gc.ca/eng/motorvehiclesafety/safedrivers-childsafety-index-53.htm

WARNING!

- **Improper installation can lead 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 restraint manufacturer's directions exactly when installing an infant or child restraint.**
- **A rearward-facing child restraint should only be used in a rear seat. A rearward-facing child restraint in the front seat may be struck by a deploying passenger airbag, which may cause severe or fatal injury to the infant.**

Here are Some Tips on Getting the Most out of Your Child Restraint

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

WARNING!

When your child restraint system is not in use, 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.

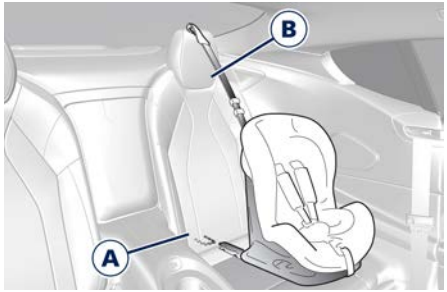
Installing Child Restraint Systems using the Vehicle Seat Belt equipped with ALR

Child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap/shoulder belt.
All 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 to retract subsequently. For additional information on ALR, see "Using Seat Belt in Automatic Locking Retractor (ALR) Mode" in "Occupants Restraint Systems (ORS)" in this section.
To install a Child Restraint System 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, then remove 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.

Lower Anchors and Tether for Children (LATCH)

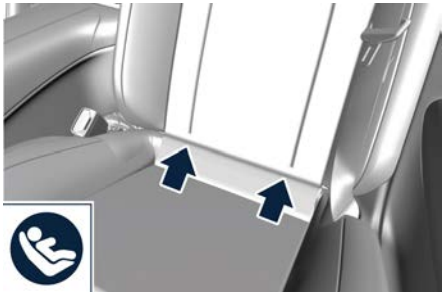
Your vehicle's side rear seats are all equipped with the child restraint anchorage system called LATCH.
The LATCH system allows the child restraint systems to be fixed without using the vehicle's seat belts, instead fixing the child restraint system to the vehicle structure, using lower anchorages **A** and upper tether strap **B**.



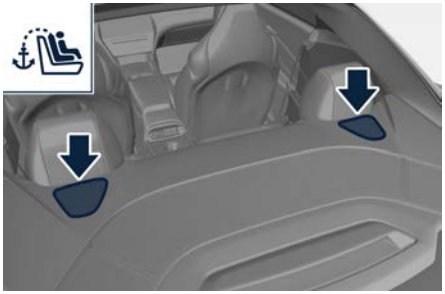
LATCH-Compatible child restraint systems are now available. You should never install LATCH child seats so that two seats share a common lower anchorage.

Installing a LATCH- Compatible Child Restraint System

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



In addition, there are tether strap anchorages placed on the rear parcel shelf behind the head restraints.

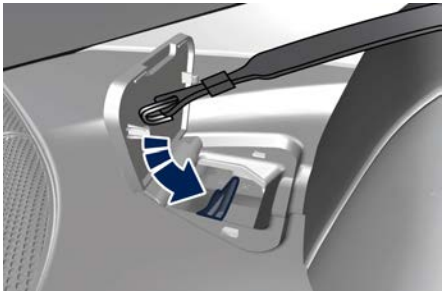


Such anchorages can be reached opening the LATCH covers (see picture).

To install a LATCH-Compatible child restraint seat 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 (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:
For any further details on installation and/or use of child restraint system, refer to the instructions provided with the child seat.

WARNING!

If a forward facing child seat is fitted to the passenger's seat, make sure that the passenger's seat is fully rearwards and is positioned at the lowest height.

WARNING!

- **A child seat should be fitted only when the car is stationary. 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 a LATCH-Compatible child restraint system, 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 to the LATCH anchorages can lead to failure of an infant or child restraint. The child could be badly injured or killed. Follow the child restraint system manufacturer's directions exactly when installing an infant or child restraint system.**
- **Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.**

Important Safety Notice for Transporting Children

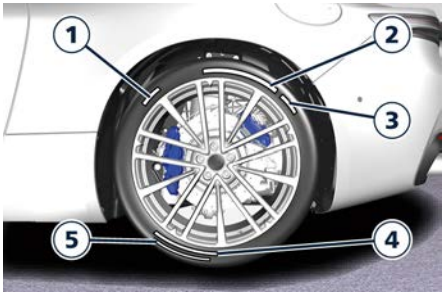
- Install the child seat on the rear seat as this is the safest position in case of collisions.
- Keep the instructions in the vehicle together with the documents. Do not use a child restraint system which does not provide any instructions for use.
- Every child has to use one child restraint system; never carry two children using only one child seat.
- 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.

Tires Information

Tire Safety Information

Tire Markings



1. U.S. DOT Safety Standards Code (TIN).
2. Size Designation.
3. Service Description.
4. Maximum Pressure and Maximum Load.
5. Treadwear, Traction and Temperature Grades (see “Department of Transportation Uniform Tire Quality Grades” in this section).

Tire Sizing Chart

EXAMPLE: P295/30 ZR21 (102Y) XL or 295/30 ZR21 (Y102) XL

Size Designation:
P = Passenger car tire size based on U.S. design standards **“...blank...”** = Passenger car tire based on European design standards
295 = Section width in millimeters (mm)
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 150 MPH (240 km/h) • R: means radial construction
21 = Rim diameter in inches (in)

Service Description:
102 = Load Index — A numerical code associated with the maximum load a tire can carry
Y = Speed Symbol — A symbol 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 symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)

Load Identification:
"...blank..." = Absence of any text on the sidewall of the tire indicates a Standard Load (SL) tire
XL = Extra Load (or reinforced) tire
LL = Light Load tire

Tire Identification Number (TIN)
The TIN may be found on one or both sides of the tire, however the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire.
Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE: DOT MA L9 ABCD 0322
DOT = Department of Transportation — This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use.
MA = Code representing the tire manufacturing location (two digits).
L9 = Code representing the tire size (two digits).

EXAMPLE: DOT MA L9 ABCD 0322
ABCD = Code used by the tire manufacturer (one to four digits).
03 = Number representing the week in which the tire was manufactured (two digits). In this case, 03 means the 3rd week.
22 = Number representing the year in which the tire was manufactured (two digits). In this case, 22 means the year 2022.

Tire Terminology and Definitions

Term	Definition
B-Pillar	The vehicle B-Pillar is the structural member of the body located behind the front door.
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 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of psi (pounds per square inch) or kPa (kilopascals) or bar.
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.
Recommended Cold Tire Inflation Pressure	Vehicle manufacturer's recommended cold tire inflation pressure as shown on the tire placard.
Tire Placard	A label permanently attached to the vehicle describing the vehicle's loading capacity, the original equipment tire sizes and the recommended cold tire inflation pressures.

Tire and Loading Information Label
The proper cold tire inflation pressure and the loading information are listed in two labels on the driver's side rear door ledge.

Tire Information Label

Loading Information Label

The labels tells you important information about the:

- Cold tire inflation pressures for the front and rear tires.
- Number of people that can be carried in the vehicle.
- Total weight the vehicle can carry.
- Tire size designed for the vehicle.

Loading
The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the “Tire and Loading Information Label” and in the “Technical Specifications” section.

NOTE:
Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded.

To determine the maximum loading conditions of your vehicle, locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs” on the Tire and loading information placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

Steps For Determining Correct Load Limit—

(1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle's placard.

(2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.

(3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the “XXX" amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400–750 (5 × 150) = 650 lbs.)

(5) Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available

cargo and luggage load capacity of your vehicle.

Tires

Driving over rough or damaged road surfaces, as well as debris, curbs and other obstacles can cause serious damage to wheels, tires, and suspension parts.

This is more likely to occur with low-profile tires, which provide less cushioning between the wheel and the road.

Be careful to avoid road hazards and reduce your speed, especially if your vehicle is equipped with low profile tires.

WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase the stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

Department of Transportation Uniform Tire Quality Grades

The following tire grading categories were established by the National Highway Traffic Safety Administration. The specific grade rating assigned by the tire's manufacturer in each category is shown on the sidewall of the tires on your vehicle.

All passenger car tires must conform to Federal safety requirements in addition to these grades.

Treadwear

The Treadwear grade is a comparative rating, based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction Grades

The Traction grades, from highest to lowest, are AAA, A, B, and C. These grades represent the tire's ability to stop on wet pavement, as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

WARNING!

The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics. Only drive in a manner that is safe for the current road conditions. Driving too fast for the road conditions could cause a loss of vehicle control resulting in a collision.

Temperature Grades

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat, when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance, which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel, than the minimum required by law.

WARNING!

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

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:

Safety

WARNING!

- **Improperly inflated tires are dangerous.**
- **Under-inflation increases tire flexing and can result in tire overheating.**
- **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.**
- **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 fuel 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 mi (1.6 km) 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 1 psi (0.07 bar) per 12° F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in winter.
Example: If garage temperature = 68°F (20°C) and the outside temperature = 32° F (0°C) then the cold tire inflation pressure should be increased by 3 psi

(0.21 bar) for every 12° F (7°C) for this outside temperature condition.
Tire pressure may increase from 2 to 6 PSI (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 molded into the bottom of the tread grooves.
When the tread is worn to one of the tread wear indicators, the tire should be replaced.

NOTE:
The wet performance (hydroplaning 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 should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in tire failure.

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 **Authorized Maserati Dealer** 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 then what was originally listed in the registration document. Using a tire with a smaller load index could result in tire overloading and failure.**

- **Always check the maximum speed rating on the tire sidewall on any tire on the vehicle.**
- **Never exceed the maximum speed rating of the tires. Risk of accident and serious personal injury due to excessive speed.**
- **Failure to equip your vehicle with tires having adequate speed capability can result in tire failure.**

CAUTION!

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

Tire Types

Before mounting any type of tire, contact an **Authorized Maserati Dealer** 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 40 °F (5 °C) or if roads are covered with ice or snow. For more information, contact an **Authorized Maserati Dealer**.

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 optimized for wet and dry driving conditions. Do not use summer tires in snow/ice conditions. You could lose vehicle control, resulting in severe injury or death. Driving too fast for conditions also creates the possibility of loss of vehicle control.

All Season Tires (if equipped)

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 (if equipped)

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	149 MPH (240 km/h)

Refer to original equipment or an authorized tire dealer for recommended 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.

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).

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

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 30 MPH (50 km/h).
- 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.
- Use the snow socks on both axles to avoid loss of control of the vehicle and possible accidents.

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 leveling.
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.

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.

Tire pressure should always be set based on cold inflation tire pressure.

The cold tire inflation pressure must not exceed the maximum inflation pressure molded 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 15 MPH (24 km/h) in order for the TPMS to acquire and process the updated setting.

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires).

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one

minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

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 optimized 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 fuel 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")

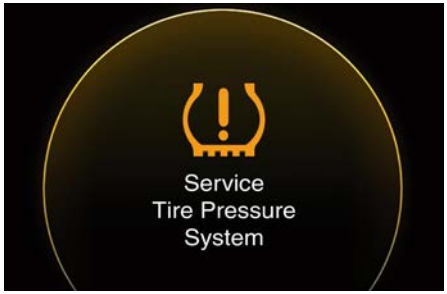
Should this occur, you should stop as soon as possible and inflate the tire/s with the low pressure (the one/s flashing in the instrument cluster graphic) to the recommended cold pressure inflation value. Once the system receives the updated tire pressure value, the system will automatically update, 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 15 MPH (24 km/h) and 80 MPH (130 km/h) 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.



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 equipped with Tire Pressure Monitoring System sensors, drive the vehicle for 20 minutes above 15 MPH (24 km/h). 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 15 MPH (24 km/h). 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 endowed 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 hydroplaning.**
- **The capabilities of a vehicle equipped with these systems must never be exploited in a reckless or dangerous manner that could jeopardies 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.

Engine 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 engine 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 but also purposeful for driving in deep snow, sand, or gravel. The current mode disables all the ESC functionalities except the ROM; 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 again.

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.

NOTE:

To improve the vehicle's traction when driving with snow socks, or when starting off in deep snow, sand, or gravel, it may be desirable to switch to the "ESC OFF" mode by pressing the ESC OFF soft-key and remain in this operational mode no longer than needed. Once the situation requiring "ESC OFF" mode is overcome, turn the ESC on again by long pressing the ESC OFF soft-key. This may also be performed while in motion.

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 engine in case of slipping, loss of grip on wet floor (hydroplaning), 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 engine;
- if slippage only affects one drive wheel, it reduces the power transmitted by the engine and automatically brakes the slipping wheel.

Brake Assist System (BAS)

This system completes the ABS system by optimizing the vehicle braking capacity during emergency brake maneuvers. 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 engine 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 engine 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 (if the proper setting is activated on the MIA screen):

- 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 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 engine power to lessen the chance that wheel lift will occur.
ROM will only intervene during very severe or evasive driving maneuvers. ROM can only reduce the chance of wheel lift occurring during severe or evasive driving maneuvers. 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.

Limited Slip Differential (LSD) ( )

Mechanical Limited Slip Differential

The mechanical self-locking differential is used to limit the wheelspin of the internal wheel when accelerating out of corners and to stabilize the rear axle when braking.

Electronic Limited Slip Differential

With the electronic self-locking differential the lock percentage is not fixed but varies progressively with a continuous control from 0 - 100 %.

The locking percentage is managed by electro-hydraulic actuators controlled by an electronic control unit integrated in the vehicle's dynamics control system.

On the basis of the information received from the engine, transmission, steering, and brake sensors it decides both when and how much to lock the differential, with very high actuation speeds (up to 100 ms).

All this makes it possible to obtain and guarantee greater traction during acceleration, as well as high precision, stability and maneuverability when entering corners.

When cornering, the electronic LSD can:

- stabilize the vehicle when the accelerator pedal is released by locking the rear axle;
- control vehicle dynamics by locking the differential proportionally in relation to lateral acceleration and vehicle speed;
- maximize both vehicle stability and acceleration when cornering by locking the differential proportionally in relation to lateral acceleration, speed, selected gear and torque produced by the engine.

To obtain these results, the LSD system interacts with the ESC and ABS systems, automatic transmission and suspension damping control.

Anti-theft Alarm Systems

Engine Immobilizer System

The Immobilizer System (Sentry Key®) prevents unauthorized vehicle operation by disabling the engine. 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 unauthorized 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, Engine Immobilizer system identifies the code transmitted by the key fob. If the code is recognized as valid, the Engine Immobilizer system enables engine starting.

When the ignition device is brought back to **STOP** position, the Engine Immobilizer system deactivates the control module controlling the engine, 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 engine 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 engine, contact an **Authorized Maserati Dealer**.

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 an **Authorized Maserati Dealer**.

CAUTION!

- Do not tamper with the Engine Immobilizer system. Any modifications/alterations could cause the protection function to be deactivated.

- The Engine 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 an **Authorized Maserati Dealer** 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 Authorized Maserati Dealer.

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

Vehicle Security Alarm

The vehicle security alarm monitors the vehicle doors and trunk for unauthorized entry and the **START/STOP** button for unauthorized operations.

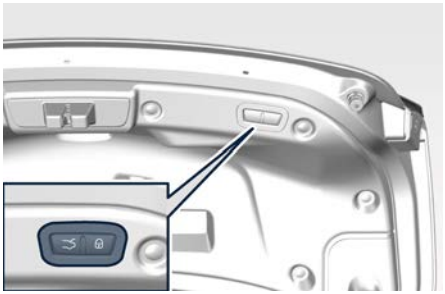
NOTE:

- **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.**

The system includes a dual function anti-intrusion sensor and vehicle anti-lift sensor. The anti-intrusion sensor monitors the vehicle interior for motion. The vehicle anti-lift sensor monitors the vehicle for any lifting or tilting actions (tow away, tire removal, ferry transport, etc). A siren (for versions/markets, where provided) with battery backup which senses interruptions of power and communications is also included.

While the vehicle security alarm is enabled, interior door locks switches, trunk lid and fuel filler door 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.



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 3.3 ft (1 m) (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.

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

Push the button - located on the right side of the outer edge of the trunk lid and indicated in the figure - that can be used to completely close and lock the trunk lid and arm the alarm system if all the doors are closed.

For further information, see chapter “Trunk Lid Operation” in section "Before Driving".

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 trunk lid/Hands free. Pressing the button between the license plate lights will not disarm the vehicle security alarm. If anyone enters the vehicle through the trunk 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 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.**

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".

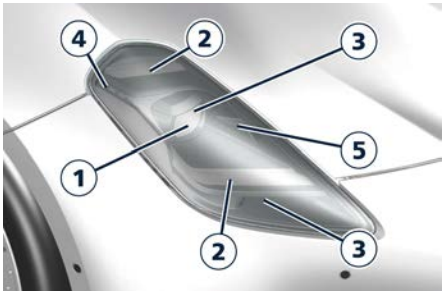
External Lights Cluster

The lights of the front clusters are arranged as follows:

Full-LED Version

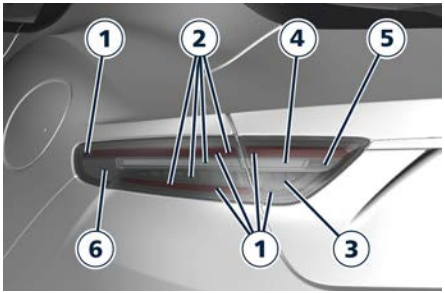
1 Low-beam light LED.
2 Position, DRL and turn signal light LED.
3 High-beam light LED / Matrix High-beam LED (OPT).
4 Side-marker LED.

5 Static Bending Light or Cornering light LED / Static Bending Light LED (OPT).



The lights of the rear clusters are arranged as follows:

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



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 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.

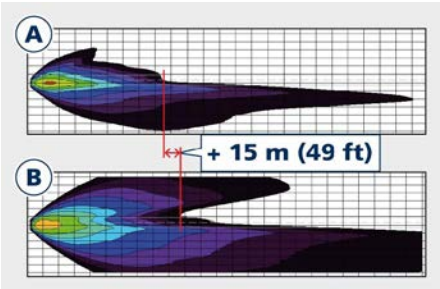
Adaptive “Full-LED” Headlight ( )

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 traveling 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 fuel 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 combines 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 form 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, optimizing vertical light distribution according to the current drive path.
The increased lateral illumination is gained through a fixed bending light or a cornering light (depending on the market) 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.

Automatic High Beam

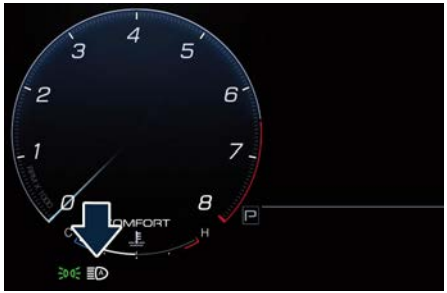
The Automatic High Beam headlight control system provides increased forward lighting at night by automating high beam control through the use of the forward-facing digital camera located above the rear-view mirror, which is the same one used for example by the Active Lane Management - ALM system on vehicles 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 centers and to turn off the high beams when driving near of one of them.
The system will be active once passed the speed of 21.7 MPH (35 km/h). The properly working for this system (if all the other conditions are met) is ensured between 15.5 MPH (25 km/h) and 155 MPH (250 km/h).

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.

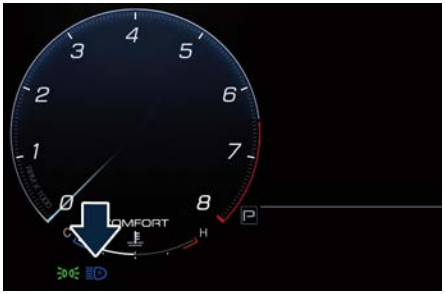
- Choose the "Auto Dim High Beams" function in the "Lights" submenu and insert the check mark in the box to turn on the function.
- To turn off the function delete the check mark in the box.
- Shift the multifunction lever onward .

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.

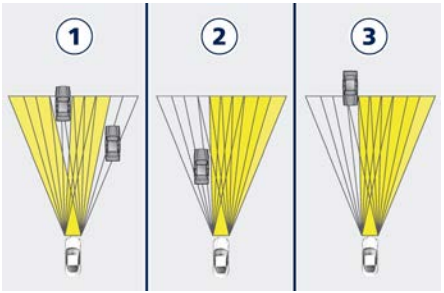


NOTE:
- **The function is enabled only if the brightness sensor detects the right lighting conditions and then switch to low beam on.**
- **Broken, muddy, or obstructed headlights and taillights of vehicles in the field of view will cause headlights to remain on longer (closer to the vehicle). Also, 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 traveling 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 traveling 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 engine is running.

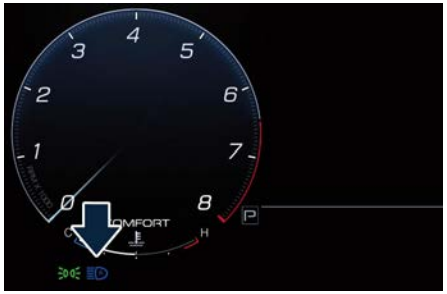
The “Glare Free” function will work only if the vehicle speed is equal or greater than 35 km/h (21.7 mph) in the engagement phase of the function.

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.



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 engine 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 fuel 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.

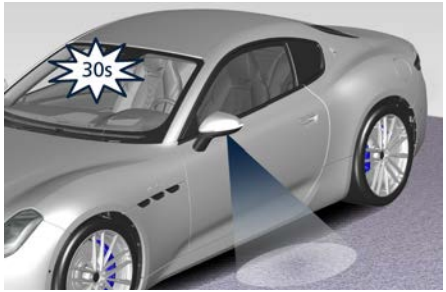
The lighting of all the compartment lights when opening the doors can also be inhibited by pushing the indicated button.

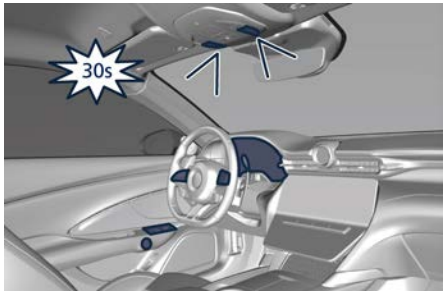
Illuminated Entry/Exit

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.

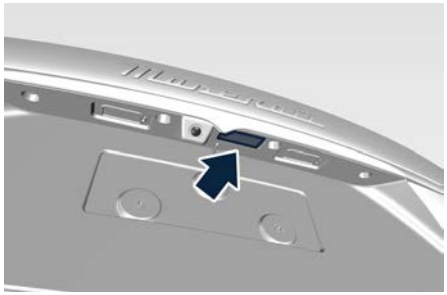
- If the unlock command is enabled by pressing the specific button on the key fob or by the "Passive Entry" system, the "illuminated entry" mode will activate. Courtesy & dimmable internal lighting, night front seats lighting, and approach lighting will stay on for a set time (see "Functions of Settings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

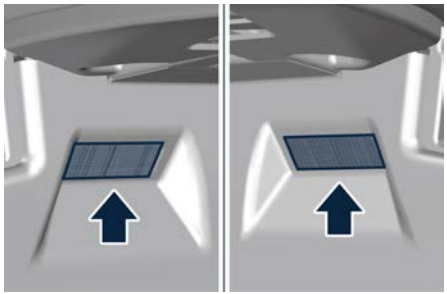




- If the lock command of the car is enabled by pressing the specific button on the key fob or by the "Passive Entry" system, all the lights will turn off within 3 seconds, if they were previously on and all conditions are met.

- After activating the trunk lid opening command in the possible modes (see "Trunk Lid Operation" in section "Before Driving"), the inner trunk and trunk 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 trunk lid before 10 minutes.





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

- If the) PANIC button is pressed on the key fob, the panic alarm will turn on. Wait approximately 3 seconds and press the button a second time to turn the panic alarm off.

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 Authorized Maserati Dealer 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 Leveling

A correct headlight leveling 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 leveled, under any vehicle load condition.
The vehicle is equipped with a system that automatically adjusts headlight leveling according to vehicle load conditions.

Internal Equipment

WARNING!
Cellular phones, music players, and other handheld electronic devices should be stowed while driving. Use of these devices while driving could cause an accident due to distraction.

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 trunk.
In vehicles equipped with "Cigarette Lighter" the electric power outlet inside the cup holder is replaced with a specific socket.
All power outlets are supplied only when the engine is started or the ignition device is set to **ON**.
Power outlets are protected by a fuse.
Insert a cigar lighter or 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 for Cigarette Lighter inside the Rear Central Tunnel Compartment

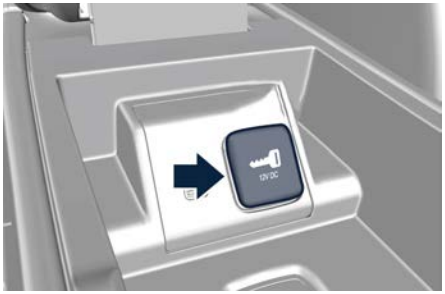
To access the 12 V power outlet inside the rear central tunnel compartment behind the cup holders, press the button as indicated to completely open the armrest.

NOTE:

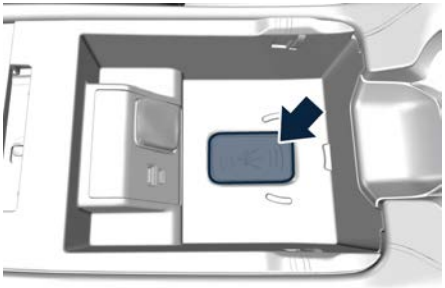
This outlet is specifically dedicated to power the cigarette lighter. It is not recommended to use it as an outlet to charge devices: use the other power outlets for this function.

CAUTION!

High power consumption items plugged into this outlet for long periods may discharge the battery and/or prevent the engine 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 Trunk

The 12 V power outlet is positioned on the left side of the trunk 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 for Cigarette Lighter 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

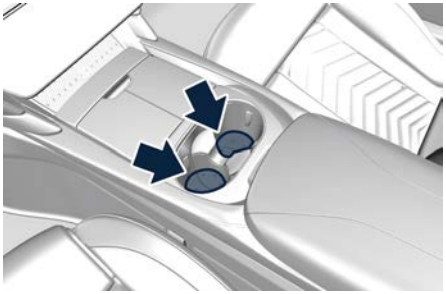
The vehicle is equipped with several cup holders.

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.

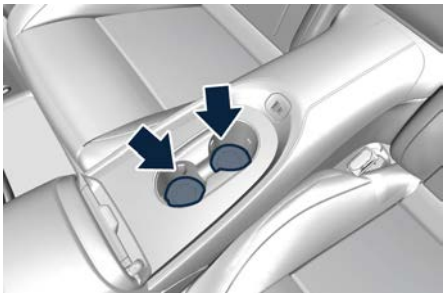


NOTE:

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

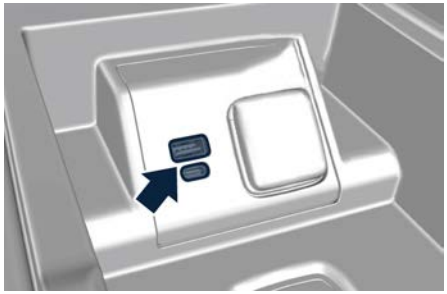
Cup Holders for Rear Passengers

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.

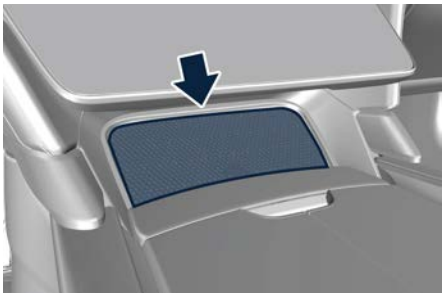


The USB ports (Type-A and Type-C) can be used for data exchange (refer to the "Maserati Intelligent Assistant™ (MIA)" guide for further details) and charge of the connected source.
For rear seat passengers, there are two ports (Type-A and Type-C) inputs on the central console, behind the two cup holders.
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 (OPT)

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.
The Wireless Charger system enables charging when all doors are closed properly and the engine is **ON** .

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 engine 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 behavior 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.
- During the charging process, the mobile phone can overheat and stop charging because of open applications or functions used. This is not an anomalous behavior. 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.

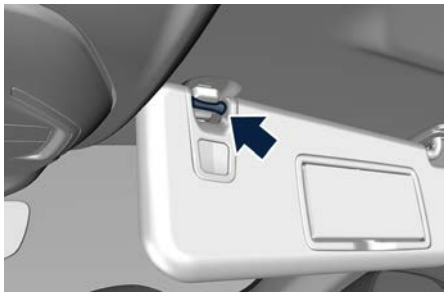
CAUTION!

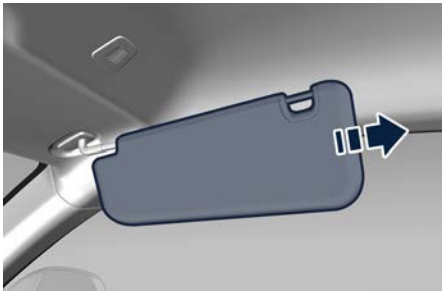
Do not leave your USB device, iPod® or an external audio source in the vehicle for extended periods of time: extreme temperatures and humidity can occur in the vehicle.

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.

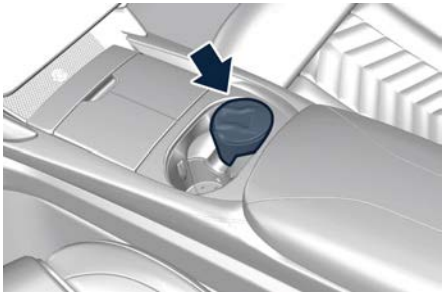
Before raising the sun visor, close the mirror cover: the light will turn off.

A business card holder is fitted inside each sun visor.

Cigarette Lighter (OPT)

The kit includes a lighter, that takes place of the power outlet, in the rear central tunnel compartment.

In addition, an approved ashtray with cover can be located inside the cupholders, between the front and rear central tunnel compartments.



The rear seat passengers can use the removable ashtray by inserting it into the rear cup holders.

Press the central button to activate the cigarette lighter. After about 20 seconds the button returns automatically to the initial position and stops the heating: from this time the cigarette lighter is ready for use.

NOTE:
The Authorized Maserati Dealer can provide you with any information about the Maserati approved Ashtray, available in the "Genuine Accessories" range.

CAUTION!
After use, always make sure that the cigarette lighter is switched off.

WARNING!
- **The cigarette lighter reaches high temperatures. Handle it carefully and do not allow children to use it so as to avoid risk of fire and injury!**
- **The cigarette lighter must not be used as a power outlet to avoid risk of fire and injury!.**

Wi-Fi Hotspot ( )

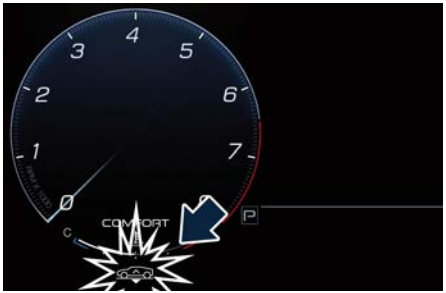
For further information about this service, see the “Maserati Intelligent Assistant™ (MIA)” guide.

Lifter System

This device acts on the suspensions and raises the the car by approximately 0.98 in (25 mm) 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 engine is running and at vehicle speeds below 31 MPH (50 km/h), by pressing briefly the indicated soft-key on the bottom bar of the screen of the Comfort Display.

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 31 MPH (50 km/h) 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 an **Authorized Maserati Dealer**;
- lifter is not available;
- engine is off;
- speed overcome the 31 MPH (50 km/h).

- 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.**
- **Never drive with the trunk lid open. Exhaust gases can enter the passenger compartment.**

The trunk 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

(Continued)

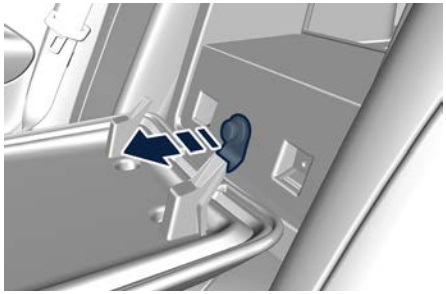
(Continued)
the speakers could damage the audio system.

The **Authorized Maserati Dealer** can provide you with any information about the items dedicated to the usage of the trunk (luggage compartment mat, ...), available in the ""Genuine Accessories"" range.

Ski and Snowboard Bag Compartment

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 trunk 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.

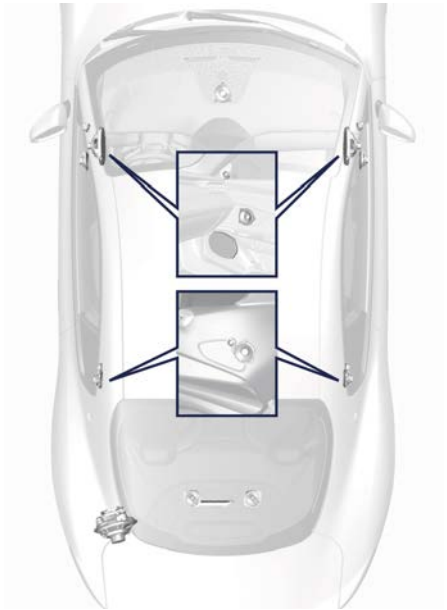
Audio System

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

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 6x9 in (152x229 mm) diameter Woofers, one on each door.
- Three 3.9 in (100 mm) diameter Midrange: one on the top of the dashboard, one on each door panel.
- Four 3.1 in (80 mm) 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 9.8 in (250 mm) Fresh Air Subwoofer (Dual Voice Coil) in the trunk, behind the left side wall.
- 17-channel amplifier positioned under the rear part of the floor.



Sonus Faber Premium Audio System

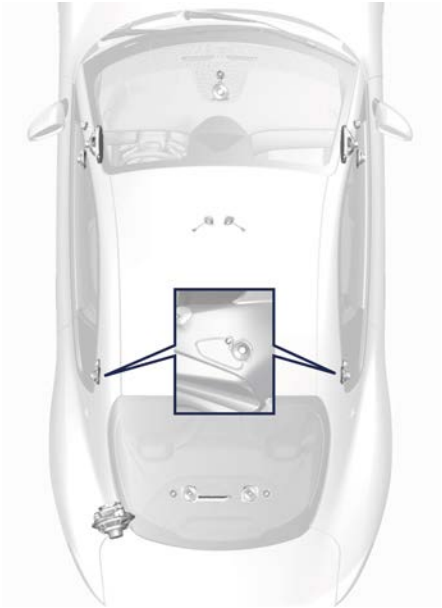
Sonus Faber Additional Features:

- **Media expander:** application of algorithm for processing MP3 files or 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 6x9 in (152x229 mm) diameter Woofers, one on each door.
- Five 3.9 in (100 mm) diameter Midrange: one on the top of the dashboard, one on each door panel, one on each rear panel.
- Two 3.1 in (80 mm) diameter Midrange: on the rear parcel shelf.
- Two 2 in (50 mm) diameter Height-Midrange: on the roof panel, above the front dome console.
- Seven 1 in (25 mm) diameter Tweeters: one on center dashboard, one at the base of the windshield side pillars, one on each rear panel and two on the rear parcel shelf.
- One 9.8 in (250 mm) Fresh Air Subwoofer (Dual Voice Coil) in the trunk, 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 optimizing 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 center position for optimal surround performance.

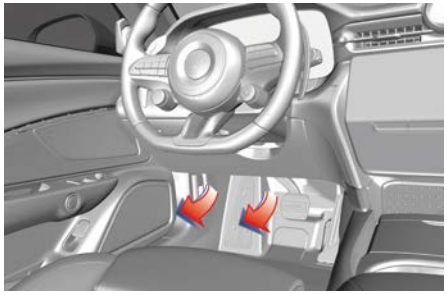
Air Conditioning Distribution

Adjustable and fixed air vents allow passengers to achieve the optimal comfort conditions.

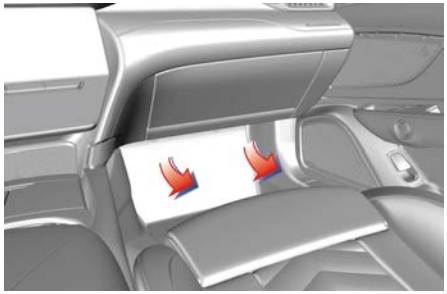
NOTE:
The Authorized Maserati Dealer can provide you with any information about the Maserati approved Multifunctional Air Filter, available in the "Genuine Accessories" range.

Fixed Air Vents

- The fixed vents, positioned on the upper surface of the dashboard, in the center and on the sides, are meant to guarantee the demisting and defrosting of the windshield and the side windows.

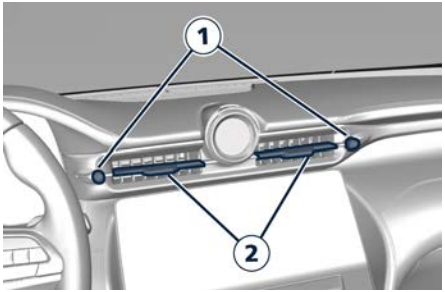


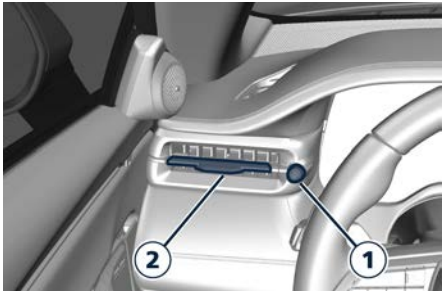
- The fixed vents under the dashboard are aimed at ventilating the lower part of the front passenger compartment.

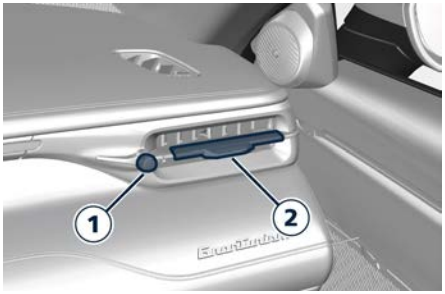


Adjustable Air Vents

The adjustable vents are located at the center 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 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** .



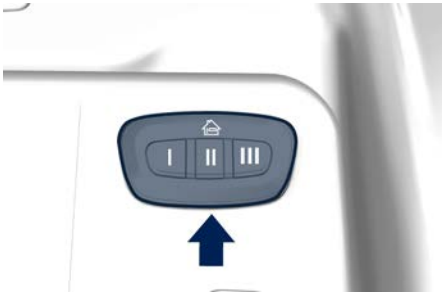




NOTE:
In order not to obstruct the air conditioning inlet, the defrosting or the demisting function of the glass surfaces, avoid covering vents with clothing or other items.

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 function as required by Federal safety standards. This includes most garage door opener models manufactured after 1982. 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.**
- **Vehicle exhaust contains carbon monoxide, a dangerous gas. Do not run your vehicle in the garage while programming the transceiver. Exhaust gas can cause serious injury or death.**

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 engine;
- 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 color of the button may vary by manufacturer.

- Place the ignition device to **ON** position without starting the engine.
- Place the garage door opener transmitter 1 to 3 inches (3 - 8 cm) 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.

Synchronizing 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 synchronize 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 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 reprogram a channel that has been previously trained, follow these steps:

- Place the ignition device to **ON** position without starting the engine.
- 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 engine.
- Place the hand-held transmitter 1 to 3 inches (3 to 8 cm) 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 engine.
- 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.

Canadian/Gate Operator Programming

The programming of transmitters in Canada/United States require the transmitter signals to "time-out" after several seconds of transmission:

NOTE:
Canadian Radio Frequency (RF) laws require transmitter signals to time-out (or quit) after several seconds of transmission, which may not be long enough for HomeLink® to pick up the signal during programming. Similar to this Canadian law, some U.S. gate operators are designed to time-out in the same manner.

It may be helpful to unplug the device during the cycling process to prevent possible overheating of the garage door or gate motor.

1. Place the ignition in the **ON** position.
2. Place the hand-held transmitter 1 to 3 inches (3 to 8 cm) away from the HomeLink® button you wish to program while keeping the HomeLink® indicator light in view.
3. Continue to press and hold the HomeLink® button, while you press and release (cycle) your hand-held transmitter every two seconds until HomeLink® has successfully accepted the frequency signal. The indicator light will flash slowly and then rapidly when fully trained.
4. Watch for the HomeLink® indicator to change flash rates. When it changes, it is programmed. It may take up to 30 seconds or longer in rare cases. The garage door may open and close while you are programming.
5. Press and hold the programmed HomeLink® button and observe the indicator light.

NOTE:
- **If the indicator light stays on constantly, programming is complete, and the garage door/device should activate when the HomeLink® button is pushed.**
- **To program the two remaining HomeLink® buttons, repeat each step for each remaining button. DO NOT erase the channels.**

If you have unplugged the garage door opener/device for programming, plug it back in at this time.

Reprogramming A Single HomeLink® Button (Canadian/Gate Operator)

To reprogram a channel that has been previously trained, follow these steps:

1. Place the ignition to the **ON** position.

2 Press and hold the desired HomeLink® button until the indicator light begins to flash after 20 seconds. Do not release the button.
3 Without releasing the button, proceed with “Canadian/Gate Operator Programming” step 2 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**.

3 - Before Driving

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.**
- **Never ride in a cargo area, inside of a vehicle.**
- **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.**

Exhaust Gas

WARNING!

Exhaust gases can injure. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO), follow these safety tips:

- **Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.**
- **If it is necessary to sit in a parked vehicle with the engine running, use the recirculation soft-key on the Comfort Display. Set the blower at high speed.**
- **If you are required to drive with the trunk lid open, make sure that all windows are closed and the climate control blowers switch is set at high speed. DO NOT use the recirculation mode.**

The best protection against carbon monoxide entry into the passenger compartment is a properly maintained engine exhaust system.

Whenever detecting a change in the sound of the exhaust system or eventual exhaust fumes inside the vehicle have the **Authorized Maserati Dealer** inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts.

Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment.

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.

Airbag 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) - AirBags" chapter in section "Understanding the Vehicle").

- If the light does not illuminate while starting, contact the **Authorized Maserati Dealer**.
- If the light stays on, flickers, or comes on while driving, have the system checked by the **Authorized Maserati Dealer**.

WARNING!

Certain components of this vehicle such as airbag modules, seat belt pretensioners, adaptive steering columns, and button cell batteries may contain Perchlorate material. Special handling may apply for service or vehicle end of life disposal. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

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 an **Authorized Maserati Dealer** 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 **Authorized Maserati Dealer** 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.**
- **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 trunk lid (see specific chapters).

Fluid Leaks

- Check area under vehicle after overnight parking for recent fluid leaks (oil, fuel, etc.).
- If fuel fumes are detected or fluid leaks are suspected, contact the **Authorized Maserati Dealer**.

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

Airbags 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.

WARNING!

- **When leaving the vehicle, always remove the key fob and lock your vehicle.**
- **Do not allow children to be in a vehicle unattended or with access to an unlocked vehicle. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake trigger, brake pedal or the shift 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).

To open all windows, perform a short press and release of the button, then within 5 seconds press and hold button.

When the function is enabled on MIA screen, press and release the button on the key fob once only to unlock the driver side door or twice within 1 second to unlock all doors.

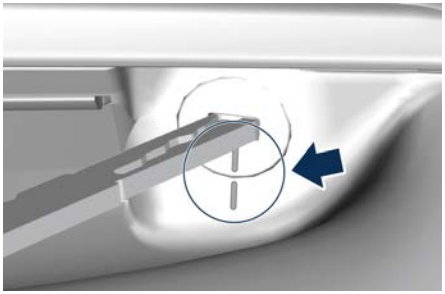
It is however possible to change the current setting through the MIA menu. So that the system unlocks: all doors on the first press of the button; only the driver door on the first press of the button (where provided).

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).

To close all windows, perform a short press and release of the button, then within 5 seconds press and hold button.

If one or more doors are open, the doors are locked and this is indicated by a rapid flashing of the direction indicators (where provided). The doors prepare for locking, which is active from the moment they are closed. The doors will unlock again only if the key fob presence is detected inside the passenger compartment.

The driver's door can always be locked by putting the emergency key inside the door lock on the driver's side handle.

Trunk Lid Open

Press the button on the key fob twice within five seconds to unlock the trunk lid and fully open it.

See chapters “Passive Entry System”, "Proximity System" and “Trunk Lid Operation” in this section for further information.

PANIC Alarm

Press once to turn the panic alarm on. Wait approximately 3 seconds and press the button a second time to turn the panic alarm off.

Requiring and Setting Additional Key fobs

In order to purchase additional key fob you need to bring with you at an **Authorized Maserati Dealer**:

- 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 an **Authorized Maserati Dealer**.

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:

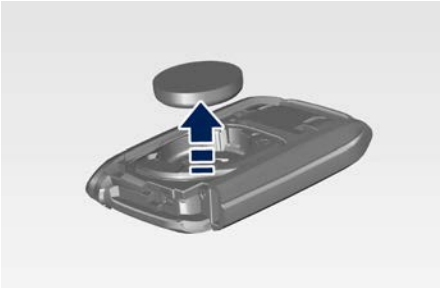
- Remove the emergency key as indicated in "Remove the Emergency

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 an Authorized Maserati Dealer.

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:

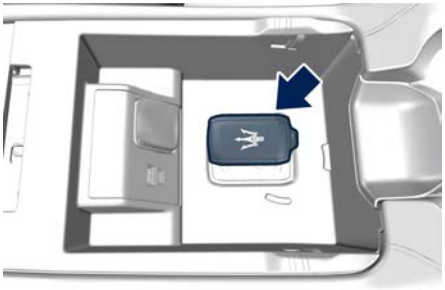
Avoid touching the new battery with your fingers. Skin oils may cause battery deterioration. If you touch a battery, clean with alcohol.

- 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.



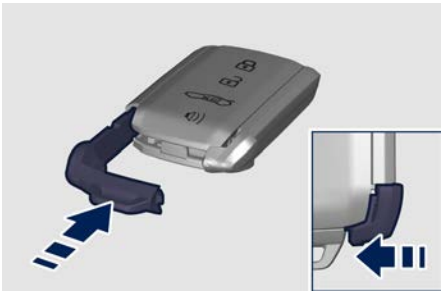
NOTE:
The system does not recharge the key fob battery; it must be replaced as indicated in the paragraph "Key fob Battery Replacement".

Remove the Emergency Key from the Key fob

To remove the emergency key from the key fob:

- Pull the valet 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 valet 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 (49 ft (15 meters)/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 cannot be changed. Contact an **Authorized 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.

WARNING!
Do not leave the ignition device in the ON position. A child could operate power windows, other controls, or move the vehicle.

CAUTION!
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.

CAUTION!
If the ignition device has been tampered with (e.g. an attempted theft), have it checked over by an Authorized Maserati Dealer before driving again.

NOTE:
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.

Ignition Device States

The ignition device has the following possible states.
STOP: engine 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 engine stopped, the ignition device will automatically move to the **STOP** position.

With the engine running, it is possible to go away from the vehicle taking the key fob with you. The engine 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 engine start-up, see "Normal Starting of the Engine" in section "Driving and Driver Assistance Systems".

NOTE:

- **do not start the engine immediately after reconnecting the terminals, but press the ignition device, without operating the pedals, to turn on the instrument cluster and then start the engine.**
- **the on the instrument cluster will remain on, indicating that the steering must be initialized. To do this, turn the steering wheel from one end to the other and bring it back to the center position within 30 seconds from starting the engine. If any red warning lights on the instrument cluster remain lit, stop the engine, 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:

- **“Passive Entry” may be programmed to on/off; see “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls” for further information.**
- **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).**

Unlock Door from the Driver Side

With a valid key fob within 3.3 ft (1 m) 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 3.3 ft (1 m) 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 of the driver's door unlock preference setting ("Driver Door" or "All Doors").

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.**

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 3.3 ft (1 m) of either "Passive Entry" door handle;**
- **fifteen 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 Trunk

With the key fob within 3.3 ft (1 m) of the trunk lid, press the button located between the license plate lights, the trunk lid will automatically open until fully home; if the same button is not pressed again to stop it (for more information, see chapter "Trunk Lid Operation" 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 license plate lights to unlock or to open the power trunk lid automatically.

Door Lock from Outside

- With one of the vehicle's key fobs beyond 3.3 ft (1 m) 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 trunk lid has been left open, it will stay open, and the locking function will only occur after the closing of the trunk 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 storage the key fob at a distance farther than 6,5 yds (6 m) 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 three 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 (trunk 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 trunk lid is completely closed.**

NOTE:

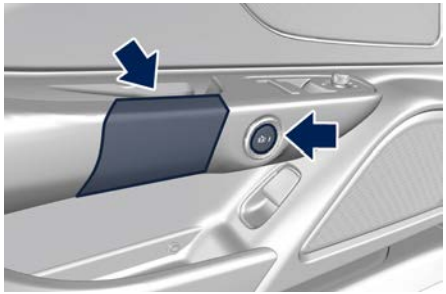
Vehicle model, rooftop material, interposition of other vehicles, weather conditions and key fob/wearable key position may interfere with working distances.

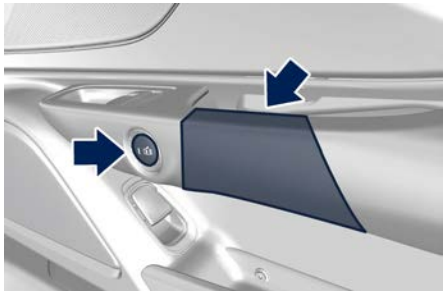
Exiting the Car

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 3 MPH or 5 km/h (to prevent spontaneous opening of the door while in motion). Otherwise the doors will open only when the vehicle speed is 0 MPH pressing the button for the first time. In this condition the relative white LED will switch off after pressing the button.





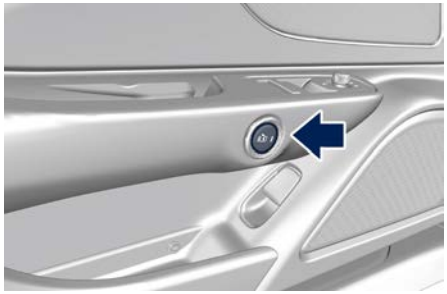
Once unlatched, the door is opened partially and then, with a slight push with the internal handle, automatically rotates outwards.
For details on the manual door emergency opening of the door from the inside, see "Doors Security Locking" in this section.

Reset

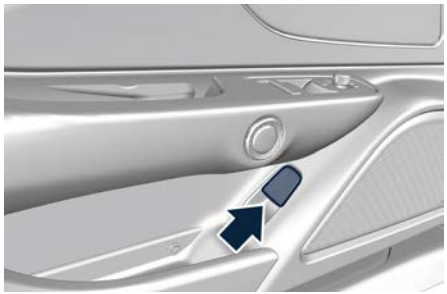
Resetting the door is automatic for a certain number of times after which it must be done manually using the pawl removing the cap and using the key inside the remote control (see paragraph "Remove the Emergency Key from the Key fob" in chapter "Keys" in this section for more details).

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.

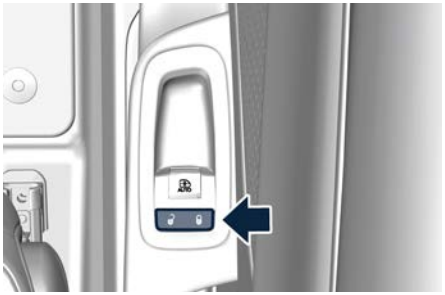
Doors Security Locking

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.**

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 fuel filler flap remains locked.

If trunk 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 trunk 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 fuel filler 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 15 MPH (24 km/h). 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.
- The transmission is in N (Neutral) or P (Park) mode.
- The driver door is open.
- The vehicle speed is 0 MPH (0 km/h).

Set Automatic Door Unlock on Exit

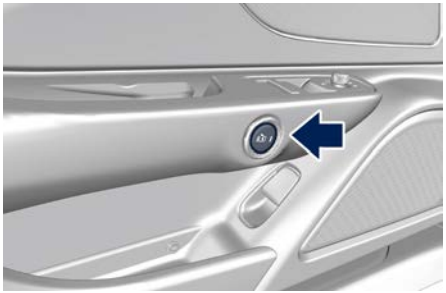
To change the current setting, see chapter “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”.

NOTE:

Use the automatic door unlock on exit function in accordance with local regulations.

Emergency Closing

Lock the car by pressing the door open button placed on the inner door panel for about 5 seconds keeping the ignition device in **STOP** position and the door open. The car will lock all the doors and the trunk lid after about 5 seconds. The LED on the door button will light up to notify the locking.



When the last door is closed the car will be locked. The car can be locked from any door, respecting the maneuver described above.

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.

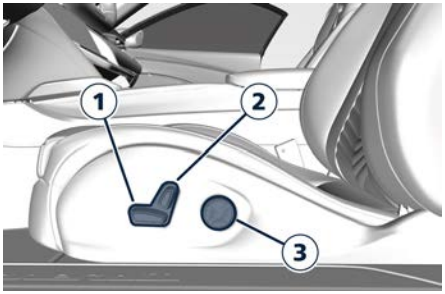
Front Power Seats

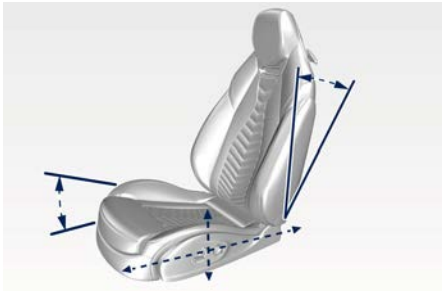
The power seats switches are located on the outboard side of the seat cushion.

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.

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.**

Front Seats Heat Function

NOTE:

The engine must be running for the heated seats to operate.

If the function is not active (state "OFF"), the dynamic parts of the icon are gray: 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 engine under particular conditions (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").**

Front Ventilated Seats (OPT)

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 engine must be running for the ventilated seats to operate.

If the function is not active (state "OFF"), the dynamic parts of the icon are gray:

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 engine under particular conditions (see "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").

Rear Seats

Rear seats can fit two passengers. Seats and seat belts are parts of the occupant restraint system of the vehicle.

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

WARNING!
Do not place items over the top of the head restraint, such as coats, seat covers or portable DVD players. These items may interfere with the operation of the head restraint in the event of a collision and could result in serious injury or death.

WARNING!

- **All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a crash.**
- **Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted could cause serious injury or death in the event of a collision.**

The front seats are equipped with nonadjustable head restraint on the seat back. The non-adjustable head restraints consist of a trimmed foam covering over the upper structure of the seat backs and are intended to help protect occupants from neck injury. Adjust the seat backs to their upright, on-road positions so that the head restraint is positioned as close as possible to the back of the occupant's head.
To adjust head restraints see paragraph"Front Seats" in this chapter for further information.

WARNING!

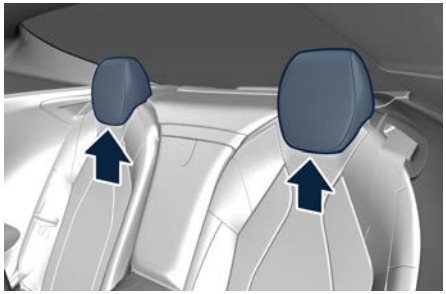
Be certain that the seat back is locked securely into position. Otherwise the seat back will not provide the proper stability for passengers. An improperly latched seat back could cause serious injury.

WARNING!

ALL the head restraints MUST be reinstalled in the vehicle to properly protect the occupants.

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.

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 canceled by pressing any of the icons (M1", "M2" or "M3") during a recall. When a recall is canceled, 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.

Easy Entry/Exit Driver Seat

This function provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.
The distance the driver seat moves depends on where you have the driver

seat positioned when you place the ignition device to the **STOP** position.

- When you cycle the ignition device to the **STOP** position the driver seat:
  - will move about 2.36 in (60 mm) rearward if the driver seat position is greater than or equal to ca. 5.51 in (140 mm) forward of the rear stop;
  - will move to a position of ca. 3.15 in (80 mm) rearward of the rear stop if the driver seat position is between 5.51 in (140 mm) and 3.15 in (80 mm) forward of the rear stop.
- The seat will return to its previously set position when you place the ignition device into the **ON** position.
- The easy entry/exit function is disabled when the driver seat position is less than 3.15 in (80 mm) forward of the rear stop. In this position, there would be no benefit to the driver by moving the seat for easy exit or easy entry.

Each stored memory setting will have an associated easy entry/exit position.

NOTE:

The "Easy Entry/Exit" function can be enabled or disabled using the MIA system, refer to “Function of Settings Menu on MIA” in section “Dashboard Instruments and Controls” for further information.

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.

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.

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 by pressing the buttons on the key fob.

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:

- 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 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.

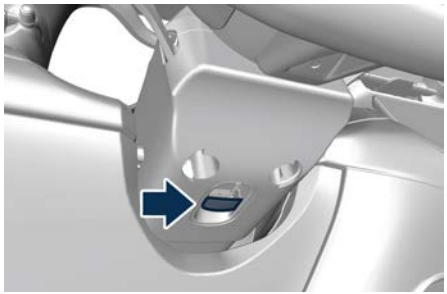
Steering Wheel Adjustment

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 optimized position.

NOTE:
Make sure that the distance between your upper body and the steering wheel is at least 10 in (25 cm).

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 may contain 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.

- The engine must be running for the heated steering wheel to operate.
- The heating of the steering wheel can start automatically when starting the engine 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 gray: 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 gray.

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 irritations 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.**

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.

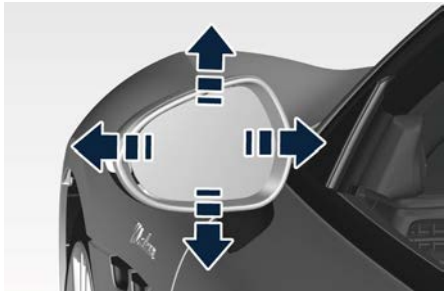
NOTE:

- **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 (OPT) is operational. For more details see chapter “Blind Spot Assist - BSA” in section “Driver Assistance Systems”.**

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.

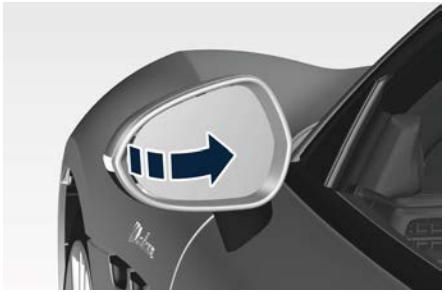
Tilt Side Mirrors In Reverse

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 trunk lid is closed and locked by pressing the button on the right ledge of the trunk lid interior trim . When the vehicle and the trunk 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 **0** move it to position to fold the mirrors.

Turn the inner ring to position **L**, **R** or **0** 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 (OPT)

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 maneuvers.

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.

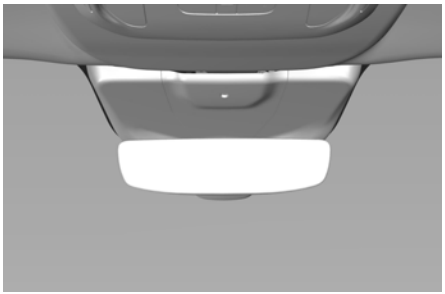
When in "DISPLAY MODE", it is possible to adjust the brightness and the camera viewing angle by pressing :

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.

"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.



Trunk Lid Operation

Power Trunk Lid/Hands free Operation (OPT)

Automatic opening and closing movement of the power trunk lid/Hands Free is driven by electric actuators and a motorized latch ensuring lid locking upon closing.
Power trunk 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 twice to indicate the opening or closing of the power trunk lid.

The button on key fob does not only allow user to completely open the power trunk lid, but also to stop it at any intermediate position by pressing twice the button again.

Then when the button on the key fob is pressed twice again, the power trunk lid movement is inverted.
The power trunk lid opening can be also operated from inside the vehicle pressing the button on front dome console.

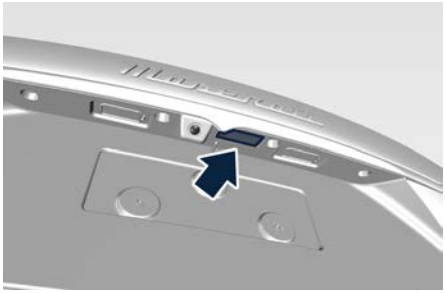
When the trunk lid is opening, by pressing again the button, it is possible to stop the trunk lid at any intermediate position and at this stage two cases are possible:

- by pressing and holding the button the trunk lid will open again.
- by pressing one time + pressing and holding the button the trunk lid will reverse the motion (closing).

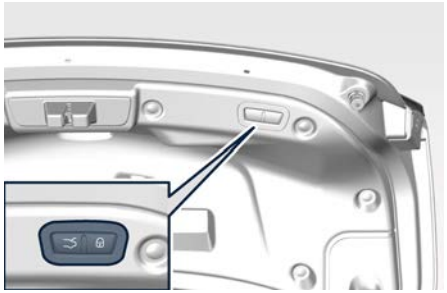
The close operation from button on front dome console requires to press and hold the button. To stop the trunk lid at any intermediate position, just stop pressing the button. After the trunk lid is stopped in this way, two cases are possible:

- by pressing and holding the button the trunk lid will reverse the motion (opening).
- by pressing one time + pressing and holding the button the trunk lid will close again.

In addition to these commands, it is possible open and close the power trunk 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 trunk lid will be opened and closed only if the “Passive Entry” system acknowledges the presence of the key fob within 3.3 ft (1 m) of the trunk lid.
Power trunk lid/Hands free uses the button in between the license 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 trunk lid is closed, you can open it completely, or by pressing the button again stop the opening process (after stopping, the trunk lid enters in manual mode and can be only moved manually).
While the trunk lid is closing, by pressing this button, the trunk lid can be stopped or by pressing the button again invert the movement and open it completely.
When the power trunk lid is open, to move it there are two buttons positioned on the right side of the outer edge of the trunk lid as indicated in figure.



When the trunk lid is completely open if you press and release the left button , the power trunk lid will be completely closed unless it is stopped;

- if instead the power trunk 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 trunk 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 trunk lid is completely open if you press and release the right button , the power trunk lid will be completely closed unless it is stopped;

- if instead the power trunk 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 trunk 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 trunk 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 trunk lid do not work if a gear is engaged or if the vehicle speed is higher than 0 MPH or km/h.**
- **The power trunk lid/Hands free system does not work with temperatures lower than −22 °F (−30 °C) or higher than 150 °F (65 °C).**
- **If the opening buttons or the handles are operated while the power trunk lid/Hands free is closing, the stroke of trunk lid stops. Pressing another time the same command it reverses movement and fully open.**
- **If the power trunk 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 trunk lid is closing and a gear is engaged, the trunk 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 trunk lid, wait the complete closure of the trunk 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 trunk 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 trunk lid must remain open while driving, close all the windows and activate the fan of the air conditioning control at the maximum speed to force the air out of the vehicle to avoid exhaust emission intrusion. Do not activate recirculation.

Close and Lock with Key Fobs inside the Vehicle

If the key fob and the wearable activity key are let inside the car and the button on the outer edge of the trunk 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 trunk lid lock procedure, 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.**

Set the Position of Maximum Power Trunk Lid Opening

The maximum opening position of the trunk lid can be modified using the previously described buttons on the right side of the outer edge of the trunk lid.

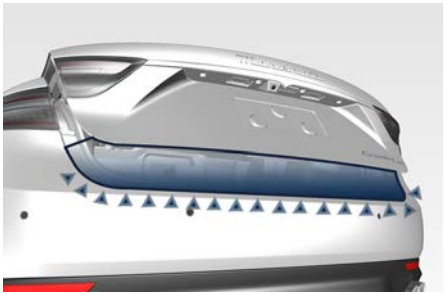
1. Activate the trunk lid and stop it in the new maximum opening position to be set, by pressing the left button.
2. Press the left or right buttons and keep it pressed for 3 seconds.
3. Release the button (pressed in the previous point). Upon the following opening controls, the trunk lid will stop in the stored position.

If you want to reset the maximum possible opening position of the trunk lid, proceed as described below starting from the previously set opening position.

1. Manually push the trunk lid to the maximum possible opening position.
2. Repeat the previously performed steps 2 and 3.

Power Trunk Lid Automatic Safe Movement

Power trunk 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 trunk lid starts closing/opening, all the indicators will blink and a chime will sound to warn anyone within range.

When power trunk lid edge reaches the car body, the motor locking the latch is activated automatically.

If necessary, the power trunk lid can also be opened or closed manually. This operation could be required when the trunk 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 trunk lid. To reactivate this function, perform a reset cycle by carrying out a complete opening/closing sequence, after manually closing the trunk lid.

WARNING!

- **Activate power trunk lid/Hand free only when vehicle is at a standstill to not obstruct rear visibility.**
- **Always pay utmost attention when opening and closing the trunk 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 trunk lid/Hand free is completely closed.**

CAUTION!

- Under extreme weather conditions, trunk lid seal could freeze and compromise power trunk lid automatic opening and closing.
- Before opening power trunk lid, make sure that no objects or snow are set on trunk lid or might jam or prevent its opening.

Hands Free Power Trunk Lid Release and Closing (OPT)

"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 trunk 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 3.3 ft (1 m) of the power trunk 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 trunk lid, stand behind the vehicle, near the trunk 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!

- **Pay careful attention to the exhaust tailpipes as they can reach high temperatures and, in case of contact, they can cause severe burns.**
- **When it is not necessary to open the power trunk lid with the “Hands Free” mode, make sure the key fob is outside the range of use (3.3 ft/1 m). Otherwise, the power trunk lid can be opened accidentally by an unintentional movement of the foot.**

NOTE:

During manual or automatic car washing, make sure the key fob is outside the range of use (3.3 ft/1 m).

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 trunk lid within two seconds.

If closed, with the foot movement the Hands free will:

- unlock and completely open the power trunk lid;
- after another kick, will stop the power trunk 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 trunk 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 trunk 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 trunk lid release function through Hands free. For example, when washing the vehicle, a water jet aimed at the sensor area may trigger the power trunk lid release function through Hands free. Keep the key fob away from the sensing range of the sensors (10 ft/3 m). A key fob located in the front seat passenger area is considered out of range of the Hands free trunk lid release sensor.**
- **If somebody or something knocks against the power trunk lid while it is moving using Hands free, the safety system might stop lid opening or closing movement.**

Trunk 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 engine compartment (see "Auxiliary Jump-Start Procedure" in section "In an Emergency"). Then it is possible to normally unlock and open the trunk lid by using the key fob or the button on the dome console.

Have the vehicle checked by an **Authorized Maserati Dealer**.

Emergency Exit form Inside the Trunk

WARNING!

Do not allow children to have access to the trunk compartment. Always close the trunk lid when your vehicle is unattended. Once in the trunk compartment, young children may not be able to escape. If trapped in the trunk, children can die from suffocation or heat stroke.

If someone remains closed inside the trunk accidentally, the trunk lid can be opened from the inside by pulling the phosphorescent indicated handle, located on the internal trim of the trunk lid.

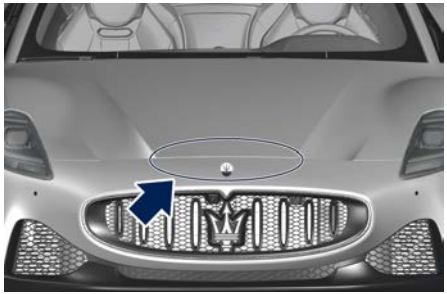
Open and Close the Hood

Opening

Two latches must be released to open the hood.

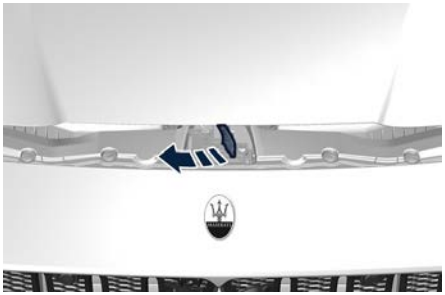
- From inside the vehicle, pull the hood release lever located under the left lower side of the dashboard.

- Move to the outside and stand in front of the vehicle front grille.



- Slightly lift the hood and push the safety catch as indicated by the arrow.

The safety catch is located in the center of the hood.

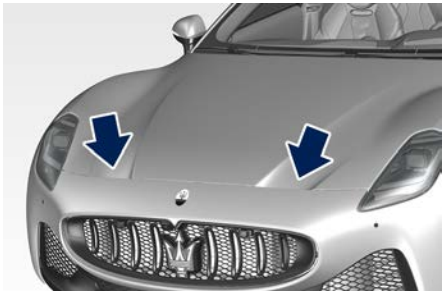


- Lift the hood completely: this operation is facilitated by two gas struts keeping the fully open position.

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.

WARNING!

Gear shifting is always active and may be performed even when one or more doors, the hood or the trunk 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. It could injure the occupants during a brake or in an accident.

CAUTION!

Do not place objects weighing over 22 lb (10 kg) 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 memorize and take note of the PIN since if it is lost, you must contact an **Authorized Maserati Dealer** that will reset this function.

NOTE:

- **"Glove Box Mode" and "Valet Mode" cannot 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 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 molding near the door to access the actuator unlocking lever.

Considering the complexity of this operation, we recommend you to contact an **Authorized Maserati Dealer**.

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

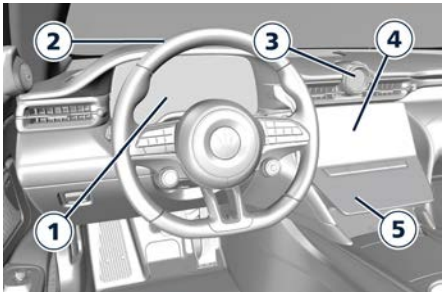
To exit Valet Mode function touch the "Exit Valet Mode" soft-key in the "Welcome" pop-up at key on. Deactivate the function by entering the lock PIN code as previously specified.

NOTE:

Valet Mode function cannot be deactivated while the vehicle is in motion.

4 - Dashboard Instruments and Controls

On-Board Instrumentation Overview



1 Instrument cluster (page 127)
2 Head Up Display (HUD) (OPT) (page 139)
3 Smart clock (page 184)
4 MIA display (page 155)
5 Comfort display (page 185)

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.**

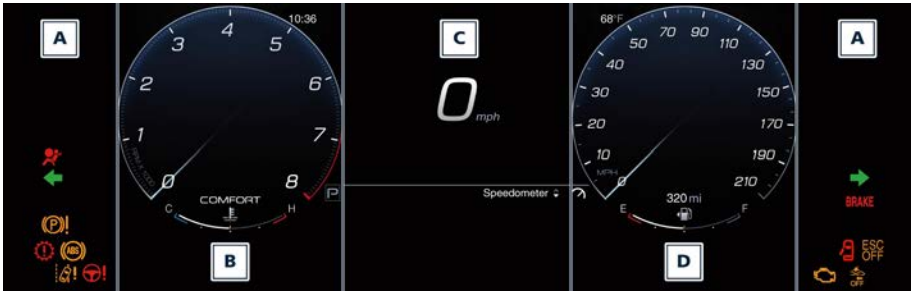
Operational Safety

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.

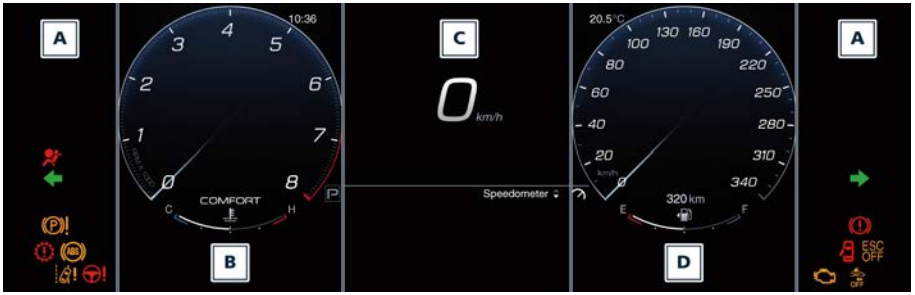
Instrument Cluster Overview

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: COMFORT mode in classic layout).
B WIDGET area (trip, quick actions, widgets, etc.).
C MAIN MENU area (speedometer, navigation, stored messages, etc.)
D ADAS area.



United States Market



Canadian Market

U.S. Federal Regulations requires that upon transfer of vehicle ownership, the seller certify to the purchaser the correct mileage that the vehicle has been driven. If your odometer needs to be repaired or serviced, the repair technician should leave the odometer reading the same as it was before the repair or service. This repair should be performed by an Authorized Maserati Dealer. The odometer setting should be maintained following the repair or service. Keep a record of the odometer mileage before any repair or service to ensure that the odometer is properly reset.

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.

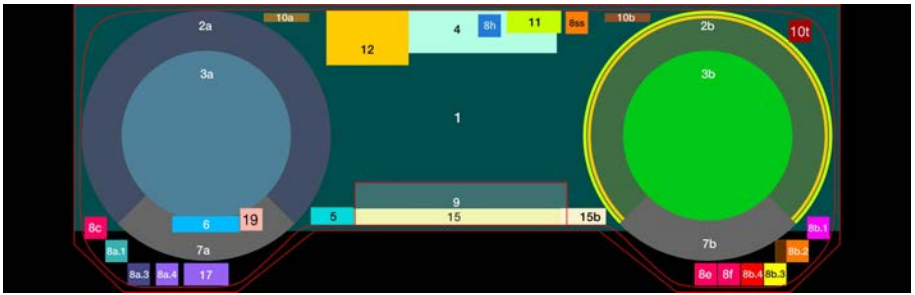
Areas List

The following list is valid for all drive mode layouts: some items may only be present in some layouts.

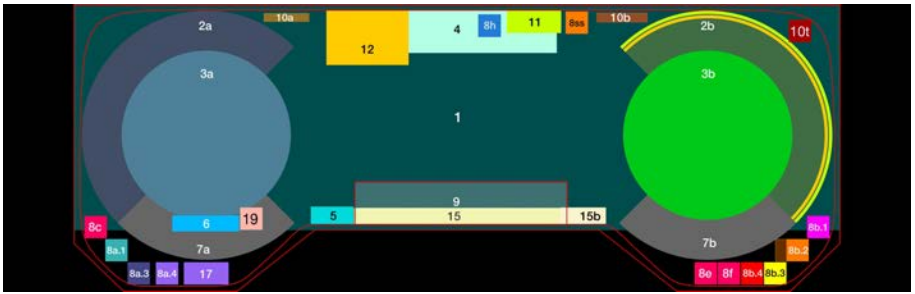
1 Main Screen
2a Tachometer dial
2b Speedometer dial
3a Customizable widget
3b ADAS widget
4 Digital Speedometer
5 Current gear indicator light
6 Drive mode
7a Dynamic bar of engine coolant temperature
7b Dynamic bar of fuel economy
8a.1 Rear fog light indicator light
8a.3 Parking lights indicator light
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
8e Active Lane Management deactivation light
8f Forward collision warning light
8h Active HOLD indicator light (displayed only at a standstill)
8ss Start and Stop indicator light
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

16 Shift light
17 Lifter indicator light
19 Suspensions indicator light
20 Launch control indicator light (overwrites area 19 when in SPORT mode)

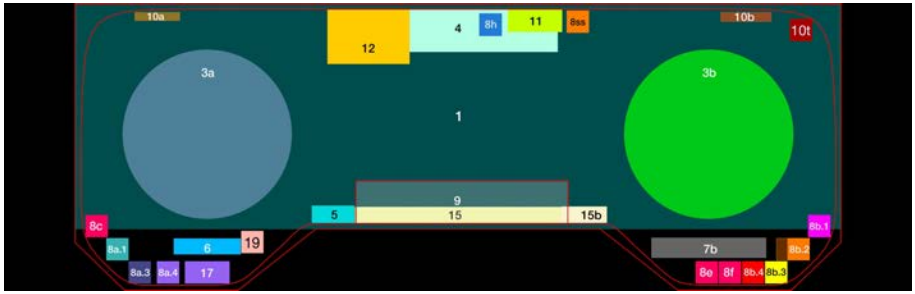
NOTE:
For the description of the contents that can be displayed on the instrument cluster, see “Instrument Cluster Settings and Menu Overview" in this section.



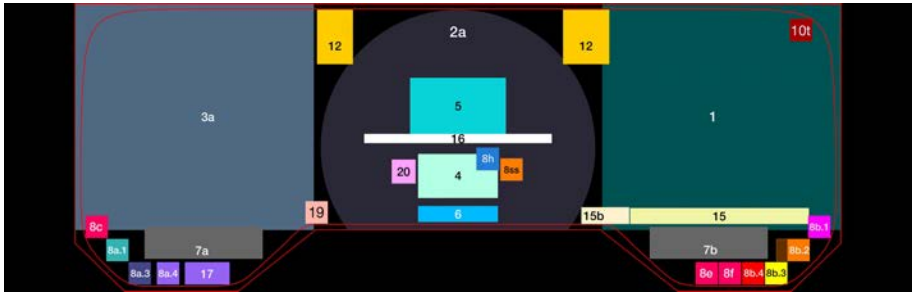
Classic Layout



Evolved Layout



Relaxed Layout



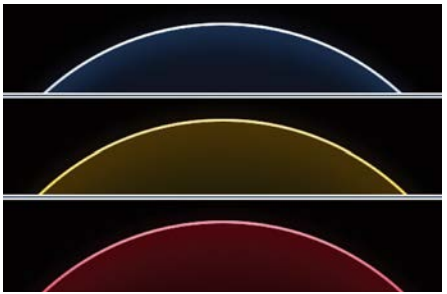
CORSA Layout

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:



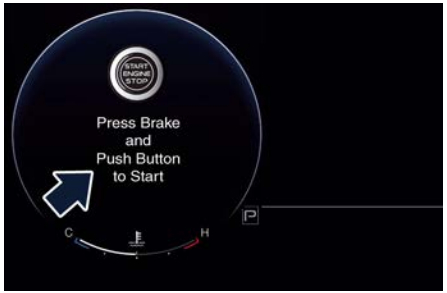
- No color: no telltale related message.
- Yellow color: amber telltale related message.
- Red color: red telltale related message.

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.

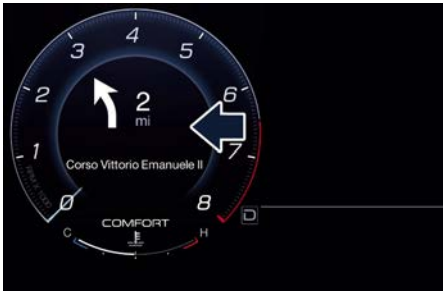
Pop up Messages with Ignition Device in ON

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 328 ft (100 m) from the turning point and the countdown to 0 miles/meters.



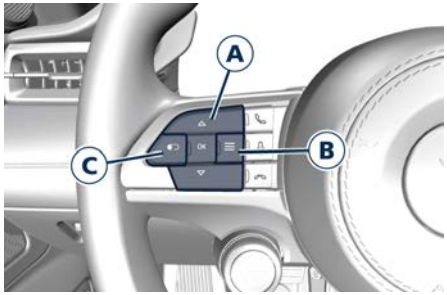
While getting closer to a turn, the sections referred to the distance already traveled will switch off while the ones referred to the distance yet to be traveled will remain on.

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

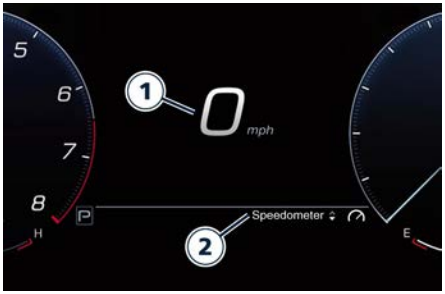
Setting Controls

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).

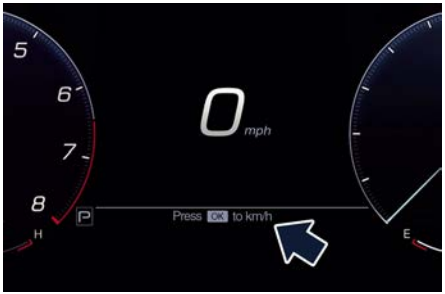


Press and release the △ or ▽ to scroll upwards and downwards the main menu titles.

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.

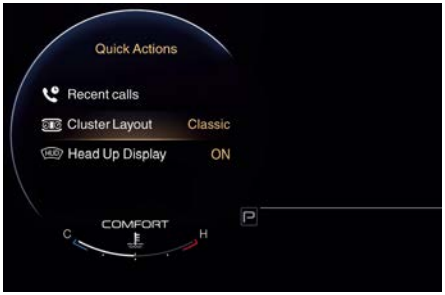


To enter the Quick Actions Menu, click the ☰ button.

An overview of the submenus is displayed in the left dial on the instrument cluster.

Scroll the different submenus with the △ or ▽ button, choosing one of them with OK.

It is possible to exit Quick Actions Menu by pressing the ☰, 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 and the order of widgets can be set from the MIA display.

The element with different color 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 (if foreseen)
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).

Quick Actions Overview

1 Recent Calls
2 Cluster Layout
3 Head Up Display (HUD) (OPT)

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 △ 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 △ or ▽ button until this menu item is displayed. Pressing the OK button you can enter in zoom modality: short press △ 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™ or Android Auto™, 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.**

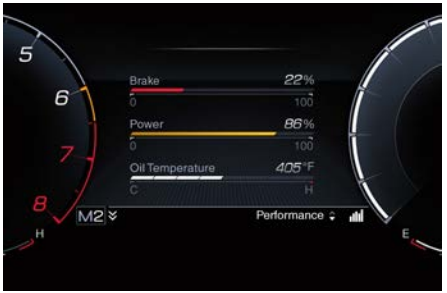
3. PERFORMANCE

Press and release the △ or ▽ button until this menu item is displayed. Performance page contents automatically changes according to the selected drive mode.

- In Comfort Drive Mode, Current and Average Consumption are displayed. Instantaneous value, according to currently selected unit of measurement, is visualized both in numbers and with a bar graph. The average value can be reset with a long press of the OK button on the steering wheel.

- In GT Drive Mode, Consumption History is displayed. This screen is composed by a consumption bar graph 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 color than the other columns. The horizontal amber line represents the average consumption

- In Sport Drive Mode, sport gauges (Brake, Power and Oil 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 engine oil temperature is white colored if in normal operating ranges; it becomes red and is shown with a pop-up message if it is too high.



- In Corsa Drive Mode, sport gauges (Torque, Turbo and Oil Pressure) are displayed. Instantaneous turbo boost pressure (Turbo) and engine torque (Torque) are represented in withe bars. The engine oil pressure is white colored if in normal operating ranges; it becomes red and is shown with a pop-up message if it is too low.

- In Sport and Corsa (Trofeo only) 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.

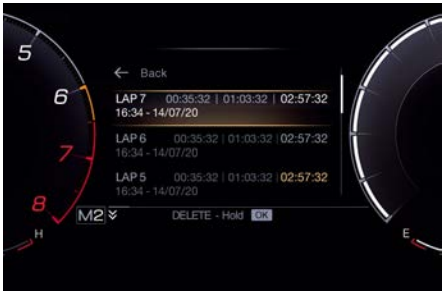
At the same time, when in recording page, the chrono content overlaps the current smart clock theme with the following visualization:

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 colored 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.

Also the progress bars in the recording page follow the same coloring 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 (if foreseen)

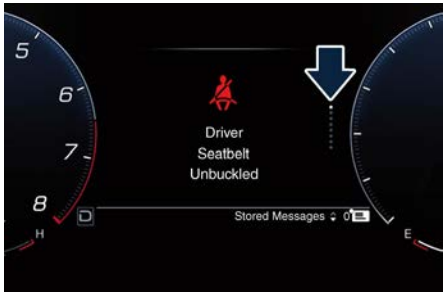
Press and release the △ or ▽ button until this menu item is displayed. Driver Assist page displays the current status of ACC, BSA, Active Lane Management and Active Driving Assist if these functions are available on the vehicle. ADA can be visualized into the speed dial or in the main menu screen.

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.

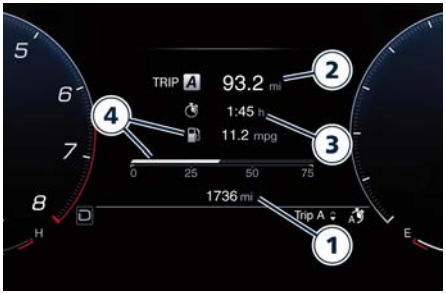


6-7. TRIP A / TRIP B (when active)

Press and release the △ 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.



Quick Actions Contents

1. RECENT CALLS

Press and release the △ 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 grayed and filled with a " No phone connected" message.**

During multiphone connection, information available in cluster depends on phone priority defined on MIA display; favorite 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 cannot 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 grayed.**

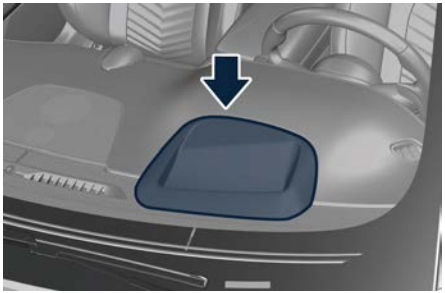
2. CLUSTER LAYOUT

Press and release the △ 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

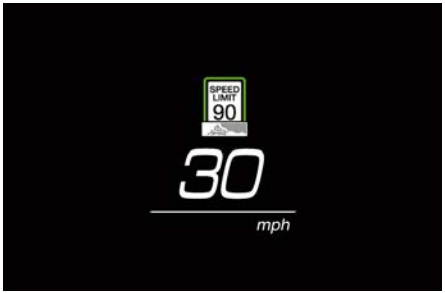
3. HEAD UP DISPLAY (HUD) (OPT)

Press and release the △ 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: Shift light, 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™ 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.**

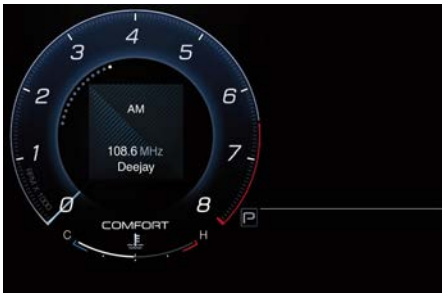
When no external device is connected, Media widget is replaced by the Radio one which displays FM or AM radio information following these priorities:

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



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.

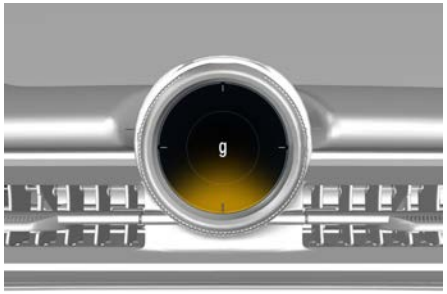
G-METER

G-Meter content shows the acceleration with the vertical and horizontal values.
G-Meter are shown in two different layout:

- Base layout for GT, Comfort 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)



Filling of the halo is related to the real time acceleration value and it fills from the center 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 center 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.
When the peak visualization timeout expires and the acceleration is below the threshold:

- In Comfort, 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 colored 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 "—".

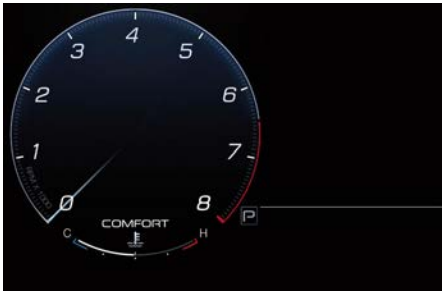
TIME and WEATHER

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°)

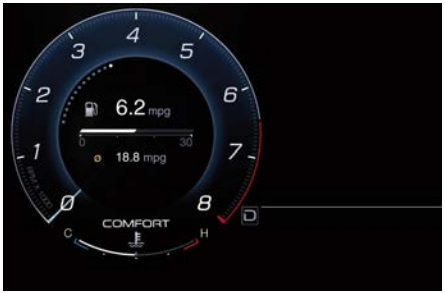
BLANK (no-widget)

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 MPH or km/h or when the gas pedal 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 engine torque is represented by the filling of the gauge near each wheel. If the signal is not available the graphic is grayed out. The widget shall have 50% of torque on the front axle (25% for each wheel) and 100% on rear axle (50% maximum for each rear wheel) as a maximum value. 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). The car graphics will vary according to the model and version. 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.

Airbag 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 engine, stays lit, or switches on while driving, have the system checked at an **Authorized Maserati Dealer** 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 Authorized Maserati Dealer 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 an **Authorized Maserati Dealer**.

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.

NOTE:

After battery disconnection event, the warning light may be on. In this case, start the engine and perform a steering wheel stroke end to end to switch off the warning light.

If the problem persists, contact an **Authorized Maserati Dealer**.

Brake Warning Light

US

CDN

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 mat 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 an **Authorized Maserati Dealer** 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) 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 an **Authorized Maserati Dealer**.
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 an Authorized Maserati Dealer.

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 5 MPH (8 km/h) 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 though its controls.
If it is still possible to use the vehicle (parking brake not engaged) drive to the nearest **Authorized Maserati Dealer** 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 **BRAKE** (US market) or (CDN market) 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 an **Authorized Maserati Dealer** 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 maneuvers and eventually an ignition cycle, contact an **Authorized Maserati Dealer**.

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 engine.
If the light stays on with the engine 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 kilometers at more than 30 MPH (48 km/h) speed, visit an **Authorized Maserati Dealer** 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.

Malfunction Indicator Light (MIL)

The Malfunction Indicator Light (MIL) is part of an onboard diagnostic system that monitors engine and transmission control systems.
Under normal conditions, this indicator light should switch on when the ignition device is in **ON** position and switch off as soon as the engine is started.
This is a sign of the indicator light working properly. If the indicator remains lighted up or switches on while driving, there is a failure in the fuel supply/ignition and emission control systems.
The failure could cause high exhaust emissions, loss of performance, poor vehicle handling and high consumption levels.
Under these conditions you can proceed slowly without forcing the engine or driving at high speeds. The indicator light will switch off if the problem is solved.
The error will be registered by the system in any case.

CAUTION!
- When the ignition device is in the **ON** position and if the indicator light does not switch on or if it switches on while driving, contact an **Authorized Maserati Dealer** as soon as possible.
- Prolonged driving with the MIL on could cause damage to the engine control system. It also could affect fuel economy and drivability.
- The warning light flashes to indicate operating states which might lead to damage in catalytic converter and engine performance degradation. A drive mode change occur. If this occur immediately reduce the vehicle speed and engine load. The warning light should switch off after the critical range is left.
- If the warning light continues to flash or it switches to solid lamp, it indicates a persistent fault in the engine management system that may cause a severe damage to catalytic converter and a power loss could occur. In this case contact immediately an **Authorized Maserati Dealer**.

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 engine 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 an **Authorized Maserati Dealer**. 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 an **Authorized Maserati Dealer**.

Engine Coolant Temperature Warning Light

This warning light notifies when the coolant temperature is too high and the engine is overheated. If the coolant temperature reaches critical levels, this warning light will illuminate combined with the related message on display. When the coolant temperature is reaching the set threshold an acoustic signal will be heard.
If the warning light switches on while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into N (Neutral) and idle the vehicle. If the coolant temperature does not return to normal, immediately turn the engine off and contact an **Authorized Maserati Dealer**. Check "Engine Overheating" in section "In an Emergency" for more information.

Low Oil Pressure Warning Light

Under normal conditions, the warning light illuminates when the ignition device is turned to **ON** and goes off as soon as the engine is started.
If the warning light stays or turns on while driving, the engine oil pressure is too low. The warning light is combined with a displayed message and an acoustic signal that will last 4 minutes. In this case, turn the engine off immediately and carry out the necessary checks.
Do not operate the vehicle until the problem has been solved. This warning light does not indicate the oil level. If the problem persists, contact an **Authorized Maserati Dealer**.

Engine Oil Temperature Warning Light

This warning light indicates that the engine oil is overheated. The warning light is combined with the related displayed message.
In this case, drive carefully until the temperature drops back to normal level and the warning light indicator turns off.
If the problem persists, contact an **Authorized Maserati Dealer**.

Overfilling of Engine Oil Warning Light

This warning light and the related displayed message, indicate a too high engine oil level. In this case engine oil level must be checked and reported to the correct level. Contact an **Authorized Maserati Dealer** to perform this operation.

Airbag 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 engine, stays lit, or switches on while driving, have the system checked at an **Authorized Maserati Dealer** 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 Authorized Maserati Dealer as soon as possible.

Seat Belt Reminder Indicator Light

When the ignition device is in **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".

Traffic Sign Assist (TSA) Indicator Lights

Speed limit unconditioned signs (in example: 80 MPH), 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 an **Authorized Maserati Dealer** as soon as possible.

Electronic Throttle Control (ETC) Indicator Light

This indicator light indicates a failure of the Electronic Throttle Control (ETC) system. If the indicator turns on while driving (a torque decrease is possible), have the system checked by an **Authorized Maserati Dealer**.
When detecting a failure, the light indicator will illuminate while the engine is running.
If the indicator remains lit with the engine running, you can still drive your vehicle. However, contact an **Authorized Maserati Dealer** as soon as possible.
If the indicator is flashing while the engine is running, immediate service is required. You may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

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.

Contact an **Authorized Maserati Dealer** as soon as possible.

Brake Pads Wear Warning Light

US

CDN

This warning light and the related message indicate that the brake pads have reached their wear limit.

Please contact an **Authorized Maserati Dealer** 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 engine is 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.

Electronic Differential (e-DIFF) Fault (Trofeo only)

This warning light indicates a fault on the electronic differential.

Contact an **Authorized Maserati Dealer** as soon as possible.

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 engine at idle until the temperature drops and the light switches off. If the problem persists, contact an **Authorized Maserati Dealer**.

CAUTION!

Continuous driving with the transmission temperature warning light illuminated will eventually cause severe transmission damage or failure.

Low Fuel Indicator Light

When the fuel level reaches approximately 3.17 Gallons (12 liters) this indicator light at the end of the fuel economy dynamic bar, normally white, will turn on in amber, and remain on until fuel is added together with the related message.

Refer to "Refueling" in section "Driving and Driver Assistance Systems" for fuel filling.

Ice Hazard Indicator Light

When the external temperature falls below 38°F (3°C), 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 43°F (6°C) or higher.

Rain Sensor Failure Warning Light

This warning light illuminates in the case of failure of the automatic windscreen wiper. Contact an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** 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 engine immobilizer system. In this case contact an **Authorized Maserati Dealer** 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 engine is started and the key fob is not recognized by the system.
- to report an antitheft system failure.

Fuel Filler Cap Open Warning Light

After refueling the car performs a check of the fuel filler cap and this warning light comes on if it is not correctly closed, after approximately 10 minutes also depending on driving conditions. See “Refueling” in section “Driving and Driver Assistance Systems” for more details.

CAUTION!
Do not drive with this warning light on. Check that the fuel filler cap is tightened correctly.

Oil Level Sensor Fault

This warning light illuminates to signal a failure of the sensor that detects the engine oil level. Contact an **Authorized Maserati Dealer** as soon as possible.

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 an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** 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 **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** as soon as possible.

Suspension System Failure Warning Light

This warning light illuminates to report a failure of the suspension system. Contact an **Authorized Maserati Dealer** as soon as possible.

Windshield Wiper Failure Warning Light

This warning light illuminates to indicate a windshield wiper failure. Contact an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** 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 engine 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 an **Authorized Maserati Dealer** as soon as possible.

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 an **Authorized Maserati Dealer** as soon as possible to have the failure eliminated.

Suspension Lifter System Failure Warning Light due to payload

This warning light illuminates to indicate a excessive payload on the suspension lifter system. In this case lighten the vehicle to get the warning light switched off.

Forward Collision Warning (FCW) and Pedestrian Emergency Braking (PEB) Fault

This warning light informs that FCW and/or 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 an **Authorized Maserati Dealer**.
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 an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** 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.

Start&Stop Failure Warning Light

This warning light illuminates when there is a failure in the Start&Stop system. Switch the engine on or off using the normal procedure with the ignition device **START/STOP** and have the vehicle checked at an **Authorized Maserati Dealer**.

Start&Stop Active Indicator Light

This indicator light indicates that the engine has been switched off automatically by the Start&Stop system.
When the engine starts again, this indicator light will switch off.
See chapter “Automatic Start&Stop System” in section “Driving and Driver Assistance Systems” 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.

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 canceled (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.

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”.

Cruise Control (CC) Ready or Canceled

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 canceled (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 Canceled

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 canceled (set speed in white below). For further details, refer to “Adaptive Cruise Control - ACC” in section “Driving and Driver Assistance Systems”.

Start&Stop Disable Indicator Light

This indicator light illuminates when Start&Stop system is not available in the conditions described in "Start&Stop Function Disabling" of the “Automatic Start&Stop System” chapter, or the system is turned off through the controls on the right side of the steering wheel or through the relevant soft-key on MIA. See chapter “Automatic Start&Stop System” of section “Driving and Driver Assistance Systems” for further information.

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”.

Gear Shift Indicator Light

This indicator lights up to indicate gear shift change in order to optimize fuel consumption.

See “Automatic Transmission” in section “Driving and Driver

Assistance Systems" for further information.

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.

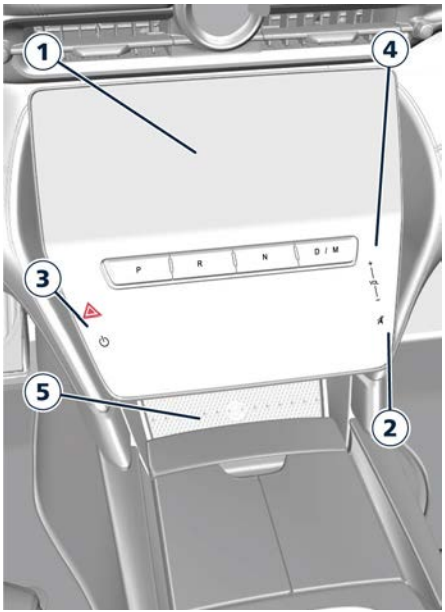
The MIA system features an audio system which is acoustically optimized for this specific vehicle.

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.

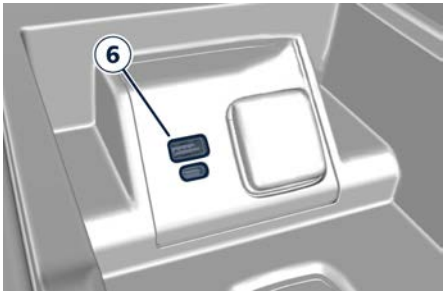
3 "⏻" ON/OFF capacitive touch button
Press this capacitive touch button to turn the MIA system on or off.

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).

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.

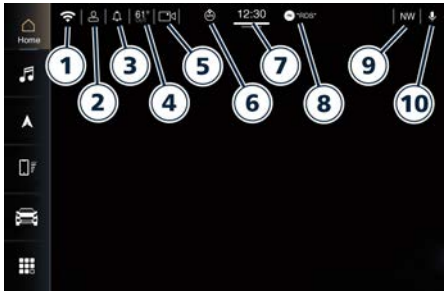
5 Wireless Charger (OPT)
The Wireless Charger allows you to recharge your mobile phone (if it supports this technology) without having to connect it to the charging port through a cable (see “Internal Equipment” in section “Understanding the Vehicle”).

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 customized according to personal requirements, as explained in "Customizing 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.

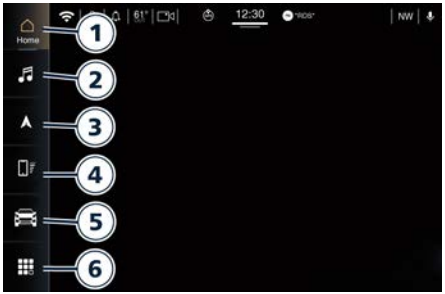


1 Wi-Fi Hotspot ( ) (customizable).
2 Profiles (customizable).
3 Notifications (customizable).
4 Outside Temperature (customizable).
5 Rear View Camera (customizable).
6 Geolocation.
7 Clock.
8 Status Alert Box.
9 Compass (customizable).
10 Passenger Voice Recognition - VR (customizable).

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 "Customizing 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 (if equipped)
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", "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 "Favorites", "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.

Customizing 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 customized 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, Oil Level, Tire Pressure and Drive Mode Explorer. 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 kilometers 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.
- An overview of the vehicle with information on oil level. A symbol will appear on top of the engine highlighted in red in case of warning.

NOTE:
- **Touching the symbol, the page will jump on the Tire Pressure page.**
- **Touching the symbol, the page will jump on the Oil Level page.**

NOTE:
- **If no tire warning are detected, no symbol will be shown.**
- **If no oil level 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).
The car graphics will vary according to the model and version.
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.

Oil Level

Touching this soft-key, "My Car" Oil Level page shows the current oil level. Follow the instruction on the screen to have an updated reading. If the bar lever is highlighted in red, a pop up message with the related icon will be shown on the instrument cluster.

Drive Mode Explorer

Touching this soft-key, the "Drive Mode Explorer" page shows how different vehicle dynamics parameters are configured in the various drive modes.

The screen shows information related to the currently selected drive mode.

NOTE:
- **The other drive modes information can be viewed by tapping on the corresponding drive mode label only when the vehicle is stationary.**
- **When the vehicle starts moving, the current drive mode information is automatically displayed and the focus is on the current drive mode. The other drive modes buttons are disabled.**

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.

NOTE:
Available Performance contents vary according to vehicle model and equipment.

Performance Pages contents are: Technical Gauges, Consumption history, 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.

Technical Gauges

Touching this soft key, the Performance "Technical Gauges" page shows three different gauges: Boost pressure (turbo), Engine Torque and Oil Pressure.

Consumption History

Touching this soft key, the Performance "Consumption History” page shows a specific histogram.
This screen is composed by a consumption bar graph 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 color than the other columns. The horizontal amber line represents the average consumption.

NOTE:
If the latest sample is not available the system will leave an empty column on the display.

The user can reset all the stored data by pressing on the dedicated soft-key. When the user taps on the reset soft-key, a confirmation pop up will appear; scroll and push to confirm or touch “No” soft-key.

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:

- 0-60 MPH and 0-100 MPH time
- 1/8 mile time and speed
- 1/4 mile 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: Oil Temperature, Transmission Temperature, 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 model/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 "Understanding the Vehicle" 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

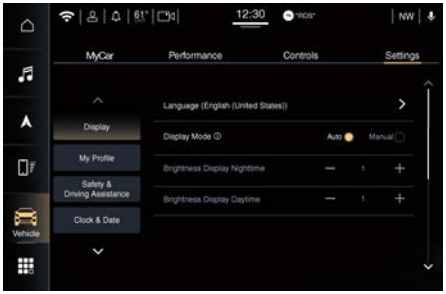
The MIA system uses a combination of keys able to access and change the customer programmable functions present in the "Controls" or "Settings" menu of the "Vehicle" screen page.
A shortcut to set the customer programmable functions is available in the "Apps" screen page.
Once you enter the “Settings” 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 model/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 ⋀ until the function to be set is displayed. Touching the ⋀ 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 behavior 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 behavior 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 gray.

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, 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 (if equipped). The available languages are specific to the target markets.
- **Display Mode**
  When in this display, you can select “Auto” or "Manual" mode.
- **Brightness Display Nighttime**
  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.
- **Brightness Display Daytime**
  When "Display Mode" is in "Manual" mode, you can select the brightness (day condition). Adjust the brightness as previously explained for "Nighttime" 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 (if equipped). The following selectable units of measure are listed below:
  - **Speed** unit:
    select from: “MPH” or “km/h”.
  - **Distance** unit:
    select from: “mi” or “km”.
  - **Pressure** unit:
    select from: “psi”, “kPa” or“bar”.
  - **Temperature** unit:
    select from: “°F” or “°C”.
  - **Fuel Consumption** unit:
    select from: “MPG (US)”, “MPG (UK)”, “l/100km” and “km/l”.
  - **Power** unit:
    select from: “HP (US)”, “HP (UK)” or “kW”.
  - **Torque** unit:
    select from:“lb-ft”or“Nm”.
- **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 favorite 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", "On" or "Warning".
  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 present in the setting list, it can be set on in "warning + active braking"; if PEB setting is not present in the setting list, it is always active.
- **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 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 7 MPH (11 km/h).
  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 selected, when the vehicle move backwards in R (Reverse mode) at a very low speed 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.
- **Hill Start Assist**
  By selecting and check-mark this function, this system provides start assistance when the vehicle is on an incline.

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 synchronized with the radio signal.
  It is also possible to set automatic synchronization 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 an Authorized Maserati Dealer 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 8 MPH (13 km/h).
- **Surround View Camera Guidelines**
  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 8 MPH (13 km/h).

- **Rear View Camera Active Guidelines**
  By selecting this function, rear view camera guidelines are displayed on the screen.
- **Virtual Wall** (OPT)
  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 trunk lid is closed and locked by pressing the button on the right side of the outer edge of the trunk lid. When the vehicle and the trunk 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.

Lights

Press the “Lights” soft-key to set the following modes.

- **Headlight Off Delay**
  To change the current headlight off delay status when the engine is 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.
- **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.
- **Sound Horn with Remote Start**
  When this function is selected, the horn will sound when you use the Maserati Connect App to start the engine. See “Remote Start System” in section “Driving and Driver Assistance Systems” for further details.
- **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.
- **Passive Entry**
  This function allows you to lock and unlock the vehicle door(s) without having to push the key fob or buttons. By selecting this function, “Passive Entry” may be set to “On” or “Off”.
  The default status is “On”.
- **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 Trunk Lid Alert** ()
  By selecting this function, the system plays an alert when the power trunk lid is raising or lowering.
- **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.

- **Easy Exit Seats**
  When this function is selected, the driver's seat will automatically move rearward once the engine is shut off for easy exit of the vehicle.
- **Auto-on Comfort**
  This function allows to activate the comfort of the driving seat when starting the engine.
  If equipped, the driver’s heated/vented seat and/or heated steering wheel will automatically activate by temperatures below 40°F (4°C). When temperatures are above 80°F (26°C) the driver vented seat will turn on.
  If the vehicle is equipped with the remote start system, you can choose from the following options: “Off”, “Remote Start” (activation of this function when you use the Maserati Connect App to start the engine) and “All Starts” (activation of this function when you start the engine in all modes).

Key Off Options

This function allows you to set some functions after turning off the engine.

- **Easy Exit Seats**
  When this function is selected, the driver's seat will automatically move rearward once the engine is shut off for easy exit of the vehicle.
- **Headlight Off Delay**
  To change the current headlight off delay status when the engine is shut off, touch the “+” or “–” soft-keys to adjust the desired time range.
- **Auto Entry/Exit Suspension** ()
  Select this mode to automatically lower vehicle to minimum ground clearance when driver takes transmission to P (Park) mode to help entry into and exit from the vehicle and unloading of cargo from the trunk compartment.
- **Radio Off Delay**
  To change the current radio off delay status when the engine is 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 Leveling)
  Select this mode to disable the pneumatic suspension to avoid automatic leveling, 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.

SiriusXM Setup

After pressing the “SiriusXM Setup” soft-key the following settings will be available.

- **Tune Start**
  “Tune Start” begins playing the current song from the beginning when you tune to a music channel, so you can enjoy the complete song. “Tune Start” works in the background, so you will not even realize it’s on, except that you will miss the experience of joining your favorite song with only a few seconds left to play.

- **Channel Skip**
  SiriusXM can be programmed to designate a group of channels that are the most desirable to listen to or to exclude undesirable channels while scanning. To make your selection, touch the Channel Skip soft-key, select the channels you would like to skip followed by pressing the arrow < soft-key.
- **Subscription Information**
  SiriusXM Satellite Radio requires a user-paid subscription to access these stations.
  It will be necessary to access the information on the Subscription Information Screen in order to subscribe. Touch the Subscription Info soft-key to access your receiver ID number. Write down the SiriusXM ID numbers for your radio. To activate SiriusXM service, either call the number listed on the screen or visit SiriusXM online at www.siriusxm.com/subscriptions or call the number listed.

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.**

(Continued)

(Continued)
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 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.

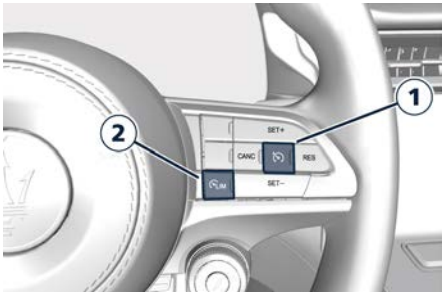
7. The “Bluetooth Pairing” screen with a randomly generated pin will be displayed. Touch “Search" for Bluetooth Devices” soft-key. On your phone the available devices are usually in the “Settings” or “Bluetooth Options” menus. If not so, look up in your phone's manual. A randomly generated pin will be 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 favorites or connect Apple CarPlay™ (see “Maserati Intelligent Assistant™ (MIA)” guide for further information).

Controls on Steering Wheel

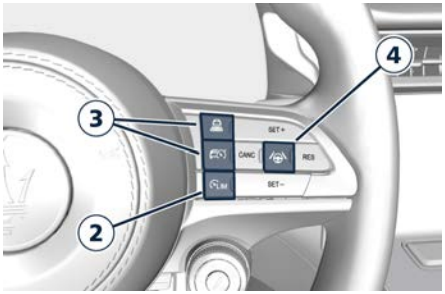
ADAS Controls

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.

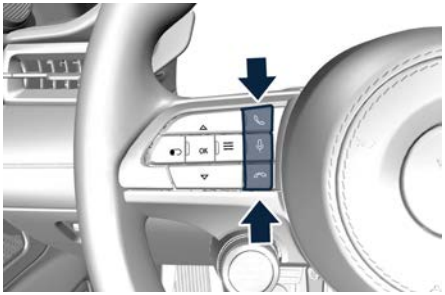


Optional Configuration

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 Assistance™ (MIA)" guide.

NOTE:
On the Maserati website, at www.maserati.com, or through an Authorized Maserati Dealer 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 Assistance™ 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 conversional 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 recognize 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.

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” and “Android Auto” or those of the voice assistants: Siri,

Google Voice, etc..., supported on the mobile paired via Bluetooth® to the MIA. 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 gray 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 canceled and will open the voice settings page.

At the top center 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 canceled 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.

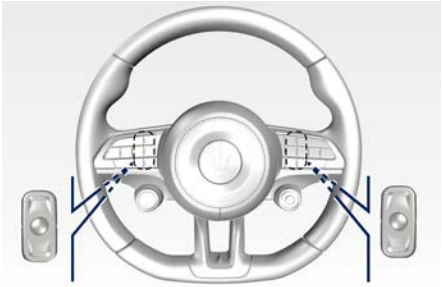
Siri requires mobile internet access and its functionality might change depending on the geographical area.

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 center and are located on the rear side of the steering wheel, right behind the front switches.



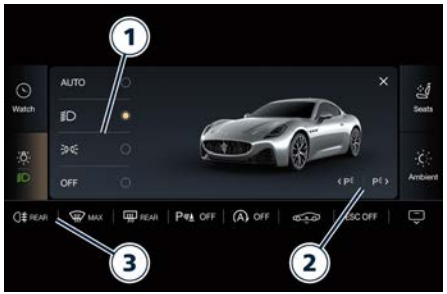
Press any button to display information on the radio station or track being listened to inside a pop up for 2 seconds on instrument cluster.
The right-hand control manages the volume.
By pressing the top of the rocker switch you can increase the volume and by pressing the bottom of the rocker switch you can lower it. Press the center button to mute the volume.
The left-hand control functions depend on the current source. To change source, press the center 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

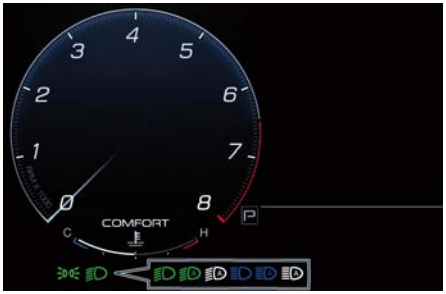
Controls on Comfort Display

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:

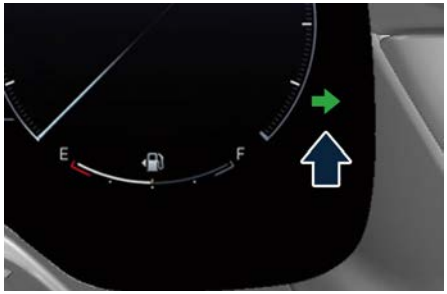
1. External lights soft-keys
2. Parking lights soft-keys
3. Rear fog lights soft-key



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).



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.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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	

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.

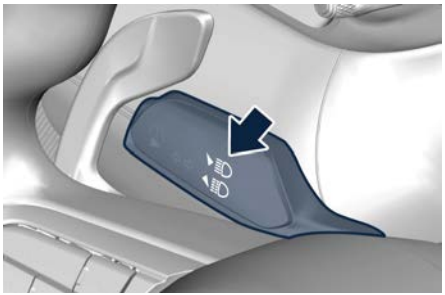
Daytime Running Lights (DRL)

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.

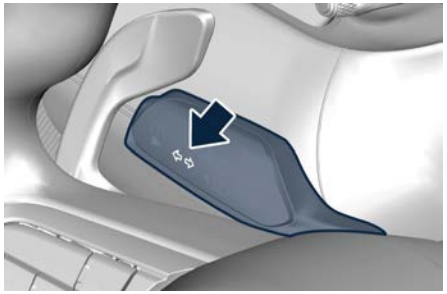
Rear Fog Light

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 color.
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 engine is stopped with the rear fog lights on, the next time the engine is 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 an **Authorized Maserati Dealer**.

Internal Light Controls

Dome Console Lights

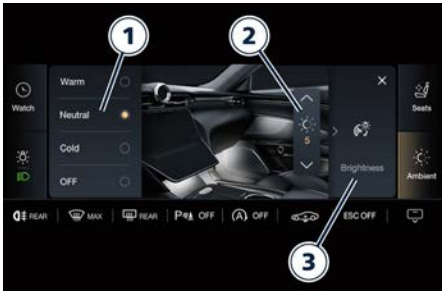
The dome console includes two lateral lights.

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!

- 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 engine, contact an **Authorized Maserati Dealer**.
- In cold weather, always turn off the wipers control and allow the wipers to return to the park position before turning off the engine. 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.
- Make sure the wipers and washer device is turned off if there is ice on 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.

“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 AA correspond to sensitivity level 1 and 2 of the rain sensor.

Activation
Turn the ring of the right multifunction lever to position A or AA 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 AA position, wiping operates automatically and is disabled when the outside temperature is below 32°F (0°C).
- 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 center 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,...) 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).

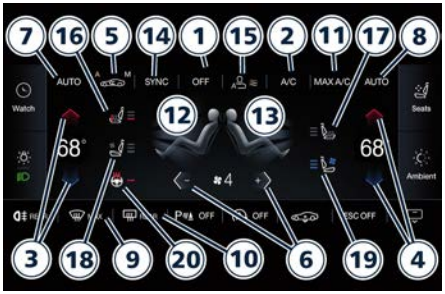
Air Conditioning Controls

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.

NOTE:
For vehicles equipped with Remote Start, the Air Conditioning System will not function during Remote Start operation if the climate control is left in “OFF”.

The menu will switch on again touching the soft-key indicated in picture.

2. A/C
Touch the "A/C" soft-key to change the current air conditioning setting; the soft-key illuminates when the A/C is on.

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 engine off, the blower will run at minimum speed (level 1) and can be increased manually: with engine 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. MAX A/C

By pressing the “MAX A/C” soft-key, the system automatically switches to get the maximum cold air flow in both zones.

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 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 synchronize 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 (if equipped)

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 (if equipped)

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 (if equipped)

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 “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 fuel economy, touch the “A/C” soft-key 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, odors, 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 colored 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 35 °F (2 °C).

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 or exit A/C or recirculation functions.
Selecting MAX, “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 engine warms up.
- AUTO mode can be deactivated by operating any airflow or blower controls and by pressing “AUTO”, “A/C”, “MAX AC”, ” MAX " 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**

(Continued)

(Continued)

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.

A/C Filter

The climate control system filters outside air containing dust, pollen and some odors. Strong odors 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

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.
Consider carefully all warnings and cautions.
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 while the vehicle is moving can be very dangerous , can cause serious accidents and in some states is against the law.**
- **It is very dangerous to send text messages while driving, do so only when the vehicle is not moving.**
- **In some Countries/States 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 Engine

WARNING!

It is dangerous to run the engine in an enclosed area. The engine consumes oxygen and discharges carbon dioxide, carbon monoxide and other toxic gases in the atmosphere.

When doors are opened, the instrument cluster displays the model logo in the center and the complete odometer plus the open doors indicator in the lower right part of the cluster.

Before starting the engine, 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 engine. Apply the brakes before shifting into any driving gear (see “Automatic Transmission” in this section).

CAUTION!

- Before starting the engine, switch off the electrical devices with a high power consumption (air-conditioning and heating system, heated rear window, headlights, etc.).
- Do not start the engine if the fuel level in the tank is low.

The keyless ignition allows the driver to operate the ignition device by pushing the center 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 engine starts. Instrument cluster displays the initial sequence with warning light and analogue instruments test routine and switch-on of the engine temperature indicators and fuel level.

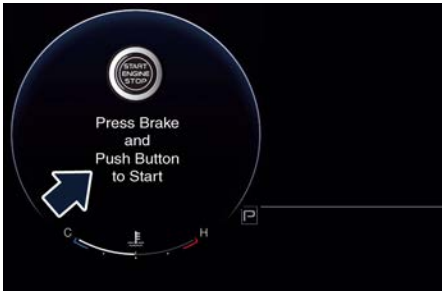
The current display subsequently sets up with the latest screenshot.

If the engine fails to start, the starter will disengage automatically after 10 seconds. If you wish to stop the cranking of the engine prior to starting it, press the button again.

NOTE:

Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal.

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 engine.



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.

After starting the engine, the idle speed is controlled automatically and will decrease as the engine warms up.

Engine 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. Moreover, unburned fuel could enter the catalytic converter and once the engine has started, ignite and damage the converter and vehicle.
- If the vehicle has a discharged 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.

Flooded Engine Clearing

If the engine fails to start after you have followed the described procedures, it may be flooded. To clear any excess fuel, move the transmission in P (Park) mode. Press and hold the brake pedal, push the accelerator all the way to the floor and hold it, then press and release the **START/STOP** button once. The starter will engage automatically, run for 10 seconds, and then disengage. Once this occurs, release the accelerator pedal and the brake pedal, wait 10 to 15 seconds, then repeat the normal starting of the engine procedure.

Driving with a Cold Engine

Start-off slowly, avoiding sudden acceleration and rev the engine up at low medium speeds. High-performance driving should be avoided until the engine temperature reaches 149-158°F (65-70°C).

Engine 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 engine. A burst on the accelerator pedal before turning off the engine has no purpose and increases fuel consumption.
- 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 without confirming the P (Park) mode; it could move and cause injuries to people nearby.

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.

Engine Turn Off when in Automatic Start&Stop

When the engine has been turned off by the Start&Stop system, press and release the **START/STOP** button. The ignition device will return to the **STOP** position and the vehicle is off.

"Panic Stop" Strategy

In panic conditions, with engine running, the "Panic Stop" strategy can manage the situation stopping the engine in the following modes:

- Quickly pushing 3 times or one long press of the **START/STOP** button.
- The engine stops and the transmission moves in N (Neutral) mode under specific RPM. When in stop conditions, the gearbox moves automatically in P (Park) mode.

Remote Start System

This system enables the Maserati Connect App to start the engine conveniently from outside the vehicle while still maintaining security.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

How to use Remote Start

All of the following conditions must be met before the engine will remote start:

- System not disabled from previous remote start event.
- Vehicle theft alarm not active.
- Doors closed.
- Hood closed.
- Trunk lid closed.
- Hazard lights switched off.
- Brake pedal not pressed by any passenger remained in the vehicle.
- Battery at an acceptable charge level.
- The transmission is in P (Park) or (D) mode.
- The remote start has not been activated yet two consecutive times.

If EPB (Electric Parking Brake) is not inserted, at key-off in some conditions the remote start system may not allow engine to start. We suggest to set “Auto Park On” function through the MIA screen (see chapter "Functions of Settings Menu on MIA" in section "Dashboard Instruments and Controls").

WARNING!

Do not start or run an engine in a closed garage or confined area. Exhaust gas contains Carbon Monoxide (CO) which is odorless and colorless.

Engine Remote Start Abort Message on Instrument Cluster

The following messages will display on the instrument cluster if the vehicle fails to remote start or exits remote start prematurely:

- “Remote Start Canceled Door Open”.
- “Remote Start Canceled Liftgate Open”.
- “Remote Start Canceled Fuel Low”.
- “Remote Start Canceled Time Expired”.
- “Remote Start Disabled Start Vehicle to Reset”.
- "Remote Start Canceled Bonnet Open".
- "Remote Start Canceled Battery Conditioning".

The message on the instrument cluster stays active as long as the ignition device is in **ON** position.

To enter Remote Start Mode

Press and release the Remote Start soft-key on the Maserati Connect App twice within five seconds. The vehicle doors will lock, position lights will flash and the horn will ring twice (if the "Sound Horn with Remote Start" function of the "Doors & Locks" submenu is activate using the MIA system, refer to “Functions of Settings Menu on MIA” in section “Dashboard Instruments and Controls”). Then, the engine will start and the vehicle will remain in the “Remote Start” mode for a 15-minute cycle.

NOTE:

- **In case of an engine fault or low fuel level, the vehicle will start and then shut down in 10 seconds.**
- **The park lights will turn on and remain lighted up during “Remote Start” mode.**
- **For security reasons, power windows is disabled when the vehicle is in the “Remote Start” mode.**
- **The engine can be started two consecutive times (two 15-minute cycles) with the Maserati Connect App. However, the ignition device must be cycled to ON position before you can repeat the start sequence for a third cycle.**

To exit Remote Start Mode without Driving the Vehicle

Press and release the Remote Start soft-key on the Maserati Connect App one time or allow the engine to run for the entire 15-minute cycle.

NOTE:
To avoid unintentional shutdowns, the system will disable the one time press of the soft-key on the Maserati Connect App for two seconds after receiving a valid "Remote Start" request.

To exit Remote Start Mode and Drive the Vehicle

Before the end of the 15-minute cycle, press and release the button on the key fob to unlock the doors and disarm the vehicle security alarm. Then, prior to the end of the 15-minute cycle, press and release the **START/STOP** button.

NOTE:
The message "Remote Start ON Push Start Button" will display in the instrument cluster until you push the START/STOP button.

Driver's Seat Comfort with Remote Start

The driver's heated and ventilated seat and the heated steering wheel (if foreseen) can be programmed to come on during a remote start. Refer to "Auto-on Comfort" function of the "Seats & Comfort" submenu in the "Settings" page (see chapter "Functions of Settings Menu on MIA" of section "Dashboard Instruments and Controls" for further information).

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**.

Automatic Start&Stop System

The Maserati Start&Stop system allows the engine to automatically switch off when the vehicle stops and to restart when the driver intends to drive. This function helps reduce fuel consumption. During the "Stop (AutoStop)" phase the ignition is still on and all security functions are available. In order for the Start&Stop to activate, the vehicle must be stationary and the brake pedal adequately pressed.

NOTE:
If the brake pedal is not sufficiently pressed the Start&Stop may not function even if the vehicle is stopped.

When the Start&Stop switches off the engine, the related light illuminates on the instrument cluster.
As soon as the brake pedal is released, the engine turns on.
While the vehicle is stopped, the transmission can be placed in P (Park) pressing the "P" button on the dashboard. Releasing the brake pedal will cause a recrank of the engine.

NOTE:
When the EPB is engaged, the "AutoStop" condition will work without pressing the brake pedal.

Pressing the brake pedal and shifting transmission into D (Drive) or R (Reverse) mode will deactivate the “AutoStop” condition and restart the engine.

Start&Stop Deactivated

Start&Stop function is deactivated under the following conditions:

- When SPORT and CORSA drive mode is activated.
- If it has been disabled through the Comfort Display by pressing the " Ⓐ OFF" soft-key on the bottom bar.

Start&Stop Not Active

For keeping driving safety, interior comfort and a correct functioning of engine and vehicle, the Start&Stop function does not activate under the following conditions:

- When the driver’s seat belt is unbuckled.
- When the driver door is open.
- When the vehicle is stopped on a very steep road.
- When the vehicle is stopped with steered wheels (over 135° of steering wheel angle for each part).
- When the vehicle is maneuvering: transmission in R (Reverse) mode.
- When the temperature conditions inside the vehicle do not correspond to the air conditioning setting.
- When the front and rear “defroster” function is activated.
- When the engine coolant and the engine oil temperature is not on proper functioning level.
- When the external temperature is too cold.
- When the battery charge is below safety value.
- When the previous stop had just happened (few seconds) and the minimum speed has not yet been achieved.
- Shortly after R (Reverse) mode has been set or when driving under a certain speed level.
- When the hood is open.
- The sensors managing the Start&Stop have been damaged.
- Start&Stop system faults are present.

Automatic Restarting of the Engine

The engine may automatically restart, before the brake pedal has been released, when one of the following conditions occurs:

- The SPORT drive mode is being activated.
- If the Start&Stop function has been disabled through the Start&Stop soft-key on the Comfort Display.
- If transmission is moved to R (Reverse) mode.
- If the steering wheel is moved to steer the wheels.
- When the temperature conditions inside the vehicle do not correspond to the air conditioning setting.
- When changing the temperature setting on the air conditioning.
- When the defroster function is being activated.
- When the battery charge is below safety value.
- When the accelerator pedal is being pressed (together with the brake pedal).
- If a long time has passed since the last automatic stop of the engine.

Occupants Safety Function

To enhance occupants safety, the Start&Stop system monitors if the driver is present and does not allow automatic restarting of the engine if one of the following maneuvers is being performed while in “AutoStop” condition:

- The driver opens the door and releases the brake pedal.
- The driver opens the door and unbuckles the seat belt.
- The driver opens the hood.

All the above-mentioned conditions deactivate the Start&Stop function (the “AutoStart” is deactivated and the engine remains off) and the transmission shift automatically in P (Park) mode.

The Ⓐ telltale will be disabled to indicate the Start&Stop function disabling. To restart the engine it is necessary to press the brake pedal and push the **START/STOP** button or shift into gear.

Push the D (Drive) button to drive away.

WARNING!

Even when the vehicle is stopped within the “Stop (AutoStop)” phase, the vehicle driver is responsible for the vehicle, the vehicle’s occupants and the vehicle’s surrounding area. Never leave the vehicle unattended with the engine running; doing so poses a risk of danger. It is a good practice to always ensure to set the parking brake and shift the transmission into the P (Park) mode, thereby ensuring the vehicle will not move, when performing any vehicle checks, maintenance and/or service procedures on the vehicle.

Start&Stop Function Disabling

Start&Stop enabled is the default status.

Under certain driving conditions, when frequent stops and restarts of the engine may become annoying, it is possible to turn off the Start&Stop function.

When the Start&Stop function is turned off in the all following ways, the white indicator Ⓐ on the cluster display indicated in the picture will turn on.

Touch the Ⓐ OFF on the bottom bar of the screen of the Comfort Display. Touch a second time the same soft-key to re-enable the function

NOTE:

The highlighted and yellow soft-key indicates the disabled status of Start&Stop system and vice versa.

If the driving conditions allow it, the user can re-enable the Start&Stop function at any time.

Start&Stop System Failure

When the Ⓐ! warning light and the related message illuminate on the cluster display (see chapter “Warning and Indicator Lights” in section “Dashboard

Instruments and Controls") there is a malfunction in the Start&Stop system and the engine cannot be switched off and restarted automatically. To switch off or restart the engine it is necessary to push the **START/STOP**. Have the vehicle checked at an **Authorized Maserati Dealer**.

Automatic Transmission

The vehicle is equipped with an electronically controlled 8-speed automatic transmission, which automatically changes gear according to the vehicle's instantaneous usage parameters (vehicle speed, road gradient and accelerator pedal position).

It is possible to change gear manually pressing the "D/M" (Drive/Manual) button and using the shifting paddles (+/−).

The four button on the dashboard, between the two central screens, replaces the conventional mechanical lever and has no mechanical connection to the transmission. The transmission is operated by electrical actuators on the hydraulic system and all commands to the control system are transmitted by the CAN network.

The electronically-controlled transmission provides a precise shift schedule. The transmission electronics are self-calibrating, therefore the gearshift behavior could become perfect as expected after few hundreds of miles.

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 engine is at idle speed.
- Do not shift between P (Park), R (Reverse), N (Neutral) or D (Drive) when the engine is 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!

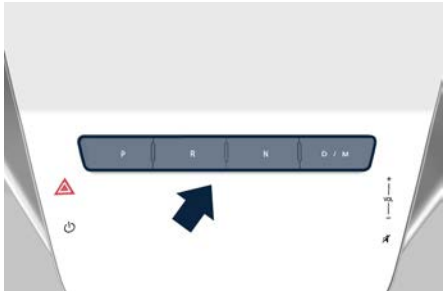
- **It is dangerous to move out of P (Park) or N (Neutral) if the engine speed is higher than idle speed. Only shift into gear when the engine is idling normally and when your foot is firmly pressing on the brake pedal.**
- **As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always apply the electronic parking brake, move into P (Park), and turn the engine off.**
- **When leaving the vehicle, always remove the key fob and lock your vehicle.**
- **Do not leave the key fob in or near the vehicle.**

This vehicle is equipped with a function which requires the transmission to be placed in P (Park) before the engine 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

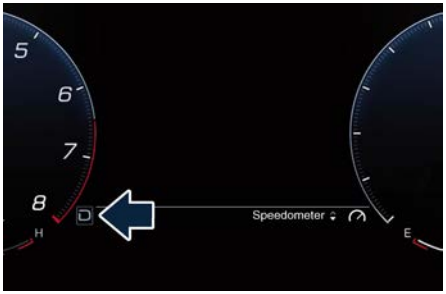
Automatic transmission is operated by four gear shift "pulse activation" buttons, located on the dashboard, between the two central screens which can have the following operating positions:

- P (Park)
- R (Reverse);
- N (Neutral);
- D/M (Drive; Manual)



NOTE:
If all button LEDs are lit when the ignition device is in ON position, contact an Authorized Maserati Dealer.

Transmission status is visible on the central bottom left part of the instrument cluster display, except in Corsa mode, where it is located in the center.



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.

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.

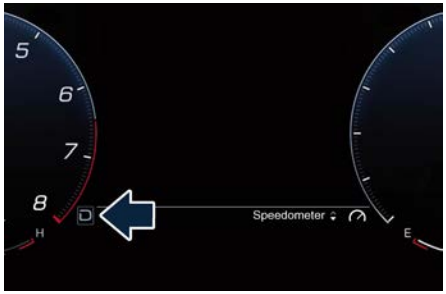
CAUTION!

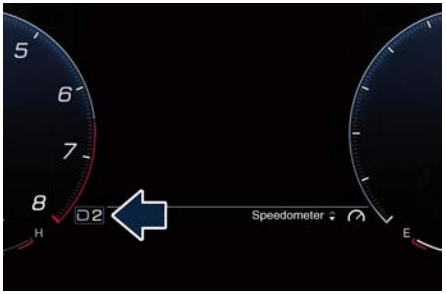
- DO NOT accelerate while shifting from P (Park) or N (Neutral) to another mode.
- After selecting a transmission mode, wait a few seconds before accelerating. This precaution is particularly important with a cold engine.

Transmission Status on the Instrument Cluster Display

The current gear is displayed and enhanced on the instrument cluster in an area that changes according to the visualization layout:

- central bottom left side in Classic, Evolved and Relaxed layout
- central position in Corsa mode





If the vehicle is in D (Drive) status, in M (Manual) or temporarily in manual drive mode, the gear position is indicated beside the transmission status (“D” or “M”).

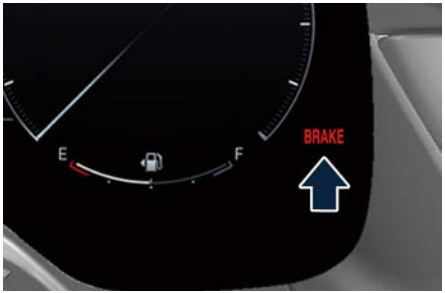
Automatic Transmission Range

P (Park)

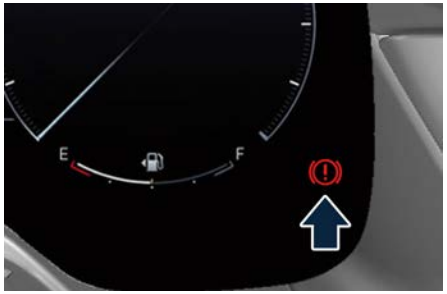
Use this position to park the vehicle. The transmission can be shifted from “P” position only with the brake pedal pressed: then push another gear shift button. To move the transmission from “P” position to any other position, the engine must be switched on or in "AutoStop" condition. The engine can 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 **BRAKE** (United States market) or (Canadian market) and the message for 5 seconds.



United States Market



Canadian Market

When parking on a hill, apply the parking brake before pressing the “P” button. For enhanced security, turn the front wheels toward the curb on a downhill and away from the curb 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 engine 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 engine 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 engine 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.

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 upshifts and downshifts and the best fuel 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.
- From D (Drive) selected mode it is always possible to switch to M (Manual) mode, by pressing the "D/M" button on the dashboard (see following paragraph); to return to “D” position, press again the "D/M" button. It is possible to shift from D (Drive) mode to M (Manual) mode regardless of car speed.

NOTE:
The transmission will return in D (Drive) or M (Manual) mode pressing again the "D/M" button if the transmission has been shifted in N (Neutral) or P (Park) mode in the same key cycle.
- When in D (Drive) mode, using the paddles behind the steering wheel, will cause the system to enter a temporary function and enable the manual shift mode. This range is indicated with a number that represents the current gear beside"D" letter on the cluster display. The system will then switch back to automatic mode according to time elapsed in “temporary” mode and driving conditions.

NOTE:
- **To get out of "temporary" M (Manual) mode, hold the shift paddle "+".**
- **Holding the shift paddle "–" in "temporary" M (Manual) mode, the**

(Continued)

(Continued)

transmission downshifts in the lower possible for that speed.

At extremely cold temperatures (-23°F / -30°C or below), transmission may be affected by the low temperature of the engine and transmission. Normal operation will resume once the transmission temperature has risen to a normal level.

M (Manual)

This mode is obtained by pressing the D/M (Drive/Manual) button on the central tunnel twice.

In this mode, the transmission interacts with the driver in order to allow manual shift and ensure increased control of the vehicle. The current mode allows the transmission system to optimize the engine brake action, remove undesired shifting into higher and lower gears and improve the overall performance of the vehicle.

This mode allows you to shift the transmission gear forward with the "+" shift paddle or backward with "−" paddle behind the steering wheel. The current transmission gear is displayed on the instrument cluster.

Manual mode can be activated at any time, with no need to release the brake pedal.

In M (Manual) mode, the transmission will shift up or down (+/–) if manually selected by the driver by using shift paddles on the steering wheel.

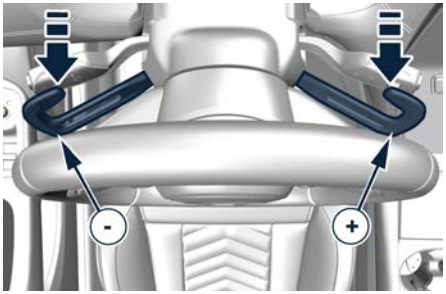
The transmission remains in the engaged gear until the driver shifts into another higher or lower gear, except in the following cases.

- Lack of accelerator pedal activity will cause the transmission to revert to automatic operation. The transmission will also upshift automatically once maximum engine speed is reached.
- If in SPORT and CORSA mode, the transmission will remain in the selected gear even when maximum engine speed is reached. The transmission will upshift only if enabled by the driver. Manual upshift or downshift will be maintained as long as SPORT and CORSA mode are selected, even by full stroke pedal press.
- If in “M“ or in SPORT or CORSA mode, the transmission will automatically downshift as the vehicle slows to halt (to prevent engine lugging) and the current gear will display on the instrument cluster. Moving the right shift paddle “+” towards the steering wheel when stationary, will cause the vehicle to start in second gear. If the vehicle speed is too low, the system will ignore further upshifts. Avoid using speed control when the M (Manual) mode is engaged.

When the car stops in M (Manual) mode, the transmission automatically moves in (Park) mode.

Shift Paddles

The driver can change gears with the shift paddles behind the steering wheel when in D (Drive) and M (Manual) mode.



Pull the right shift paddle “+” towards the steering wheel and release it to enter the higher gear; do the same operation with the left shift paddle “–“ to enter the lower gear.

- When in D (Drive) mode, by pressing “–“ paddle the transmission shifts to “D1 - D2” temporary mode.
- When in D (Drive) mode, by pressing “+“ paddle the vehicle shifts in Launch Control mode (in "SPORT" or "CORSA" mode).

Gear Shift Indicator (GSI)

In order to improve fuel economy, we recommend that you shift gears when the GSI system prompts you to do so. This will help reduce fuel consumption without significantly affecting vehicle performance.

When in “M“ (Manual) or "temporary" manual mode, GSI indicates when a gear shift is needed to change gear.

NOTE:

- **Pressing R (Reverse) or P (Park) button when the vehicle is running forward will display a denial message together with the R or P letter blinking on the instrument cluster.**
- **Pressing "D/M" button when the vehicle is running rearward will display a denial message together with the D or M letter blinking on the instrument cluster.**

GSI indicates when a gear shift is needed by adding one or two arrows beside the current gear on the cluster display.

When the new gear is engaged, the GSI turns off. If the shift runs late or is not performed at all, the GSI remains lit for a few seconds then turns off. As soon as new conditions requiring further gear change occur, the GSI will illuminate again.

NOTE:

The GSI system will only work when the transmission is set in M (Manual) mode, except when in CORSA mode.

When in CORSA mode (Trofeo only), a sport gear SHIFT light will help the driver understanding when shifting the gear efficiently.

The graphic is composed by three slots; when it is completely filled, it suggests the performance gear shift to the user.

NOTE:

If the automatic transmission is in D (Drive) mode, the bar will always be displayed empty.

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 engine may stall. In some situations, the transmission

system may not re-engage if the engine is 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 engine idle until the temperature warning light turns off and the message disappears from the display.
Resume driving without demanding high engine performance.

If the warning light and the related message turns on again, it is advisable to stop the vehicle, turn off the engine and wait for the engine/transmission assembly to fully cool down.
If the instrument cluster message indicates that the transmission may not re-engage after engine shutdown, perform the following procedure preferably at an **Authorized Maserati Dealer**.
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 engine off.
- Wait approximately 30 seconds.
- Restart the engine.
- 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 Authorized Maserati Dealer 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 maximize fuel economy, the AWD system automatically disengages torque distribution on front 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 engine 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 an Authorized Maserati Dealer.

Drive Mode

Controls Preview

Drive modes can be set using the selector on the steering wheel.

NOTE:

- **"GT" is the default drive mode, optimized for the best balance between performances, fuel consumptions and emissions in the standard conditions use of the car.**
- **At key ON, with engine on, if any engine, 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 engine on.

With the selector on the steering wheel, you can choose the following drive modes:

- COMFORT: to activate/deactivate the drive mode to ensure increased control on slippery surfaces as well as higher energy efficiency.
- GT: to activate a comfortable drive mode. In this mode, performance and comfort meet. It allows for smooth shifting and 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.
- CORSA (TROFEO version only): 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 transmission use a specific gear shift pattern and the traction is shifted more on the rear wheels with increased over steering behavior. 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.

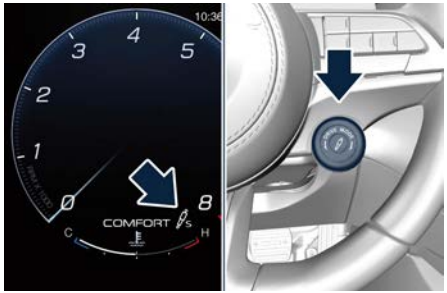
Drive mode selector is a rotary knob that select each drive mode both clockwise and counterclockwise.

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 engine running and vehicle in motion.

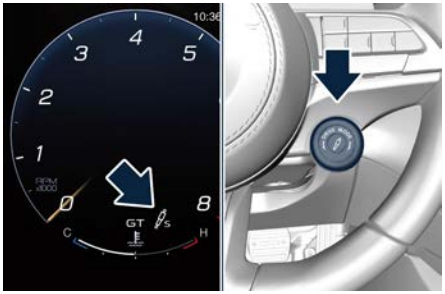
To activate a drive mode, switch the selector as indicated below.

COMFORT Mode
COMFORT Mode is set in "SOFT" trim.
Pushing the button, a white telltale will be displayed on the instrument cluster, switching in "SPORT" trim.



NOTE:
- **Comfort Mode is selectable switching the drive mode selector from GT rotating the knob once counterclockwise.**
- **SPORT and CORSA are not selectable starting from COMFORT Mode.**

GT Mode
At key on, "GT" mode is always the predominant mode.
GT Mode is selectable rotating the knob once clockwise starting form COMFORT 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.

SPORT Mode

NOTE:
When in SPORT Mode, the ambient lights will automatically switch in a red color.

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:
COMFORT is not selectable starting from SPORT Mode.

CORSA Mode (TROFEO version only)

NOTE:
- **When in CORSA Mode, the ambient lights will automatically switch in a yellow color.**
- **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:

- **COMFORT 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.**

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 color. 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.

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:

- Water and transmission temperature in proper range.
- No engine, 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

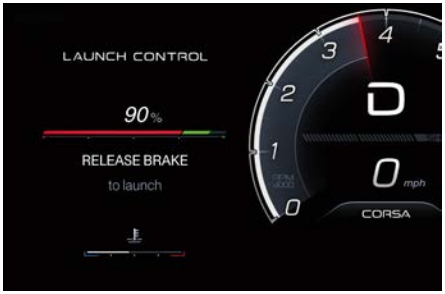
NOTE:

- **All the above mentioned conditions must be verified in order to activate "Launch Control" performance start procedure.**
- **During “Launch Control” ACC (if equipped), FCW and ADA (if equipped) are temporarily disabled.**
- **Each step displayed on the instrument cluster has a time out approximately of 5 seconds.**
- **"Launch Control" maneuver requires to use both feet, left foot to brake and right foot to accelerate at the same time.**
- With engine 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.

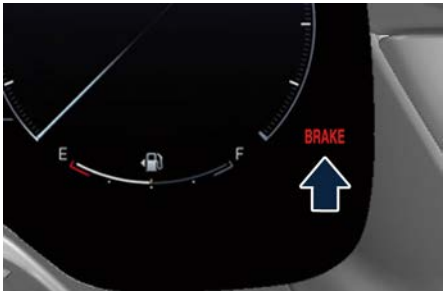
- Release brake pedal. The launch of the vehicle starts with ESC that manages the maximum performance and engine torque calibrated to maximize performance. Maximum performance is achieved if driver let the engine rpm stall above 2500 rpm before releasing brake pedal.



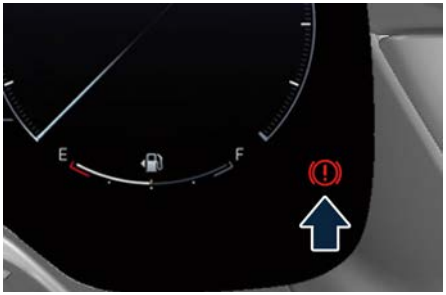
During the acceleration phase the “Launch Control” symbol appears at the left of the digital speedometer in the instrument cluster display.

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 caliper of the rear brake system.
It can be automatically engaged when the engine is turned off and disengaged with engine 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 **BRAKE** (United States market) or (!) (Canadian market) 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”).



United States Market



Canadian Market

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 engine is 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 engine is 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 **BRAKE** (United States market) or (Canadian market) 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 engine was 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!

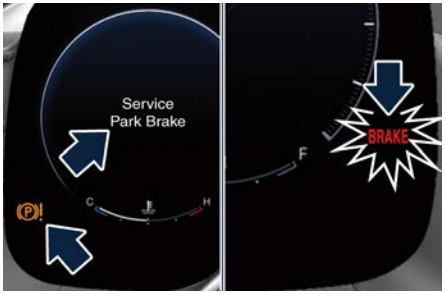
- **Always hold the brake pedal pressed during disengagement of the parking brake.**
- **The EPB command activation while running generates a deceleration of the vehicle with strong deceleration (Dynamic Braking). It is therefore recommended to use this function only in case of emergency. When the handbrake is activated, the vehicle stability will not be affected when ESC is engaged.**
- **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

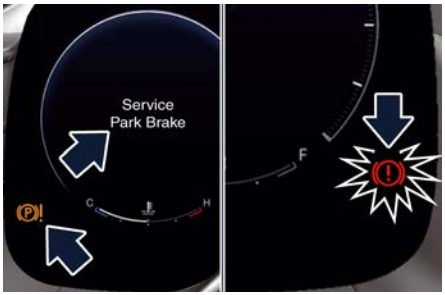
In the event of electric parking brake system failure, the warning light on the display will light up.
In addition, the warning light **BRAKE** (United States market) or (Canadian market) will flash for 10 seconds.

WARNING!

In the event of an EPB failure, take your vehicle to the nearest Authorized Maserati Dealer as soon as possible.

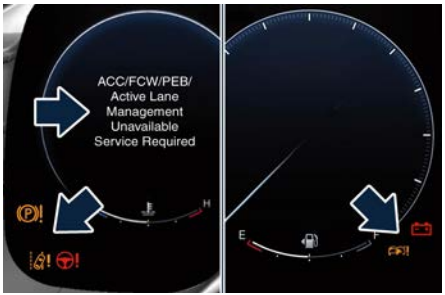


United States Market



Canadian Market

Initialize 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 initialize the EPB system, lift, release and lift again the lever located under the driver lower side of the dashboard.
After having initialized 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 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 park the vehicle on paper, grass, dry leaves or other flammable materials.**
- **Do not leave the engine running while the vehicle is unattended.**

WARNING!

Never use the P (Park) position as a substitute for the parking brake. Always apply the parking brake firmly when parked, including when parked on an incline, to guard against vehicle movement and possible injury or damage.

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

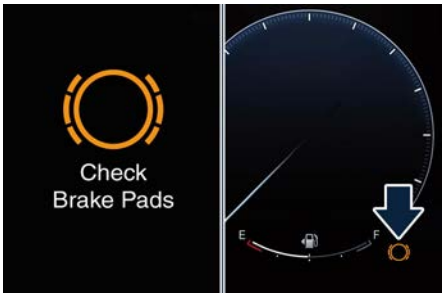
service brake for starting off. This is advisable when there are obstacles very close to the vehicle in the direction in which you intend to move.

Using the Brakes

CAUTION!

To obtain a good performance by brake pads and discs, avoid sudden braking during the first 190 mi (300 km).

The pad wear limit is indicated by the illumination of the warning light , in an amber color for United States Market and in a red color for Canadian market, on the instrument cluster.
In this event, please contact an **Authorized Maserati Dealer**.



United States Market

Canadian Market

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 kilometers/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 breakings.

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”.

Use of the Engine

Breaking-In

Today's most modern production methods are designed to provide extremely precise construction and assembly of components. However, moving parts do undergo a settling process, basically in the first hours of vehicle operation.
Do not drive keeping at a constant high speed rate for a prolonged time.
While cruising, brief full-throttle acceleration within the limits of local traffic laws contributes to a good break-in. Wide-open throttle acceleration in low gear can be detrimental and should be avoided.
The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. For the recommended viscosity and quality grades, see “Refilling Table” in section "Technical Specifications".
A new engine may consume some oil during its first few thousand kilometers/miles of operation. This should be considered as a normal part of the break-in and not interpreted as an indication of malfunction.

Specific Requirements

Follow these recommended guidelines during the first 1500 mi (2414 km) of driving this vehicle. Parts have a break-in period and performance will be better in the long run.
For the first 200 mi (322 km):

- To break in tires, drive at moderate speeds and avoid hard cornering.
- New brake linings also need a break-in period. Avoid making hard stops. This is recommended every time brake linings are replaced.

For the first 500 mi (800 km):

- Avoid full throttle starts and abrupt stops.
- Do not exceed 4000 rpm.
- Avoid driving at any one constant speed, fast or low, including the use of cruise control.
- Avoid downshifting to break or slow the vehicle when the engine speed will exceed 4000 rpm.
- Do not let the engine labor. Never lug the engine. This rule applies at all times, not just the break-in period.

For the first 1500 mi (2414 km):

- Do not participate in track events, sport driving schools, or similar activities.
- Check engine oil with every refueling and add if necessary. Oil and fuel consumption may be higher than normal.

While Driving

Never travel with the tachometer indicator approaching the peak rpm, not even downhill. When the tachometer indicator is approaching the peak rpm (red colored zone), take precautions to avoid exceeding that limit.

Specific Requirements

The following maneuvers can lead to a temporary and/or premature deterioration of the ignition system with consequent lighting of the malfunction indicator light (MIL) and immediate request for service:

- repeated stops of the vehicle with the engine running at idle for more than 10 minutes
- stationary vehicle with engine running at idle for more than 1 hour
- repeated starts without reaching the engine operating temperature (white coolant gauge) (more than 10 starts)
- short journeys with ambient temperatures below 32° F (0° C) or with the engine not at operating temperature (white coolant gauge).

To keep the combustion system at maximum efficiency, it is advisable to regularly follow an extra-urban route with an average speed greater than 44 MPH (70 km/h) (in compliance with the traffic code) for 15 minutes.

Ensure proper operation of different devices checking their respective control telltales.

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”.

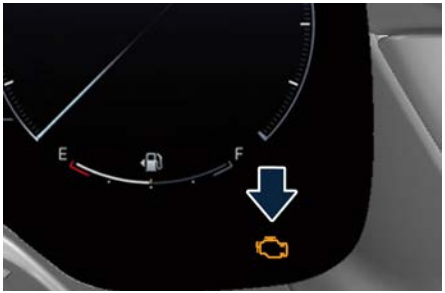
WARNING!

Continuing to drive when a red warning light is on could cause serious damage to the vehicle and affect its performance.

On-Board Diagnostics (OBD)

Your vehicle is equipped with a sophisticated on-board diagnostic system. This system monitors the performance of the emissions, engine, and automatic transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as engine emissions well within current local regulations of various countries.

If any of these systems require service, the system will turn on the malfunction indicator light (MIL). It will also store diagnostic codes and other information to assist which your **Authorized Maserati Dealer** will use to service your vehicle. Although the vehicle will still be driveable and not need towing, contact an **Authorized Maserati Dealer** for service as soon as possible.



CAUTION!

- When the ignition device is in the **ON** position and if the indicator light does not switch on or if it switches on while driving, contact an **Authorized Maserati Dealer** as soon as possible.
- Prolonged driving with the MIL on could cause damage to the engine control system. It also could affect fuel economy and drivability.
- The warning light flashes to indicate operating states which might lead to damage in catalytic converter and engine performance degradation. A drive mode change occur. If this occur immediately reduce the vehicle speed and engine load. The warning light should switch off after the critical range is left.
- If the warning light continues to flash or it switches to solid lamp, it indicates a persistent fault in the engine management system that may cause a severe damage to catalytic converter and a power loss could occur. In this case contact immediately an **Authorized Maserati Dealer**.

Messages Concerning the Residual Life of Gasoline Engine Oil

According to the degradation that the engine oil has reached, according to the conditions of use of the vehicle, the instrument cluster can display the request to carry out the oil change in advance of the expected Service.
A first warning will indicate to change the oil as soon as possible and a second will indicate to do it immediately.
After this last warning, if the oil is not replaced, the warning message indicated in the picture will also come on.

CAUTION!

When the warnings on the residual life of engine oil appear on the instrument cluster, it is advisable to go as soon as possible to an **Authorized Maserati Dealer** that will carry out the necessary checks.

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.

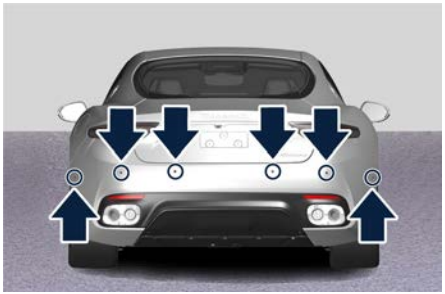
Park Assist

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 maneuver.
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 (OPT) to assist the driver during maneuvers 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), D (Drive) or in movement when in N (Neutral) mode.
If Park Assist is enabled at one of these gear shift positions, the system will remain active under approximately 7 MPH (11 km/h).

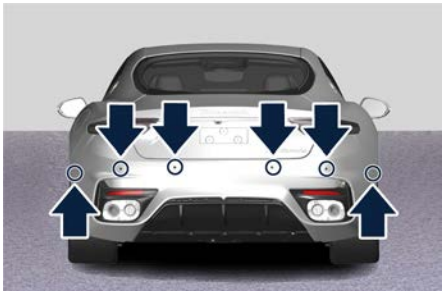
NOTE:
When in D (Drive) mode, no information about rear obstacles will be shown.

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.

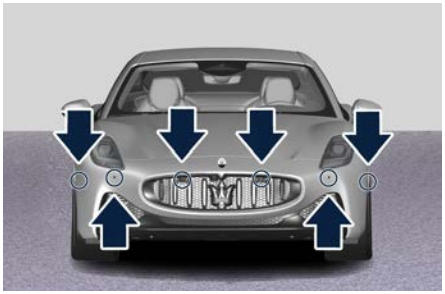


MODENA Version

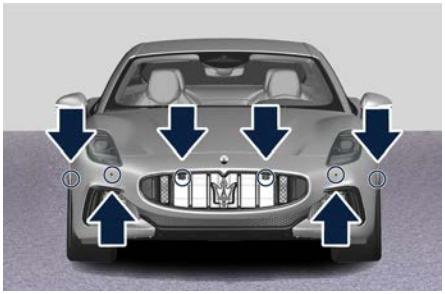


TROFEO Version

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.



MODENA Version



TROFEO Version

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:

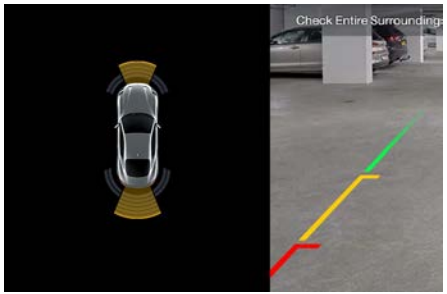
- in R (Reverse) mode indicating the system status (ready, idle or off) or when the Rear Parking Camera or the Surround View Camera (OPT) is manually activated;
- in D (Drive) or N (Neutral) mode when the system is active and detects an obstacle.

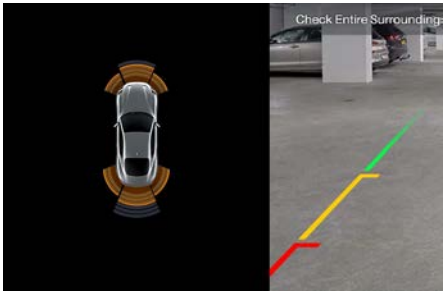
The detection area in front of the vehicle is divided into three parts with four arcs in the middle one and two arcs in the lateral one; while the three detection areas behind the car is divided into six arcs in the middle one and two arcs in the lateral ones.

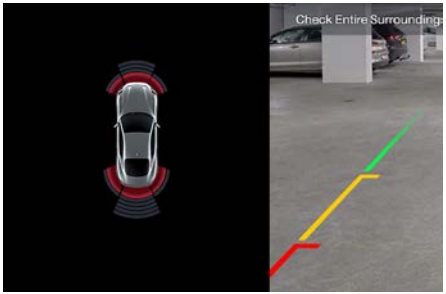
The system will indicate a detected obstacle by displaying arcs with fixed color and a characteristic sound according to the obstacle distance. The color indicates the distance and the arc indicates the position of the detected obstacle. The yellow color of the outer arc indicates the maximum distance, the orange color of the middle arcs indicates the medium distance, while the red color of the nearest arc indicates the minimum distance. The front maximum detection distance is 3.9 ft ± 0.3 ft (1.2 m ± 0.1 m), while the rear maximum detection distance is 6.6 ft ± 0.3 ft (2 m ± 0.1 m).

NOTE:

When an obstacle is detected outside the vehicle path, the system displays grayed 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**

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 maneuver when in R (Reverse) mode until the vehicle speed is below 7 MPH (11 km/h) in Driver gear.

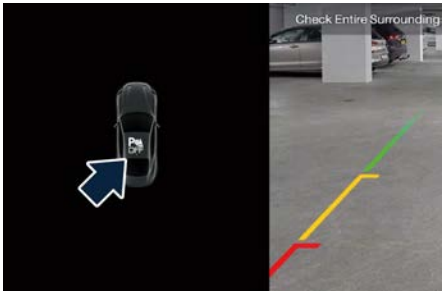
If the vehicle speed is below 7 MPH (11 km/h), park sensors can be enabled or disabled for the current maneuver at any time by pressing the soft-key on the bottom bar of the Comfort Display only if "Park Assist" is enabled on the MIA screen.

The soft-key will be on in an amber color 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.

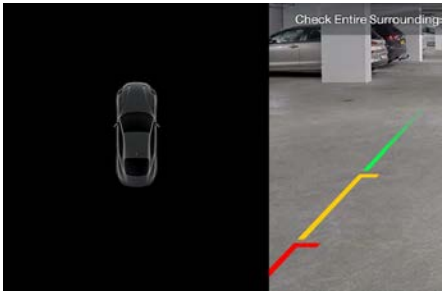
NOTE:

- **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 grayed and the user cannot 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.

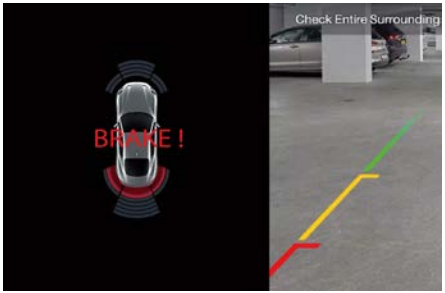


When the transmission is in P (Park), N (Neutral) mode and in standstill condition or the vehicle speed exceeds approximately 7 MPH (11 km/h), the system status is in "idle state" and a grayed car is visualized on the MIA screen.



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 7 mph (11 km/h), 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 Breaking OFF is displayed on the car graphic on the MIA screen.
- Sensors fault, Park Assist system fault, braking system fault, trailer connection 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.

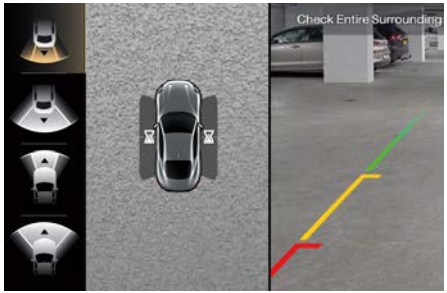
WARNING!

- **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 7 MPH (11 km/h); however when speed is between 4-7 MPH (6-11 km/h) the avoidance of a collision with the obstacle is not guaranteed.**

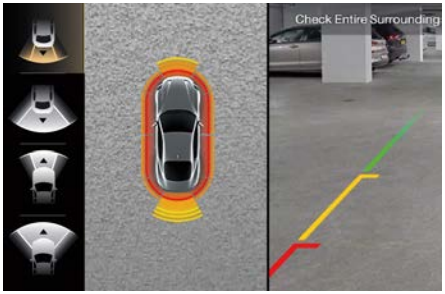
Side Distance Warning (with Surround View OPT only)

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 initialize covering a minimum distance equal to the

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 color indicates the distance and the arc indicates the position of the detected obstacle. The orange colour of the outer arc indicates the maximum distance (1 - 2.13 ft / 30 - 65 cm), while the red colour of the nearest arc indicates the minimum distance (0 - 1 ft / 0 - 30 cm).

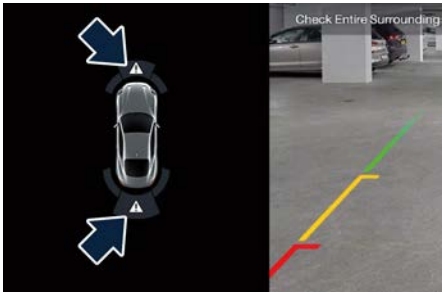


Service the Park Assist System

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 an **Authorized Maserati Dealer**.

If a failure message is displayed on the instrument cluster, contact an **Authorized Maserati Dealer**.

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 an **Authorized Maserati Dealer**.
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.

WARNING!

- **Park Assist is only a parking aid and it is unable to recognize 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.

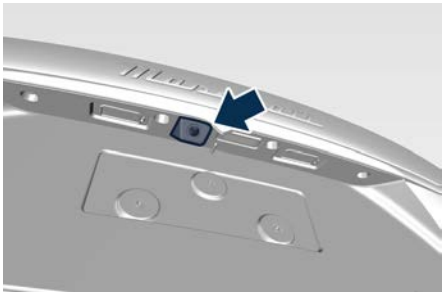
Park Assist Volume

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 8 MPH (13 km/h) after shifting out of R (Reverse) mode.
To assist the driver during maneuvers 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 license plate.



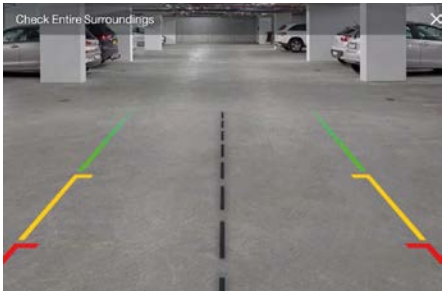
When the transmission is shifted out of R (Reverse), the rear camera mode is exited if “Rear View Camera Delay” is not selected in the setting list.
Instead, when the transmission is set in P (Park), N (Neutral) or D (Drive) mode it is possible to activate the system by touching the “Rear View Camera” 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 8 MPH (13 km/h).
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 8 MPH (13 km/h).

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 color that will help indicate the distance to the rear of the vehicle.
The following table shows the approximate distances for each zone and color:

Zone	Distance to the rear of the vehicle
Red	7 - 12 in (18 - 30 cm)
Yellow	12 - 39 in (30 cm - 1 m)
Green	39 - 118 in (1 - 3 m) 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.

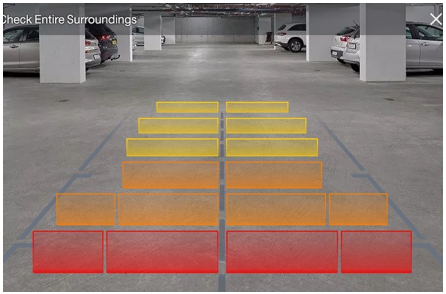
CAUTION!

- 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”) (OPT). Grid lines become grey and virtual wall detection zone corresponds approximately to the rear central arc in

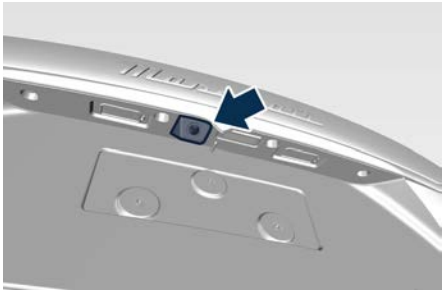
Park Assist visualization. Virtual Wall may not reflect the real position of the obstacles.



Surround View Camera System (OPT)

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 trunk 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 8 MPH (13 km/h). If the transmission is shifted in P (Park) mode, the surround view screen will be immediately canceled 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 8 MPH (13 km/h); otherwise the soft-key becomes grayed. If manually activated in these ways, the camera view will expire after 10 seconds the vehicle speed exceeds 8 MPH (13 km/h).

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

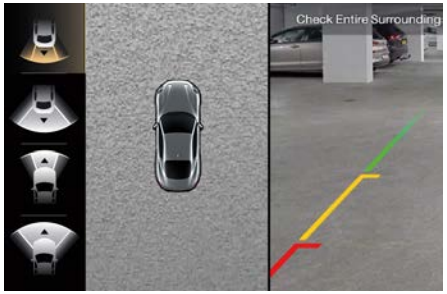

Rear cross path view and top view


Front cross path view and top view


Front view and top view

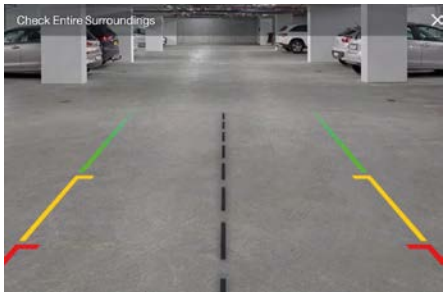
In any gear shift mode, when “Surround View Camera” screen is displayed, a pop up message will appear in the upper

part for 5 seconds to advise the driver to check the surrounding scenario before any maneuver.
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 maneuver 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 maneuver (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”.

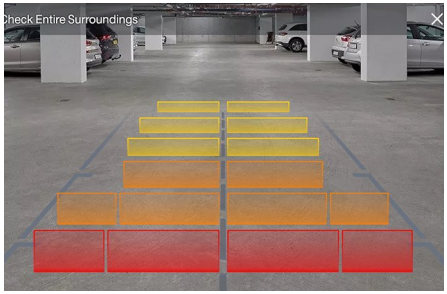


The following table shows the approximate distances for each zone and color:

Zone	Distance to the rear of the vehicle
Red	6 - 12 in (15 - 30 cm)
Yellow	12 - 39 in (30 cm - 1 m)
Green	39 - 118 in (1 - 3 m) 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 grayed 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”) (OPT). Grid lines become gray and virtual wall detection zone corresponds approximately to the rear central arc in Park Assist visualization. Virtual Wall may 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 maneuvers 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 maneuvers.
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:

LIM — 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 center 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 canceled or override.

Activation

Push the LIM ON/OFF button to engage the system. The LIM 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 LIM 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.

NOTE:
The system must be disengaged when not in use.

Speed Range of Use

Speed	MPH (km/h)
Minimum	0
Engaged/activated	18 (30)
Maximum	155 (250)

Setting

Turn on the SL function when the vehicle has reached the desired speed, push the button (SET-) and the system sets and visualizes beside the LIM green light the current speed limit (in the example shown 30 MPH).

Pushing the button (SET +) or (SET -) once, or long pressing it will enable to increase or decrease the set speed by one unit (1 MPH or 1 km/h).

If the car is equipped with ADAS Systems, the short press of the button will increase or decrease the set speed of 1 MPH or 1 km/h; a long pressure of the same will increase or decrease the set speed of 5 MPH or 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 LIM 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 LIM 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 engine torque and the LIM 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 LIM 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 18 MPH (30 km/h).

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 traveled. 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:

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 5 MPH or 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 5 MPH or 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 driver can push RES button within 5 seconds to reject the suggested speed; otherwise the system will adapt automatically the 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.

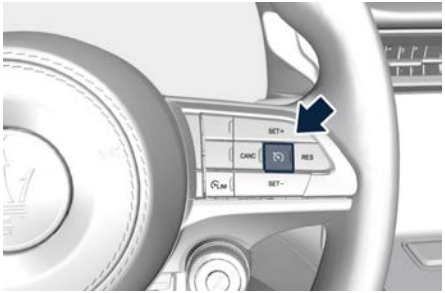
NOTE:
The device can only be switched on at speeds exceeding 18 mph (30 km/h) and is temporarily suspended when the accelerator pedal is pressed.

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 canceled 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 center 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 canceled 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

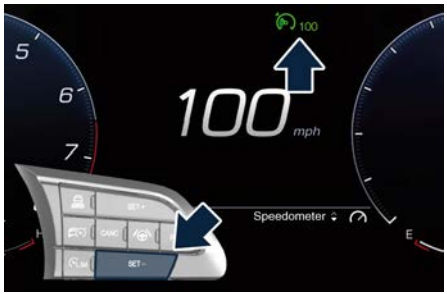
Speed	MPH (km/h)
Minimum	20 (30)
Engaged/activated	20 (30)
Maximum	130 (210)

Setting Desired Speed

Turn on the CC function. When the vehicle has reached the desired speed

(in the example: 100 MPH), 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 traveling 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 MPH or 1 km/h). If the car is equipped with ADAS Systems, the short press of the button will increase or decrease the set speed of 1 MPH or 1 km/h; a long pressure of the same will increase or decrease the set speed of 5 MPH or 10 km/h.

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 MPH or 1 km/h.

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 18 MPH (30 km/h).

Using Cruise Control on Hill

The transmission may be downshifted and 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. Do not use CC in heavy traffic or on winding, icy, snow-covered or slippery roads.

Adaptive Cruise Control - ACC (OPT)

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.**

- **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 recognize complex driving conditions and this could cause wrong assessment of the required safety distance.

It is recommended to disable the ACC system in the following instances:

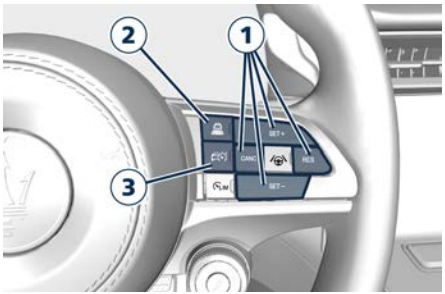
- When driving in the fog, heavy rain, heavy snow, slush, heavy traffic and similar complex situations such as for instance highway sections where there are men at work.
- When entering a junction lane or a slip road to leave the highway; when driving on narrow, icy, snowy, slippery roads, or on steep 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 canceled or override.
Apart from the image at the center 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, gray, 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 canceled 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 5 PMH (8 km/h).
- When the driver's seat belt is unbuckled below 5 PMH (8 km/h).
- 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.

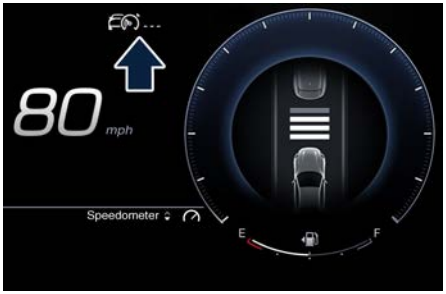
Speed Range of Use

Speed	MPH (km/h)
Minimum	0
Engaged/activated	20 (30)
Maximum	130 (210)

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 center 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 gray 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 MPH (1 km/h).
- Hold the control to increase or decrease set speed by 5 MPH (10 km/h) 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 engine 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 increase the risk of collisions and death or serious injury.

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.

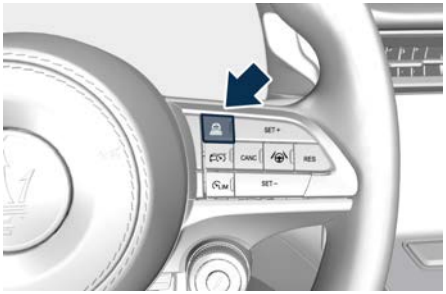
Based on both time gap, selected by the driver, and the actual vehicle speed, ACC calculates the distance to keep from the vehicle ahead.

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

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 utilizes 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 utilizes 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 center 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 authorized 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 Authorized Maserati Dealer.

Clean Front Windshield Warning

This warning will display and also a chime will indicate 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 and fog

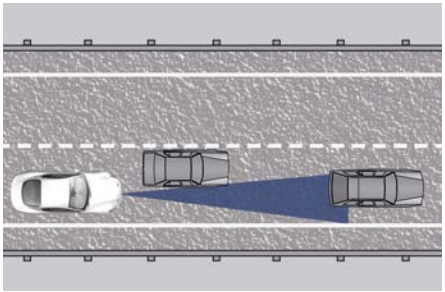
on the inside of glass or when driving in bad weather.
In these cases, the system will have degraded performance.
The ACC and FCW systems will recover operation after the vehicle has left these areas. Under rare conditions, when the camera is not tracking any vehicles or objects in its path this warning 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 an Authorized Maserati Dealer.

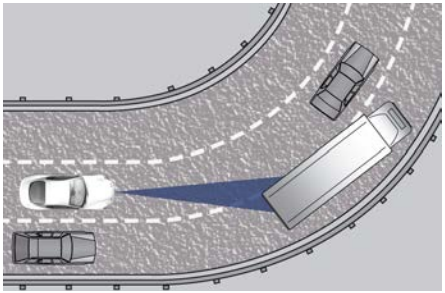
Service ACC/FCW Warning
If the ACC and FCW systems turn off, and the system displays a service warning, there may be an internal system fault or a temporary malfunction that limits functionality.
Although the vehicle is still driveable under normal conditions, ACC and FCW will be temporarily unavailable. If this occurs, try activating ACC and FCW again later, following an ignition cycle. If the problem persists, contact an **Authorized Maserati Dealer**.

Precautions while Driving with ACC

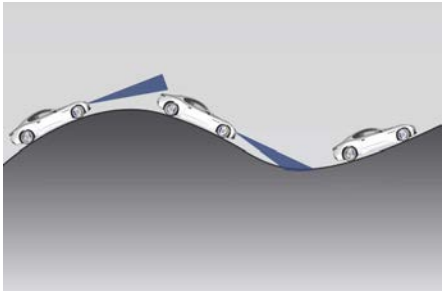
Offset Driving
ACC may not detect a vehicle in the same lane that is offset from your direct line of travel, or a vehicle merging in from a side lane. There may not be sufficient distance to the vehicle ahead. The offset vehicle may move in and out of the line of travel, which can cause your vehicle to brake or accelerate unexpectedly.



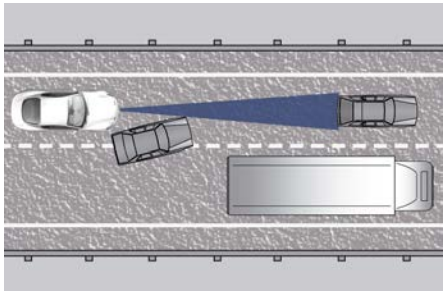
Turns and Bends
When driving on a curve with ACC engaged, the system may decrease the vehicle speed and acceleration for stability reasons, with no target vehicle detected. Once the vehicle is out of the curve the system will resume your original set speed. This is a part of normal ACC system functionality. Moreover, the radar sensor might detect a vehicle on a nearby lane or no longer detect the target vehicle.



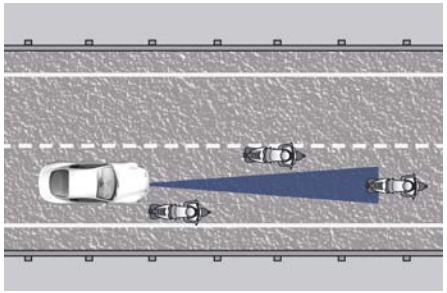
Using ACC on Hills
When driving on steep hills, ACC may not detect a vehicle in your lane when vehicle reaches the crest. Depending on the speed, vehicle load, traffic conditions, and the steepness of the hills, ACC performance may be limited.



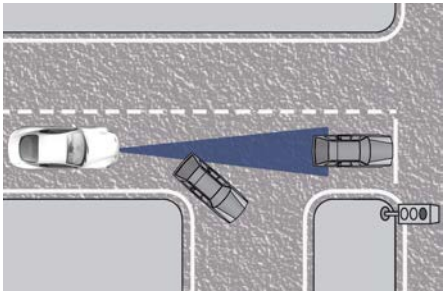
Lane Changing
ACC may not detect a vehicle until it is completely in the lane in which you are traveling.
In the illustration shown, ACC has not yet detected the vehicle changing lane and it may not detect the vehicle until it is too late for the driver to take action.
ACC may not detect a vehicle until 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) traveling 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) (OPT)

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 it can 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 or crossing traffic (only with ICA (OPT)).
- 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	MPH (km/h)
Minimum	0
Engaged/activated	3.1 (5)
Maximum	155 (250)

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", "Off" or "Warning".
The default status of FCW sensitivity is the “Med (Medium)” setting. 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 in "Near" setting, this gives you the most reaction time to avoid a possible collision.
Changing the sensitivity status to the “Near” setting, allows the system to warn you of a possible collision with the vehicle in front of you when you are much closer. This setting provides less reaction time than the “Warning & Active Braking” sensitivity setting, which allows for a more dynamic driving experience.
"Med" is 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"; if PEB setting is not present in the setting list, it is always active.**
- **If FCW is set off on the MIA screen, but PEB setting is in "warning + active braking", the active brake will still be active.**

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 **Authorized Maserati Dealer** 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**

(Continued)

(Continued)

adjustment has to be performed by a Authorized Maserati Dealer.

- **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.**
- **When in “CORSA” mode, the FCW function is deactivated.**

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 (, 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 "Customized Settings" of this chapter) warn the driver that the vehicle is going out of the lane initiates a steering maneuver 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.

ALM system remembers the condition it was in before turning off the vehicle 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 maneuver 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	MPH (km/h)
Minimum	39 (63)
Engaged/activated	39 (63)
Maximum	116 (186)

Customized 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 behaviors, 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 then 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 center 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.**
- **The system is not available when in CORSA mode.**

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 be terminated. In these conditions the graphics turn gray.

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 color code has been adopted for each line (of the two presented):

- Both gray lines means system enable, not able to operate (suppression condition present or lane detection system not able to estimate properly the lane);
- Left/right gray 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.

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 behavior 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 an **Authorized Maserati Dealer**.

Radar Device - Regulatory Information

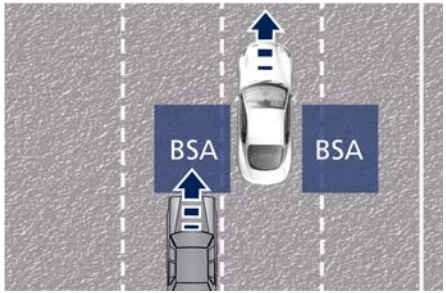
The “Regulatory Information” for all the radio frequency and radar devices can be consulted by accessing the section “Services” on the website **www.maserati.com**.

Blind Spot Assist - BSA (OPT)

System Operation

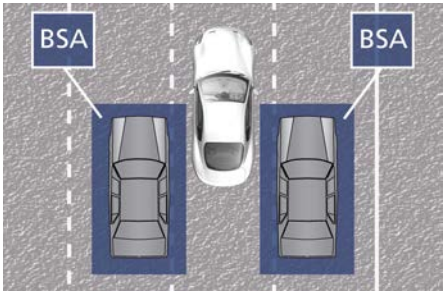
The Blind Spot Assist (BSA) system uses two or four radar-based sensors, depending on the optional mounted on the vehicle, located inside the bumper fascias, to detect highway licensable vehicles (cars, lorries, motorbikes, etc.) that enter the blind spot zones from the rear/front/side of the vehicle 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 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 6 MPH (10 km/h) 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 an Authorized Maserati Dealer 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

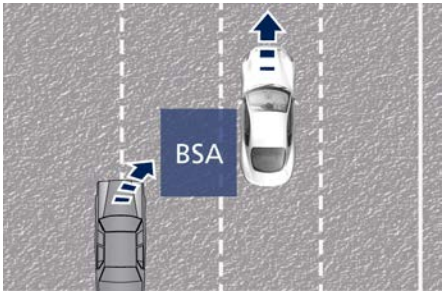
Speed	MPH (km/h)
Minimum	6 (10)
Engaged/activated	6 (10)
Maximum	112 (180)

NOTE:

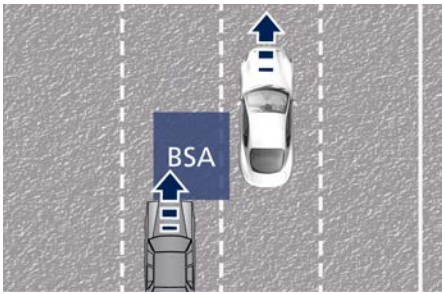
Performance is guaranteed up to a maximum speed of 112 MPH (180 km/h).

Entering from the Side

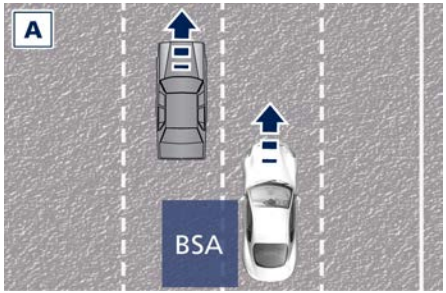
Vehicles that move into your adjacent lanes from either side of the vehicle.

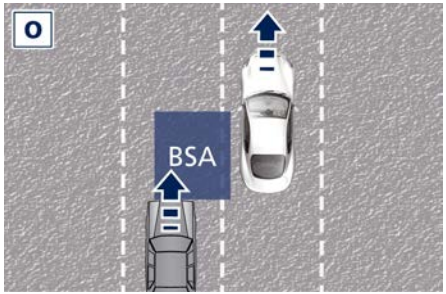


Entering from the Rear
The alert will turn on when the vehicles that come up from behind your vehicle on either side and enter the rear detection zone with a relative speed of more than 27 MPH (43 km/h).

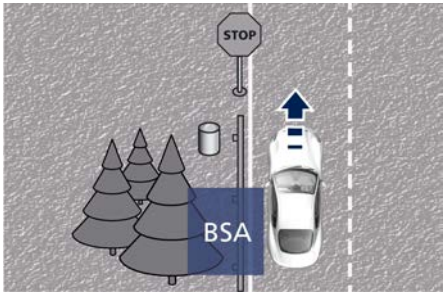


Overtaking Traffic
The figures show the vehicle approaching (**A**) and passing (**O**) another vehicle in the overtaking lane.
If you pass another vehicle slowly, the vehicle remains in the blind spot for approximately 2 seconds, the BSA warning light in the outside mirror will illuminate after 1.5 seconds.
If the difference in speed between the two vehicles is greater, the warning light will not illuminate.

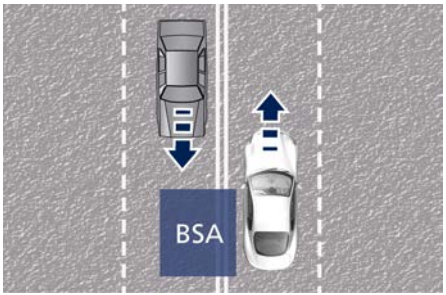




Other Cases
The BSA system is not designed to issue an alert on stationary objects such as guardrails, posts, walls, foliage heaps, berms, etc. However, occasionally the system may alert on such objects. This is normal operation and your vehicle does not require service.



The BSA system will not alert you of objects that are traveling 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 (OPT)

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.

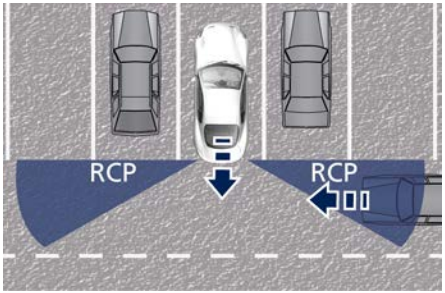
The RCP system monitors the rear detection zones on both sides of the vehicle. Using sensors located on either side of the rear bumper, it detects vehicles or objects that are moving toward the side of the vehicle with a minimum speed of approximately 1 to 2 MPH (1 km/h to 3 km/h) to a maximum of approximately 10 MPH (16 km/h), 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 an **Authorized Maserati Dealer**.

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 (OPT)

System Intervention

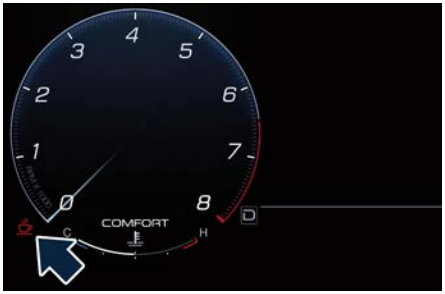
Using information from the front camera and the steering wheel, the system implements the following operating logic:

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; the system works when the vehicle speed is above 43.5 MPH (70 km/h) and below 100 MPH (160 km/h).

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 engine 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.**
- **In the case of camera failure, the system sensitivity cannot be changed.**

WARNING!

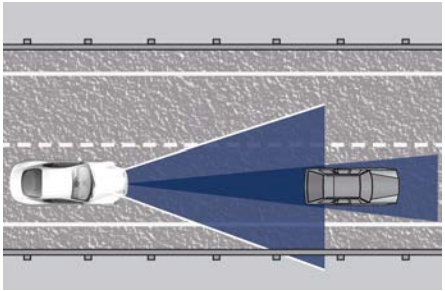
The DDD system is an aid for driving and does not relieve the driver of responsibility for driving the car. If you experience fatigue while driving, pull over safely for a break without waiting for the DDD to intervene.

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 centers 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 center of the Authorized Maserati Dealer.**

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 92 MPH (0 to 148 km/h).
- No faults in the forward facing camera, radar, EPS, or MIA.
- Lane width between 2.95 to 4.6 yds (2.7 and 4.2 m).
- Turn signal not activated.
- No faults related to this system.

Speed Range of Use

Speed	MPH (km/h)
Minimum	0
Engaged/activated (with ACC engaged)	0
Engaged/activated (with ACC not engaged)	20 (30)
Maximum	93 (150)

- 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 gray indicates that the ADA system is active, but not engaged and is shown at the center 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 colored glow may appear (further referred to as "attention level color"). Attention level color together with the outline of the symbol represent a further indication of the system status.

When exiting the “Driver Assist” page, the attention level color 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 (OPT) 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 center of the display and on the HUD, if activated. According to such time frames, the system will change the attention level color, 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 color 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 color: green;
- lines: green;
- car: centered;
- steering wheel: yellow small in the center.

The yellow attention level color appears when the driver removes his/her hands from the steering wheel for 8 seconds and the symbol with the figure of the hands will occupy the pop-up area of the instrument cluster for 8 seconds or the HUD, if activated.

The red attention level color 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 color 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 color 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) or (M) 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.

NOTE:

When ADA cancels, the symbol will turn gray.

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 13.8 ft (4.2 meters).
- 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 an **Authorized Maserati Dealer**.

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 traveling.

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.**
- **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.**
- **The performance of TSA does not depend on the update degree of navigation system’s maps.**
- **TSA is enabled when in CORSA drive mode.**

Customized 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.

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.

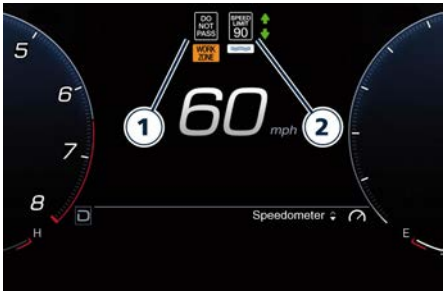
Signs Monitoring on Instrument Cluster

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.

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 MPH” - “+0 km/h” or “+5 MPH” - “+5 km/h" or “+10 MPH” - “+10 km/h" options). 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 grayed 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.

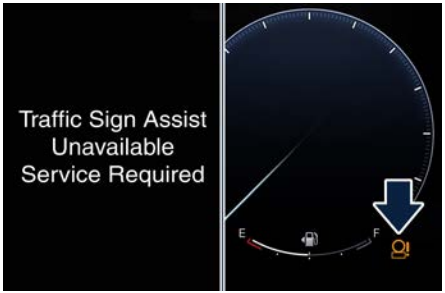
System Limitations

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.



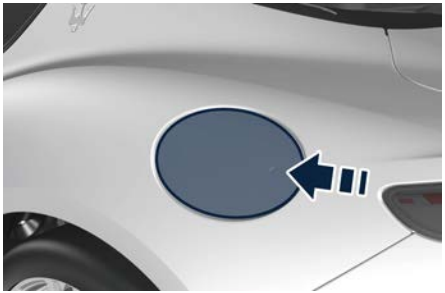
If message suggestion does not allow fixing the fault, avoid using the system and have the vehicle inspected at the **Service Network**.

Refueling

Fuel Filler Neck Access

To access the fuel filler neck, the filler door must be unlocked. From outside the vehicle, this can only be done by pressing the unlock or the lock button on the key fob, in the same way as if opening or closing the doors. If any of the door lock controls is pressed from inside the vehicle, the filler door will still remain closed.

- Press the indicated area on the filler door, which is located on the rear left side of the vehicle: the filler door will open completely.



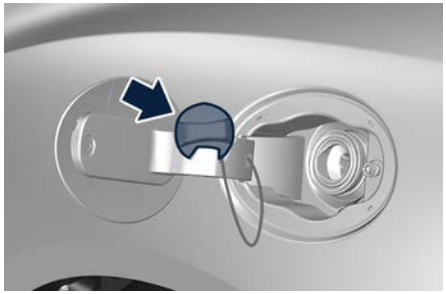
NOTE:
In order to guarantee an easy fuel filler door opening, it has to be pressed in the middle right side; if pressed in any other position, it could remain locked.

Refill the Tank

The fuel filler neck is provided with external cap.

- Rotate counterclockwise and remove the fuel filler cap. The cap hermetic seal may result in a slight pressure increase inside the tank. Any hissing noise while the cap is being opened is therefore completely normal. The cap is linked to the filler neck with a strap, to prevent it from being lost while refueling.

- When refueling, place the cap in the proper seat on the filler door hinge.



- Insert the fuel nozzle fully into the filler.

WARNING!

- **To avoid the risk of fire, do not approach the filler with open flames or cigarettes!**
- **To avoid the risk of inhaling noxious fumes, do not breathe close to the fuel filler door, when opened.**
- **Never have any smoking materials lit in or near the vehicle when the fuel filler door is open or the tank is being filled.**
- **Never add fuel when the engine is running. This violates most fire-prevention regulations and may cause the Malfunction Indicator Light (MIL) to turn on (see "Warning and Indicator Lights" in section "Dashboard Instruments and Controls").**

- Fill the vehicle with fuel (see chapter "Refilling Table in section Technical Specifications"). When the fuel nozzle "clicks" or shuts off, the fuel tank is basically full: it is possible to further ensure refueling by enabling the fuel nozzle additional fuel supply until twofold clicks. After the two additional clicks, the amount of fuel allowed by the system is very low, we recommend therefore not to persist further.
- Wait approximately 10 seconds before removing the fuel nozzle in order to ensure completed supply of residual fuel and restrict the risk of fouling the fuel filler door area.
- Remove the fuel nozzle.
- Insert the cap on the fuel filler neck.
- Tighten the cap, turning it clockwise until it stops.
- Close the fuel filler door.

CAUTION!

To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

Fuel Filler Cap Open Warning Light

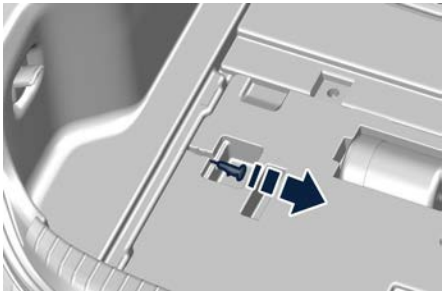
After refueling the car performs a check of the fuel filler cap and the amber warning light on the cluster display comes on if it is not correctly closed, after approximately 10 minutes also depending on driving conditions.

If the problem is in the fuel system, the Malfunction Indicator Light also comes on.
If the fuel filler cap is locked and the issue remains in the system, at the next engine start only the Malfunction Indicator Light comes on. In this case, contact an **Authorized Maserati Dealer**.

Emergency Fuel Filler Door Release

If you are unable to unlock the fuel filler door using the key fob, use the fuel filler door emergency release located in the trunk.

- Open the trunk lid (see “Trunk Lid Operation” in section “Before Driving”).
- Lift the trunk ground coverage.
- Pull the release cable in the left part of the compartment moderately to avoid its possible break. It's not possible to feel or hear the unlocking of the fuel filler door actuator.



- Then open normally the fuel filler door.

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 600 mi (1000 km) 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 trunk, 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!

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.

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 traveling 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.
- 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 maneuvers 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 hydroplaning 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.
- In low grip conditions use “Comfort” driving mode (see chapters “Drive Mode” in this section).
- 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 traveling 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 maneuver 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.

WARNING!

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 maneuvers that could be dangerous for the following vehicle.
- Never coast downhill with the engine 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 “Comfort” 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 you 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.

WARNING!

Rapid acceleration on slippery surfaces is dangerous. Accelerate slowly and carefully whenever there is likely to be poor traction (ice, snow, wet mud, loose sand, etc.).

Driving through Flooded Sections

Driving through water sections will requires extra caution to ensure passenger safety and prevent damage to your vehicle.

6 - In an Emergency

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 center. 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/engine-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 an **Authorized Maserati Dealer**.
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 center 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 airbag deployment providing that the ignition device is in **ON** position and airbags 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 center 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 center.

- **Customer Service Call**

Customer Service provides assistance and support on general enquiries.

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.

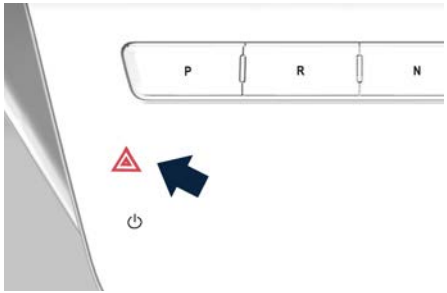
In the Event of an Accident

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 engine 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.
- 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.

Hazard Warning Flashers

The hazard warning flasher capacitive touch button is located on the left side of the Comfort Display.



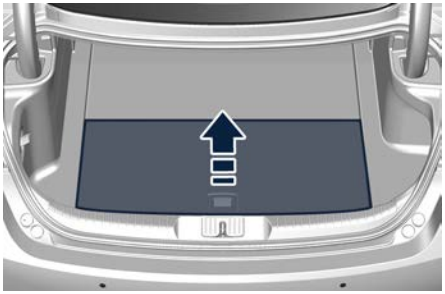
Press the soft-key to turn on the hazard warning flashers to warn oncoming traffic of an emergency. When these lights illuminate, the turn signals, the related indicator lights on the instrument cluster and the button start flashing.
Press the soft-key a second time to turn off the hazard warning flashers.
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.

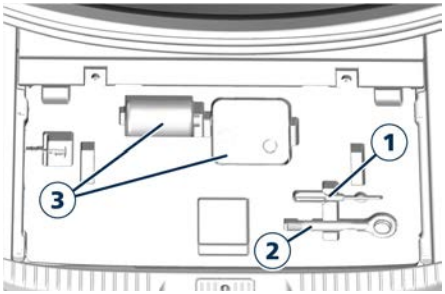
Tool Kit

The tools are located in the trunk inside a preformed container.
To access the tools, lift the trunk ground coverage, by acting on the handle.



The tools inserted in the trunk containers are the following:

Ref.	Description
1	Double torx + cross-head screwdriver
2	Emergency tow hook
3	Tire repair kit



Engine Overheating

To reduce potential overheating of the engine in city traffic, while stationary, place the transmission in N (Neutral) mode, but do not increase the engine idle speed.

NOTE:

There are steps that you can take to slow down an impending overheat condition:

- **If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine 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 engine cooling system.**

CAUTION!

Driving with a hot cooling system could damage the engine. If the temperature gauge is positioned on the red zone “H” (refer to “Instrument Cluster Overview" in section “Dashboard Instruments and Controls”) and the red warning light comes on, 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” and the red warning light stays on, turn the engine off immediately and contact an **Authorized Maserati Dealer**.

WARNING!

You or others can be badly burned by hot engine 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 is equipped with a tire repair kit.

WARNING!

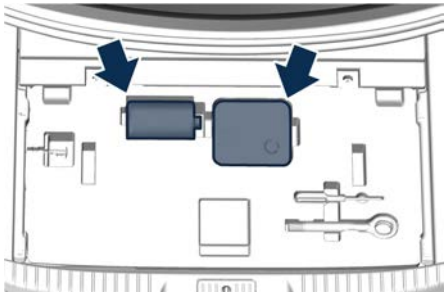
An unsecured or incorrectly positioned load increases the risk of injury during sharp braking, a sudden change of direction or an accident.

Using Tire Repair Kit

Small punctures up to 1:4" (6 mm) in the tire tread can be sealed using the tire repair kit, fitted on the battery cover, inside of the trunk 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.



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 6 miles (10 km) with a maximum speed of 50 MPH (80 km/h).

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 -4°F (-20°C).
- 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 trunk or inside the passenger compartment (see "Internal Equipment" in section " Understanding the Vehicle").**
- **When having the tire serviced to an Authorized Maserati Dealer or to a tires service center, advise who performs the operation that the tire has been sealed using the tire repair kit.**

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 an **Authorized Maserati Dealer**.

Replace the faulty fuse with a new one featuring the same rating, by using appropriate forceps.

The color identifies the value of the fuses in amperes which is also reported on them.

The table shows the match between color 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	

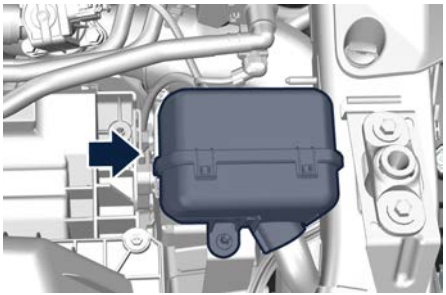
CAUTION!

- 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 an **Authorized Maserati Dealer**.

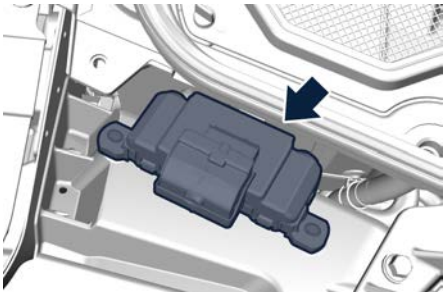
Position of Fuses

The fuses are located in five parts of the vehicle, namely:

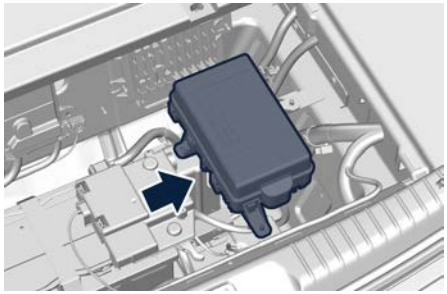
- inside the fuse and relay box, on the front left hand side of the engine compartment;



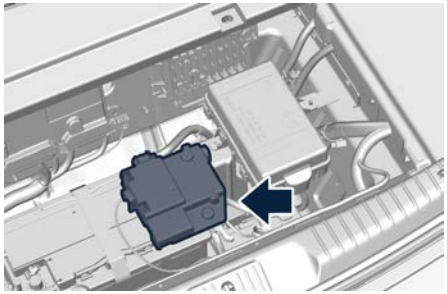
- inside the remote positive post, on right hand side of the engine compartment;



- inside the fuse and relay box located in a covered area,, on the rear left hand side of the engine compartment;
- in the fuse and relay box located in a covered area, inside the inner central side of the trunk compartment.

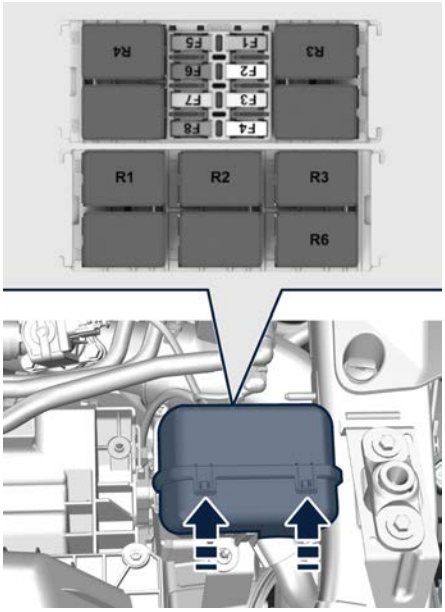


- on the positive post of the battery, inside the inner central side of the trunk compartment.



Fuses Box on the Front Left Hand Side of the Engine 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.



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.
- If you need to wash the engine compartment, do not direct the water for too long directly on the module.

Ref.	Type	Function
F1	Mini – 25A	ECM input
F2	Mini – 5A	Eldor Battery input
F3	Mini – 25A	Primary Loads ECM LT input
F4	Mini – 15A	Secondary Loads LT input
F5	Mini – 20A	Secondary Loads RT input

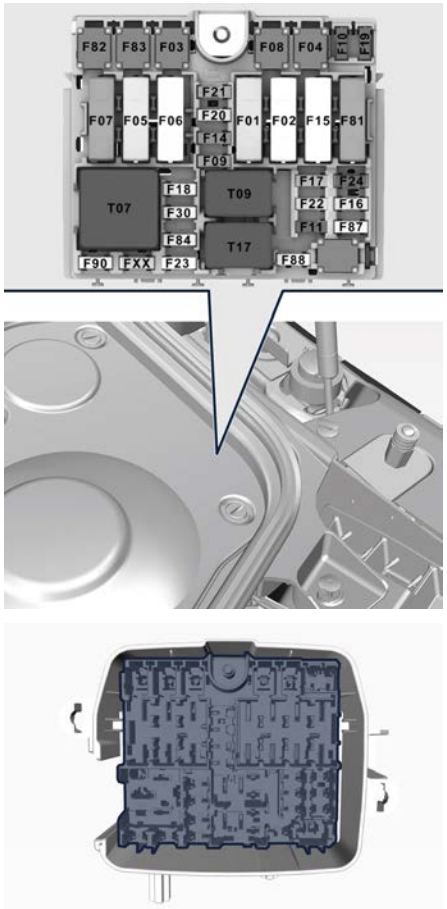
Ref.	Type	Function
F6	Mini – 20A	Primary Loads ECM RT input
F7	Mini – 7,5A	Dome console input
F8	Mini – 7,5A	RFHUB input
R3	Micro – 30A	HVAC Blower relay
R4	Micro – 30A	Heater ADAS relay

Ref.	Type	Function
R1	Micro – 30A	Horn relay
R2	Micro – 30A	Start&Stop relay
R3	Micro – 30A	Starter relay
R6	Micro – 30A	Cigarette Lighter relay

Fuses Box on the Rear Left Hand Side of the Engine Compartment

The module is located under a cover in the rear left hand side of the engine compartment.

Considering the complexity of this operation, we recommend you to contact an **Authorized Maserati Dealer**.



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	Cigarette Lighter / Power Outlet input
F04	Maxi – 40A	IBS valves module
F05	Maxi – 60A	EPS2 module
F06	Maxi – 30A	ETM R1 module
F07	Maxi – 50A	Engine main input
F08	Maxi – 40A	HVAC Blower input
F09	Mini – 20A	BCM module
F10	Mini – 10A	Horn input
F11	Mini – 10A	EPS1 module
F14	Mini – 15A	TCM module
F15	Maxi – 20A	Starter input
F16	Mini – 3A	Clockspring input
F17	Mini – 10A	EPS2 module
F18	Mini – 10A	BCM 3 module

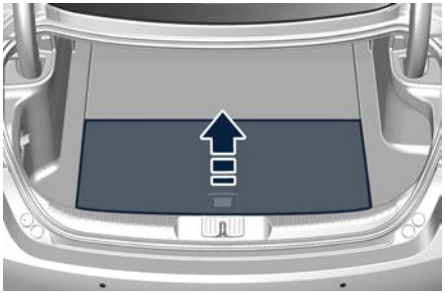
Ref.	Type	Function
F19	Mini – 15A	Devio, HUD & IPC module
F20	Mini – 20A	LT Headlamp input
F21	Mini – 20A	RT Headlamp input
F22	Mini – 20A	Master F90, FXX
F23	Mini – 20A	Master F7, F8
F24	Mini – 7,5A	SGW, HRLS module
F30	Mini – 20A	BCM 4 module
F81	Maxi – 25A	DTCM AWD module
F82	Maxi – 20A	Wiper input
F83	Maxi – 20A	Master F87
F84	Mini – 7,5A	ECM Module
F87	Mini – 5A	ADAS input
F88	Mini – 10A	A/C Compressor module
F90	Mini – 10A	ECM/DTCM module
FXX	Mini – 7,5A	AQS module
T07	Maxi – 50A	Engine main relay

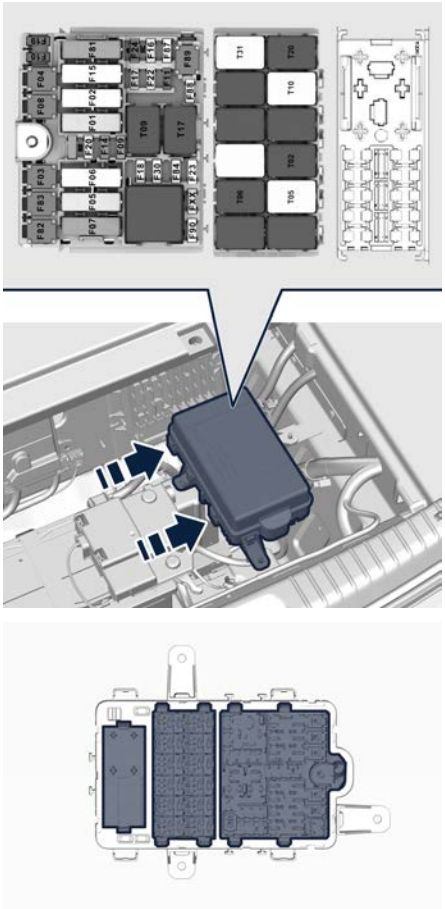
Ref.	Type	Function
T09	Micro – 30A	BCM module relay
T17	Micro – 30A	A/C Compressor relay

Fuse Box in the Trunk Compartment

This box is located in a covered area inside the trunk compartment in the inner central side.

To access the fuses, lift the trunk ground coverage, by acting on the handle, then remove the battery cover. Remove the module cover unhooking the lateral 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.





Ref.	Type	Function
F2	Mini – 25A	Motor H001 input
F3	Mini – 7,5A	E-Latch Passenger side input
F4	Mini – 7,5A	E-Latch Driver side input
F8	Mini – 25A	Motor H002 input
R1	Maxi – 50A	VDCM Air Spring relay

Ref.	Type	Function
T02	Micro – 30A	ECU VDCM Relay
T05	Micro – 30A	Fuel Pump 2 relay
T06	Micro – 30A	Steering Wheel Heater relay
T10	Micro – 30A	Fuel Pump 1 Relay
T20	Micro – 30A	H001 Heated relay
T31	Micro – 30A	H002 Heated relay

Ref.	Type	Function
F01	Maxi – 50A	Master FXX / 4+2 MTA (F3 - F4) input
F02	Maxi – 30A	BCM1 module
F03	Maxi – 30A	eLSD module
F04	Maxi – 25A	Passenger Door module
F05	Maxi – 25A	Driver Door module
F06	Maxi – 25A	BCM2 module
F07	Maxi – 30A	Fuel pump 2 module
F08	Maxi – 30A	HI-FI module
F09	Mini – 20A	ECU VDCM module
F10	Mini – 10A	ORC module
F11	Mini – 5A	Wireless Charger input
F14	Mini – 7,5A	ITM module
F15	Maxi – 40A	Air Spring module
F16	Mini – 10A	IBS module
F17	Mini – 7,5A	USB Charger input

Ref.	Type	Function
F18	Mini – 15A	CVPAM / H001 / H002 / ALM I025 HUB / HFRM / C070 module
F19	Mini – 10A	Steering Wheel Heater input
F20	Mini – 25A	Master E-Latch module
F22	Mini – 20A	12 V Trunk 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
F83	Maxi – 30A	Fuel Pump 1 module
F84	Mini – 10A	VDCM module
F87	Mini – 15A	CADM module
F88	Mini – 7,5A	ORC module
F89	Maxi – 30A	Rear F87 + F24 module

Ref.	Type	Function
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	Defrost relay

Ref.	Type	Function
R1	Maxi – 50A	Rear Defrost Relay

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 replace a single LED of the cluster, we recommend that you contact an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer** to replace them.

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 an **Authorized Maserati Dealer** 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, load it on a rescue vehicle, avoiding to move it if only the rear axle is lifted, since the torque converter of AWD system might be seriously damaged. For more information on vehicle towing, see "Towing a Disabled Vehicle" chapter in this section.

Transmission Manual Release of P (Park) Position

Contact an **Authorized Maserati Dealer** 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) or M (Manual) and R (Reverse) mode (see chapter “Automatic Transmission” in section “Driving and Driver Assistance Systems”). Shifting to M (Manual) mode, try to free the car starting in second gear.

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 Comfort 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 engine or spinning the drive wheels may lead to transmission overheating and failure. Allow the engine to idle with the transmission in N (Neutral) mode for at least one minute after every five rocking-motion cycles. This will minimize 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 and a battery of another vehicle 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 color (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, starter motor, alternator 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, particularly the control units managing the ignition and fuel supply functions.

WARNING!

- **Do not attempt jump-starting if the discharged battery is frozen.**
- **To avoid the risk of explosion or fire, do not approach the battery with open flames or cigarettes that could generate sparks.**

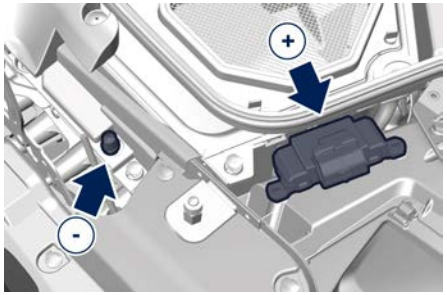
NOTE:

If you need to disconnect the battery from the vehicle electrical system, see “Battery Status and Maintenance” in section “Maintenance and Care”).

Battery Remote Posts Position

For easier operation, remote battery posts for jump starting are located in the engine compartment while the battery is stored in the trunk.

After lifting the hood (see “Open and Close the Hood” in section “Before Driving”) the positive remote post (+) and the negative remote post (–) are shown in the picture and are easily recognizable by the icons labeled on them.



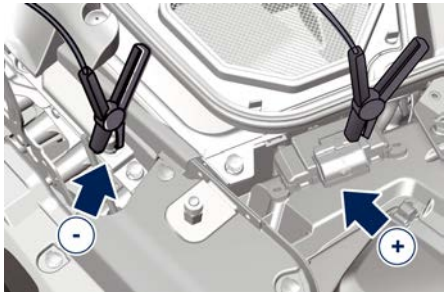
Jump-Start Procedure

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.**
- **Do not allow the vehicles involved in the jumpstarting operation to touch each other as this could establish a ground connection and cause personal injury.**

- 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**.
- If using another vehicle to jumpstart the battery, park the vehicle within the jumper cables reach and set the parking brake and make sure the ignition is off.
- Connect one terminal clamp of the positive jumper cable to the positive (+) remote 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 engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the engine in the vehicle with the discharged battery. If using a portable battery booster, wait a few seconds after connecting the cables, before starting the booster vehicle.

Once the engine is 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 remote positive (**+**) post of the discharged vehicle.

NOTE:

If frequent jump-starting is required to start your vehicle you should have the battery and charging system inspected at an Authorized Maserati Dealer center.

Towing a Disabled Vehicle

Proper towing or lifting equipment is required to prevent damage to your vehicle.

CAUTION!

Any improper maneuver and use of unsuitable equipment for recovering vehicle in an emergency from off road location could seriously damage the vehicle. Contact an **Authorized Maserati Dealer**.

Manual Release of Transmission with Low Battery

In order to push or tow the vehicle if unable to shift the transmission out of P (Park) (such as a discharged battery), a manual park release is available. In this case it is necessary to manually release the transmission and release the parking brake if inserted (see “Emergency Release of the Parking Brake” in this section).

Follow the steps as indicated in “Transmission Manual Release of P (Park) Position” in this section to manually disengage the transmission.

Vehicle Towing Conditions

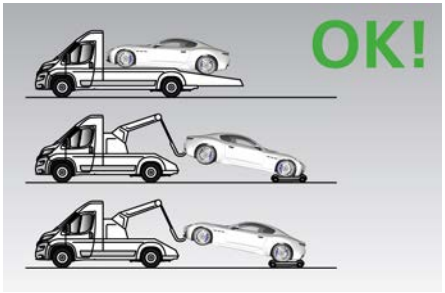
Maserati only allows vehicle towing with all four wheels off the ground.

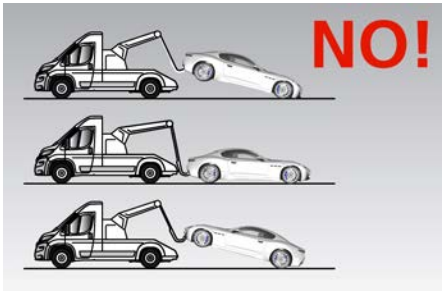
CAUTION!

Single axle towing or use of a tow dolly is not allowed since it will severely damage vehicle components.

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 manoeuvers.





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.

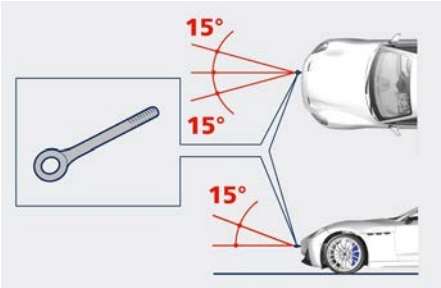
The tow hook is contained in the tool kit (see “Tool Kit” chapter in this section) and must be screwed in the seat located on the front bumper.

- 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.

MODENA Version

TROFEO Version

- 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

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 **Authorized Maserati Dealer**. 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 an **Authorized Maserati Dealer** of any minor operating problem, without waiting for the next scheduled service.

NOTE:

- **Change your engine oil more often if you drive your vehicle for short trips without reaching operating temperature. Even the use of the vehicle with extremely hot or cold ambient temperature may make necessary change engine oil more often.**
- **Under no circumstances should oil change intervals exceed mileage/years reported on the "Scheduled Service Plan" in this section.**

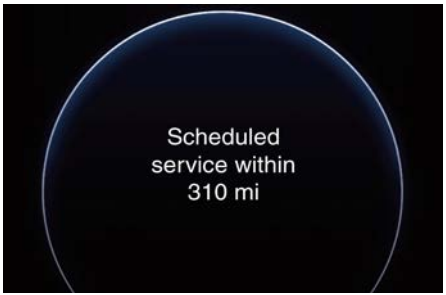
CAUTION!

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 620 mi (1000 km) 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 mi/km 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).
An **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer**. 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 9.321 mi (15.000 km) or 1 year (*)**					
Vehicle road test		I		I		I
Check with Maserati Diagnosis	I	I	I	I	I	I
Tire repair and first aid kits (if present): expiration date	I	I	I	I	I	I
Engine oil and filter	R	R	R	R	R	R
Engine coolant level	I	I	I	I	I	I
Engine compartment: visual check for damages and leaks	I	I	I	I	I	I
Cooling system connections and lines: visual check for leaks	I	I	I	I	I	I
Engine Air filter	(1)					
Accessory drive belt		R		R		R
Spark plugs	(2)					
Brake fluid level	I	I	I	I	I	I
Brake fluid	(3)					
Brake system: lines, calipers, pads, discs, connections - Parking brake operation	I	I	I	I	I	I
Tire wear and tire pressure	I	I	I	I	I	I
Joints, rods for front and rear suspensions, front and rear under-chassis	I	I	I	I	I	I
Air spring functional check		I		I		I
Correct operation and reliability of the seats and seat belts	I	I	I	I	I	I
Pollen filter	R	R	R	R	R	R
Windshield fluid level - Windshield washer- Wiper blades	I	I	I	I	I	I

Service coupons	1°	2°	3°	4°	5°	6°
Main operations	**Interval running coupons: every 9.321 mi (15.000 km) or 1 year (*)**					
TBM (E-call module): battery ( )	(4)					
Check operation of lighting system (headlights, direction indicators, hazard warning lights, trunk, passenger compartment, glove compartment, instrument panel warning lights, etc.)	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	

(*) Interval running coupons for Canada, Puerto Rico and USA.
I = Inspect and carry out any other necessary operation
R = Replace
(1) The change interval of the engine air filter in no dusty areas is every 24.855 mi (40.000 km). If the vehicle is used in dusty areas (see paragraph "Dusty Areas"), the filter must be replaced every 12.427 mi (20.000 km).
(2) Replace spark plugs every 37.282 mi (60.000 Km).
(3) The brake fluid, regardless of the mileage, must be replaced every 2 years.
(4) The TBM's battery must be replaced every 5 years.

Dusty Areas

In the following table there is the list of all dusty countries:

Canada
Puerto Rico
USA

Periodic Maintenance

Every 600 mi (1000 km) or before long journeys

Check:

- engine coolant;
- 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.

Every 1900 mi (3000 km)

Check and top up, if required, the engine oil level.

Heavy-Duty Vehicle Use

If the car is mainly used under one of the following conditions:

- off-road;
- short, repeated journeys (less than 4-5 mi / 7-8 km) at sub-zero outside temperatures;
- engine often idling or 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 trunk locks, cleanliness and lubrication of linkage;
- visually inspect conditions of: engine, transmission, pipes and hoses (exhaust - fuel system - brakes) and rubber elements (boots - sleeves - bushes - etc.);
- check battery charge;
- visually inspect condition of the accessory drive belts;
- check and, if necessary, change engine oil and replace oil filter;
- check and, if necessary, replace pollen filter of the A/C system;
- check and, if necessary, replace air cleaner filter.

CAUTION!

All maintenance operations for the vehicle must be carried out by an **Authorized Maserati Dealer**. 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 an **Authorized Maserati Dealer**.

On-Board Diagnostics (OBD)

Your vehicle is equipped with a sophisticated on-board diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and automatic transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as engine emissions suited to current government regulations.

If any of these systems require service, the OBD II system will turn on the Malfunction Indicator Light on the instrument cluster display (refer to “Warning and Indicator Lights” in section “Dashboard Instruments and Controls”).

The system stores as well diagnostic codes and other information to assist your service technician by performing repairs.
Although the vehicle will be driveable and will not need towing, contact an **Authorized Maserati Dealer** for service as soon as possible.

CAUTION!

- When the ignition device is in the **ON** position and if the indicator light does not switch on or if it switches on while driving, contact an **Authorized Maserati Dealer** as soon as possible.
- Prolonged driving with the MIL on could cause damage to the engine control system. It also could affect fuel economy and drivability.
- The warning light flashes to indicate operating states which might lead to damage in catalytic converter and engine performance degradation. A drive mode change occur. If this occur immediately reduce the vehicle speed and engine load. The warning light should switch off after the critical range is left.
- If the warning light continues to flash or it switches to solid lamp, it indicates a persistent fault in the engine management system that may cause a severe damage to catalytic converter and a power loss could occur. In this case contact immediately an **Authorized Maserati Dealer**.

Emissions Inspection and Maintenance Programs

In some localities, it may be a legal requirement to pass an inspection of your vehicle's emissions control system. Failure to pass could prevent vehicle registration. For states that require an Inspection and Maintenance (I/M), this check verifies the “Malfunction Indicator Light ” is functioning and is not on when the engine is running, and that the OBD II system is ready for testing.
Normally, the OBD II system will be ready. The OBD II system may not be ready if your vehicle was recently serviced, recently had a dead battery or a battery replacement. If the OBD II system should be determined not ready for the I/M test, your vehicle may fail the test.
To check if your vehicle's OBD II system is ready, you must do the following:

1. Press the ignition device to the **ON** position, but do not crank or start the engine.
2. As soon as you press the ignition device to turn the engine On, you will see the MIL remain illuminated for 15 seconds, this is a normal bulb check.
3. Approximately 15 seconds later, one of two things will happen:
   - The MIL will remain illuminated and a message error will appear on your instrument cluster. This means that your vehicle's OBD II system is not ready and you should not proceed to the I/M station.
   - The MIL will turn Off. This means that your vehicle's OBD II system is ready and you can proceed to the I/M station.

If your OBD II system is not ready, you should see an **Authorized Maserati Dealer** or repair facility. If your vehicle was recently serviced or had a battery failure or replacement, you may need to do nothing more than drive your vehicle as you normally would in order for your OBD II system to update. A recheck with the above test routine may then indicate that the system is now ready.
Regardless of whether your vehicle's OBD II system is ready or not, if the MIL is illuminated during normal vehicle operation you should have your vehicle serviced before going to the I/M station. The I/M station can fail your vehicle because the MIL is on with the engine running.

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.

Dealer Service

An **Authorized Maserati Dealer** has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.
Intentional tampering with emissions control systems may void your warranty and could result in civil penalties.

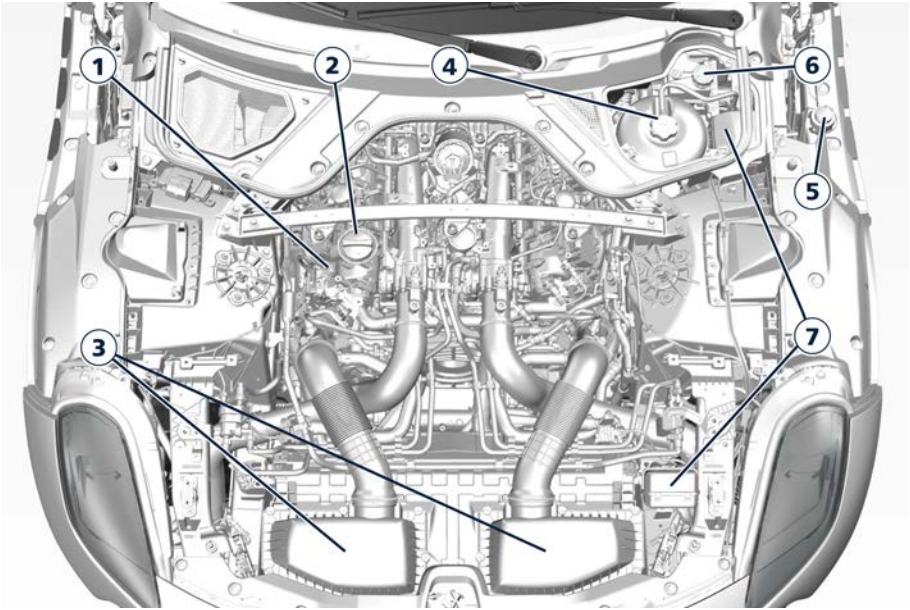
WARNING!

You could be injured working on or around a motor vehicle. Take your vehicle to an Authorized Maserati Dealer.

Maintenance Service Components

The following images show the position of the components involved in the maintenance service.

1. Engine oil dipstick (for **Authorized Maserati Dealer** use only).
2. Engine oil filler neck.
3. Air cleaner filters.
4. Engine coolant expansion reservoir access cover.
5. Windshield washer fluid reservoir cap.
6. Brake fluid reservoir access cover.
7. 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.
To perform most of the services, it is necessary to open the hood (see "Open and Close the Hood" in section "Before Driving").

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 an **Authorized Maserati Dealer** or a qualified repair center.
- 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 engine, 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!

- **The engine oils and fluids used contain substances that are dangerous for the environment. For replacement you are advised to contact an Authorized Maserati Dealer, 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.**

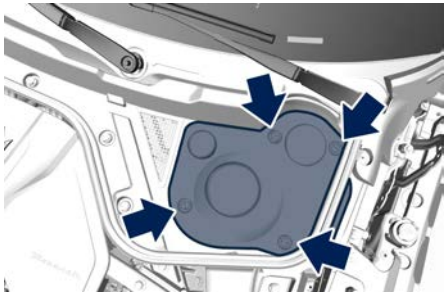
Engine Coolant Level Check

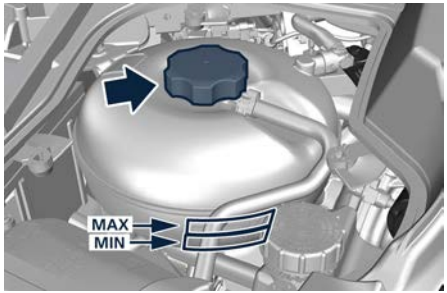
Your vehicle has been equipped with an improved engine coolant (antifreeze) that offers high protection against corrosion, freezing and allows extended maintenance intervals. To prevent reducing extended maintenance periods, it is important to use original engine coolant (antifreeze) when adding coolant throughout the life of your vehicle.
When adding engine coolant (antifreeze) use pure water only, such as distilled or deionized water when mixing the water/engine coolant (antifreeze) solution. The use of impure water will reduce the amount of corrosion protection in the engine cooling system.

- Mix a minimum solution of 50% engine coolant (antifreeze) and distilled water. Use higher concentrations (do not exceed 70%) if temperatures below −35°F (−37°C) are forecasted (see "Refilling Table" in section "Technical Specifications").

Please note that it is the owner's responsibility to maintain the proper level of protection against freezing according to the temperatures occurring in the circulation area of the vehicle.
The coolant reservoir provide a quick visual method to determine that the coolant level is adequate. As long as the engine operating temperature is satisfactory, the coolant reservoir only need to be checked once a month.
With the engine off and cold, the level of the coolant in the reservoir on the left side of the engine 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 engine coolant (antifreeze) is needed to maintain the proper level, contact an **Authorized Maserati Dealer** to have the reservoir refilled.

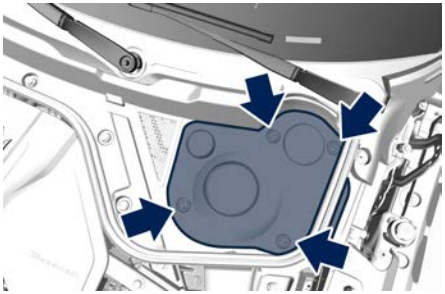
WARNING!

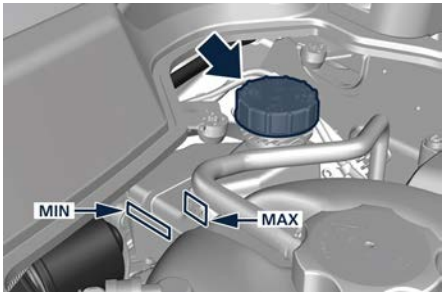
- **Never add engine coolant (antifreeze) when the engine is hot. Do not loosen or remove the cap of the engine coolant reservoir to cool a hot engine. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.**
- **When adding coolant do not use a pressure cap other than the one specified for your vehicle. Personal injury or engine damage may result.**

Brake Fluid Level Check

Check the fluid level immediately if the brake system warning light **BRAKE** (United States market) or (Canadian market) 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 an **Authorized Maserati Dealer** 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 an **Authorized Maserati Dealer**.

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.

CAUTION!

- 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.
- Overfilling the brake fluid reservoir can result in spilling brake fluid. 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 seal components could be damaged.

Adding Windshield Washer Fluid

The reservoir on the left side of the engine 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 3,4 Quarts (3,2 liters) of washer fluid.

- Lift the reservoir cap in the engine compartment.

- 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.**

Engine Oil Level Check

To assure proper lubrication of your vehicle's engine, the engine oil must be maintained at the correct level.

If the warning light illuminates and the related message of low oil level displays, or during scheduled services (see “Scheduled Maintenance Service” in this section) it is necessary to check the engine oil level.

The engine is equipped with a sensor that can detect the oil level which can be viewed on the MIA display by entering the "Vehicle" menu and choosing the "Oil Level" submenu in "MyCar". A critical condition (e.g.: critical level, oil sensor failure, etc.) is signaled by the lighting of the dedicated warning light and by

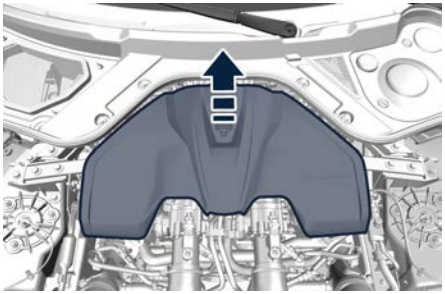
pop up messages (see "Instrument Cluster Pop Up Messages" in section "Dashboard Instruments and Controls"). The vehicle should be parked on level ground and then follow the instructions on the MIA display.

CAUTION!

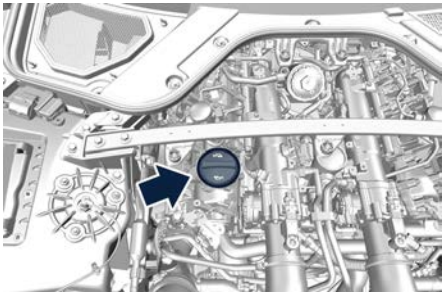
- Do not top up with oil with different characteristics than the engine one (refer to: "Refilling Table" in section "Technical Specifications").
- Overfilling or underfilling the sump will cause aeration or loss of oil pressure. This could damage your engine.
- Do not add any supplemental materials to the engine oil, other than leak detection dyes. Engine oil is an engineered product, and its performance may be impaired by supplemental additives.

NOTE:
Dipstick check is only allowed by the Authorized Maserati Dealer (not a reference for oil level check).

- The oil level should maintain between the "min" and "max" marks indicated at the ends of the bar of the "Oil Level" submenu (refer to "Refilling Table" in section "Technical Specifications").
- If a refilling is necessary: remove the engine cover.



- Unscrew the filler neck cap.



- Adding 1,6 Quarts/1,5 liters of oil when the level is at the bottom of the Safe range will result in the level being at the top of the SAFE range.
- Return the cap to his position and wait for a few minutes to allow the oil to reach the sump.
- Check the level again.

Engine Oil Filter Replacement
The engine oil filter should be replaced with a new filter at every oil change.
Contact an **Authorized Maserati Dealer** to perform this service.

Automatic Transmission Oil Check
Contact an **Authorized Maserati Dealer** 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 of the engine.
For the preparation of the mixture of water and antifreeze and for the control of the level, proceed as shown in the “Engine Coolant Level Check” of this chapter.

Engine Air Filters Replacement

Contact an **Authorized Maserati Dealer** to have the air filters replaced.

A/C Air Filter Replacement

Contact an **Authorized Maserati Dealer** 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 engine 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 3 MPH (5 km/h) 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 such as engine oil, gasoline, etc.

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 an Authorized Maserati Dealer for replacement of the blades.

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.

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 engine compartment for jump starting to be used with an auxiliary battery or a battery from another vehicle (see "Auxiliary Jump-Start Procedure" chapter in section "In an Emergency").

Battery State of Charge

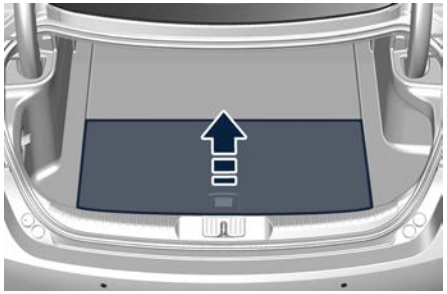
To avoid problems with ignition and/or the electrical system in general when you are driving, the battery charge status is constantly maintained and guaranteed by the vehicle's recharge circuit; the main component of which is the alternator. This circuit is only able to supply voltage to the battery when the vehicle is traveling.

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 engine starts properly and that all the electrical/electronic systems in the vehicle work efficiently.

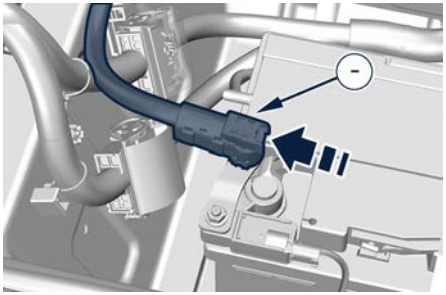
To Disconnect the Battery

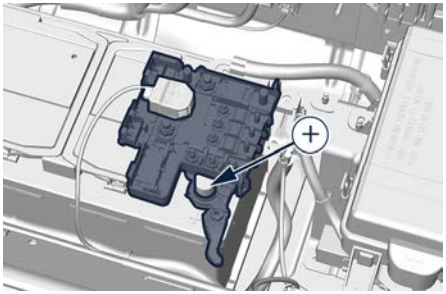
The battery is located on the inner central side of the trunk compartment. To access the battery it is necessary to lift the ground coverage of the trunk compartment (see chapter “Tool Kit” in section “In an Emergency”) and remove the battery cover.



CAUTION!

- Before disconnecting the battery, open the trunk lid. The trunk lid must remain open until the charged battery is reconnected.
- Never disconnect the battery from the electrical system when the engine is running.
- To temporarily disconnect the vehicle electrical system from the battery, simply remove the cable end with quick coupling from the negative post (–) of the battery.
- If the battery needs to be removed from its compartment, you must first detach the terminal clamp to the negative post (–) and then the other terminal clamp to the positive post (+), after removing the protective cover. Battery posts are marked positive (+) and negative (–) and are identified on the battery case.





To Reconnect the Battery

CAUTION!

- It is essential when reconnecting the cables on the battery that the positive cable is precisely attached to the positive post (+) and the negative cable is attached to the negative post (–).
- Cable clamps should be tight on the terminal posts and free of corrosion.

After the battery has been disconnected and re-connected and before starting the engine it is necessary to proceed as follows:

- Unlock and lock the doors using the key fob.
- Close manually the trunk lid, unlock it with the key fob and then lock it manually on more time. Then move the trunk lid automatically, using the buttons on the right side of the outer edge of the trunk lid, performing a complete cycle of opening and closing. If the limit of maximum power trunk lid opening has been set, it is necessary to reset it (see “Trunk Lid Operation” in section “Before Driving").
- Initialize the climate control system by activating the system and pressing the “AUTO” control as described in chapter "Air Conditioning Controls" in section “Dashboard Instruments and Controls”.
- Turn on the MIA and set the date and time.
- Lift, release and lift again the lever under the driver lower side of the dashboard to initialize the electric parking brake. Following this operation, at the next key cycle, the (P)! warning light on the instrument cluster will turn off and the error messages regarding the unavailability of the radar functions will also no longer be present.
- Start the engine and perform the end-stop learning of EPS, steering fully to the left and then to the right. The EPS failure warning light and message should disappear on the cluster display.

CAUTION!

- Every time the battery is reconnected, wait at least 30 seconds with the ignition device set in **ON** before starting the engine, in order to allow the electronic system that manages the motor-driven throttles to run a self-learning cycle. At the same time, you can run the date and time set up procedure for the MIA.
- Every time the battery is reconnected the warning lights **BRAKE** (on vehicles of United States market) or (!) (on vehicles of Canadian market) and (P)! flash for about 10 seconds and then go off.

Useful Advice to Extend Battery Life

When parking the vehicle, make sure that the doors, hood, trunk lid and flaps are properly closed. All interior lights should be off.

When the engine is 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.

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).
If the vehicle is not used for long periods of time, please see “Vehicle Stored for Long Periods” in this section.

Battery Recharge

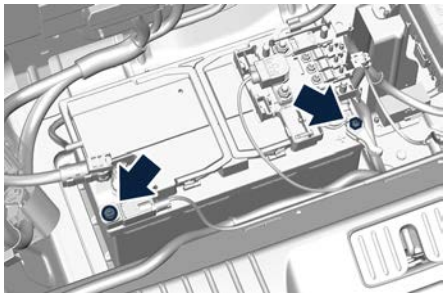
WARNING!

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.

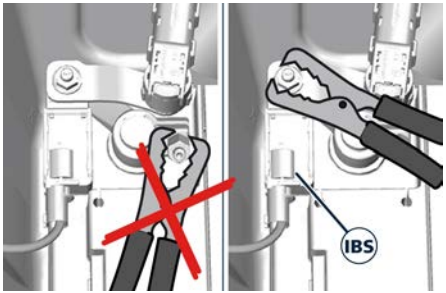
- **Before using a charger device always check that this tool is suitable for the installed battery, with constant voltage (lower than 14.0 V) and low amperage (maximum limit 15 A).**
- **Recharge the battery in a well-ventilated environment.**
- **Never charge or recharge a frozen battery.**
- **Ensure 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 lift the ground coverage of the trunk compartment (see chapter “Tool Kit” section “In an Emergency”) and remove the battery cover.
- 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

If you perform short daily trips (approximately 10 miles/16 km), which correspond to an annual total of 4000 miles/6000 km, or when the vehicle is not going to be used for one week or more, Maserati recommends connecting the vehicle to a battery charger, to save you the trouble of having to recharge the battery. The battery charger will keep the battery charged properly and at the correct voltage levels required by the systems and devices in the vehicle. Before using the battery charger, carefully follow the instructions provided.

If you do not use a battery charger to prevent the battery from going flat when you are not going to use the vehicle for long periods of time, you need to check and recharge the battery at least once every three weeks. Make this check if you perform short daily trips (approximately 10 miles/16 km) which correspond to an annual total of 6000 km/4000 miles. Please note that allowing the battery to go flat repeatedly can cause premature wear on the internal cells and greatly reduce their life, leading to problems with the ignition system and other electrical/electronic systems.

An **Authorized Maserati Dealer** is available to advise you on how to recharge your battery correctly and give you useful information on battery care and maintenance.

NOTE:

An Authorized Maserati Dealer can provide you with any information about the Maserati approved "Battery Charger and Conditioner", available in the "Genuine Accessories" range.

WARNING!

The process of charging or recharging the battery produces hydrogen, a dangerous gas that can explode and cause serious injuries. When charging or recharging the battery, follow the recommended precautions at all times:

- **always charge or recharge the battery in a well-ventilated environment;**
- **never charge or recharge a battery that has frozen;**
- **ensure that any sparks or open flames are nowhere near 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.**

A/C System Maintenance

For best performances, the air conditioning system should be checked and serviced by an **Authorized Maserati Dealer** at the beginning of the warm season.
This service should include cleaning of the condenser check of the drive belt tension 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 310 mi (500 km):
- 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 or 5 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 0.067 in (1.7 mm) or 0.073 in (1.86 mm), 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.**
- **Drive carefully on wet roads to decrease the risk of hydroplaning.**

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 functions of these tires are significantly reduced in winter when tread depth is less than 0.073 in (1.86 mm). In this case, they should be replaced.

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.

An **Authorized Maserati Dealer** can provide all necessary information about fitting winter tires on the vehicle.

NOTE:

- **We recommend fitting winter tires on the vehicle at temperatures below 45 °F (7 °C) since the driving performance of summer tires is reduced at low temperatures. Summer tires may be permanently damaged at extremely low temperatures.**

(Continued)

(Continued)

- **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.

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, engine compartment, 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, 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:

An Authorized Maserati Dealer 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 engine compartment and/or the trunk 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 solution 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, trunk 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 trunk 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 16 in (40 cm) from the bodywork to avoid damaging it.

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 86 °F/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 trunk 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.
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 fogging/condensate disappear when switching on the lights, starting from the center of the diffuser and going gradually to the edges.

Mouldings and Aluminum Trims

- For cleaning mouldings and aluminum trims, avoid the use of acidic or alkaline

cleaning agents that can destroy the protecting surface treatment.
- After washing aluminum 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 aluminum trim with a lot of clear water.
- While cleaning in the car wash please make sure that the mouldings and aluminum trims only gets contact with soft brushes or textiles.

Engine Compartment

At the end of each winter season, carefully wash the engine compartment, remembering to avoid directing the jet of water for too long on the electric parts. To perform this operation, you must contact an **Authorized Maserati Dealer**.

"Car Wash" Mode

To move the vehicle in tunnel washers, or generally move with engine off, you can use the following mode.
- Vehicle must be on level ground, stationary or moving up to 0.6 mph (1 km/h).
- Move the transmission in N (Neutral) mode.
- The brake pedal pressed or not pressed.
- Turn the engine off by pressing the **START/STOP** button.

Through these steps, the driver's door must be closed. This condition will persists 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.

CAUTION!
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.

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 an **Authorized Maserati Dealer** which has the required specific products.

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:

An Authorized Maserati Dealer 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.
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 engine.
- Check that the parking brake is NOT engaged.
- Disconnect the battery or connect a battery charger (refer to paragraph “Maintaining Battery Charge” of chapter “Battery Status and Maintenance” in this section).
- 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 engine 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.
- Cover the vehicle with a long cloth in breathable fabric (available from an **Authorized Maserati Dealer**). 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 14.5 psi (1 bar) higher than the normally prescribed one, and check it at regular intervals.
- If vehicles are left stationary for several weeks, 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.

NOTE:
An Authorized Maserati Dealer can provide you with any information about the available “Indoor and Outdoor Car Covers”, available in the “Genuine Accessories” range.

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 (oil, brake and transmission fluid, engine coolant etc.).
- Have the engine oil and filter replaced.
- Check the fluid levels in the brake system, as well as the engine coolant level.
- Check the air filters and have them replaced if necessary.
- Reconnect the battery after checking the charge status (refer to “Battery Status and Maintenance” in this section) and perform the initializing procedure if applicable.
- With the transmission in N (Neutral) mode, let the engine idle for several minutes.

In this way, the pneumatic suspension system will be able to reach the operating pressure and lift the car to the normal height.

WARNING!

The engine idle must be performed outdoors. Exhaust gases contain carbon monoxide which is strongly toxic and potentially lethal.

8 - Technical Specifications

Dimensions

	GranTurismo MODENA	GranTurismo TROFEO
Wheel base	115.3 in (2929 mm)	115.3 in (2929 mm)
Overall length	195.24 in (4959 mm)	195.51 in (4966 mm)
Overall width without mirrors	77.05 in (1957 mm)	77.05 in (1957 mm)
Overall width with mirrors	83.19 in (2113 mm)	83.19 in (2113 mm)
Front track	64.84 in (1647 mm)	64.84 in (1647 mm)
Rear track	65.35 in (1660 mm)	65.35 in (1660 mm)
Front overhang	37.36 in (949 mm)	37.36 in (949 mm)
Rear overhang	42.56 in (1081 mm)	42.83 in (1088 mm)
Overall height	53.27 in (1353 mm)	53.27 in (1353 mm)
Ground clearance	4.33 in (110 mm)	4.33 in (110 mm)
Trunk compartment volume	10.95 cu.ft. (310 l)	10.95 cu.ft. (310 l)

Weights

Weight Data

NOTE:
The specifications described can change without prior notification.

	GranTurismo MODENA - TROFEO
Unladen vehicle weight (with tanks filled, tools and accessories)	4072 lb / 1847 kg (*)
Approved Gross Vehicle Weight Rating (GVWR)	5060 lb /2295 kg (2363 lb / 1072 kg front axle - 2780 lb / 1261 kg rear axle)
(*) Base configuration without optionals.	

Cargo Area Weights

	GranTurismo MODENA - TROFEO
Maximum allowable load on the floor of the trunk	242 lb (110 kg)
Maximum static load on the rear parcel shelf	9 lb (4 kg)

Engine 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.

Data	GranTurismo TROFEO	GranTurismo MODENA
Cylinder number and position	6 - 90° V	6 - 90° V
Number of valves per cylinder	4	4
Bore x stroke	88 x 82 mm	88 x 82 mm
Total displacement	3.0 Liters	3.0 Liters
Compression ratio	11 : 1	11 : 1
Drive type	AWD	AWD
Maximum power output (EC) - corresponding RPM	405 kW – 542 hp 6500 rpm	360 kW – 483 hp 6500 rpm
Peak and overboost torque (EC) - corresponding RPM	487 lb-ft – 660 Nm 2500 – 5500 rpm	443 lb-ft – 600 Nm 2500 – 4500 rpm
Values obtained with 98 RON/88 MON unleaded gasoline.		

Engine Properties

Timing	The timing system uses two overhead camshafts with timing variator.
Timing system control	Timing chain.
Supply	Turbocharged with turbo compressor and related intercooler for each bank.
Injection – Ignition	High-pressure (350 bar) direct fuel injection and Low-pressure (6 bar) port fuel injection. Double ignition with prechamber and digital electronic control system included and controlled by a single microprocessor ECU.

Vehicle Data

Brakes

Self-ventilating disc brakes on the four wheels. The Electric Parking Brake (EPB) acts on the rear wheels.

	Braking System
	GranTurismo MODENA - TROFEO
Front disc diameter	Drilled and ventilated disc: 15 in (380 mm)
Rear disc diameter	Drilled and ventilated disc: 13.8 in (350 mm)

Transmission

Automatic transmission with 8 gears, torque converter, lock-up clutch and anti-slip function. Sequential and traditional control type.
AWD type transmission with central torque transfer case electronically controlled.
Traction system equipped with rear self-locking differential.

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 = 13.56 yds (12.4 m).
No. of steering wheel turns = 1.13 (to the left and right).

Fuel Consumption and Exhaust Emission

The fuel consumption and CO_2 emission figures declared by the manufacturer are determined on the basis of the type-approval tests laid down by the applicable standards in the country where the vehicle is registered.
The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured.
The fuel consumption will get more regular only after having driven the first 1860 miles (3000 km).
To find the specific fuel consumption and CO_2 emission figures for this car, please refer to the data in the Certificate of Conformity, and the related documentation that accompanies the vehicle.

Performance Data

NOTE:
The specifications described can change without prior notification.

	GranTurismo MODENA	GranTurismo TROFEO
Top speed	188 MPH (302 km/h)	200 MPH (320 km/h)
Accelerations from 0 to 60 MPH	3,9 seconds	3,5 seconds
Values obtained with 98 RON/88 MON unleaded gasoline.		

Wheels and Tires

NOTE:

- **For all the necessary information on rims and tires that can be installed on the car, please contact the Authorized Maserati Dealer.**
- **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 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 (*)**
265/30 ZR (front) (Summer Tires) 265/30 R (front) (Winter Tires)	20"	94 Y XL (Summer Tires) 94 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”.
- The tire inflation pressure values are also indicated on the rear driver door's ledge.

WARNING!

- **Improperly inflated tires are dangerous.**
- **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.**
- **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.

Low Speed < 155 mph (250 km/h)

Low Speed	Position on the Car	Tire Pressure
Summer Tires and Winter Tires (*)	Front Wheel (20")	36 psi (250 kPa - 2.5 bar)
	Rear Wheel (21")	36 psi (250 kPa - 2.5 bar)
(*) Do not exceed speed higher than the tire reference speed (100 MPH or 160 km/h).		

High Speed > 155 mph (250 km/h)

High Speed	Position on the Car	Tire Pressure
Summer Tires	Front Wheel (20")	50 psi (340 kPa - 3.4 bar)
	Rear Wheel (21")	50 psi (340 kPa - 3.4 bar)

Refilling Table

NOTE:
Maserati reserves the right to change or revise specifications without prior notification.

CAUTION!
To protect vehicle's integrity and maintain performance level always use genuine parts approved and recommended by Maserati.

Refilling and Recommended Products

Parts to be refilled	Quantity	Product specifications
Fuel tank	18,5 Gallons/70 liters (including 3,17 Gallons/12 liters of reserve)	Unleaded fuel with: • no less than 95 RON/85 MON/91 AKI • no more than 95 AKI No additives admitted.
Engine: oil capacity including filter cartridge	7,9 Quarts/7,5 liters (max) (MIN – MAX difference: 1,6 Quarts/1,5 liters)	Synthetic multigrade lubricants SAE 5W-40 that meet API SN and ACEA C3 specifications. Recommended oil: SHELL Helix Ultra Maserati 5W-40 - GH2.
Windshield washer fluid tank	3,4 Quarts/3,4 liters	Mix of water and detergent fluid, in the proportions indicated on the product package. If the temperature is below –4°F (–20°C), 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
Engine cooling circuit	10,1 Quarts/9,58 liters	Mixture of water and coolant, proportionally 50/50%. Coolant: protective, antifreeze action and ethylene glycol-based with organic inhibitors compatible with regulations: • ASTM D 3306, ASTM D 2570 • ASTM D 4340, ASTM D 2809 • SAE J 1034 • CUNA NC 956/16. Recommended fluid: PETRONAS Paraflu UP/OAT coolant according to MS.90032.
(**1**) Automatic transmission	10,6 Quarts/10 liters	Recommended fluid: Maserati M-ATF8
(**1**) Differential with eLSD	1,32 Quarts/1,25 liters	First equipment oil: CASTROL SAF Carbon Mod SAE 75W-80.
(**1**) Differential with mLSD	1,16 Quarts/1,1 liters	First equipment oil: CASTROL SAF EH Mod LV SAE 75W-80.
(**1**) Front differential	0,5 Quarts/0,475 liters	First equipment oil: SHELL TF0951-B.
Transfer case	0,74 Quarts/0,7 liters	First equipment oil: SHELL TF0870-B.
Braking system	0,85 Quarts/0,8 liters +/- 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). **CAUTION!** For each oil refilling and/or replacement, please contact an **Authorized Maserati Dealer**.
Air conditioning system	620 g +/- 20 g; 21,9 oz +/-0.7 oz;	Refrigerant: r1234yf.
	4,39 oz / 130 ml	First equipment oil: PAG ND12 (**1**)

Parts to be refilled	Quantity	Product specifications
(**1**) No change and/or topping up expected in scheduled maintenance.		

Engine Oil Identification Symbol

This symbol means that the oil has been certified by the American Petroleum Institute (API). Maserati only recommends API Certified engine oils.

CAUTION!

Do not use chemical flushes in your engine oil as the chemicals can damage your engine. Damage caused by use of non-approved chemicals is not covered by the new Vehicle Limited Warranty.

Engine Oil Viscosity (SAE Grade)

SAE 5W-40 engine oil is recommended for all operating temperatures. The engine oil filler cap also shows the recommended engine oil viscosity for your engine. For information on engine oil filler cap location, see chapter “Maintenance Procedures” in section “Maintenance and Care”.

Lubricants that do not have both the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Fuel Requirements

The engines are designed to meet all environmental regulations and provide excellent fuel economy and performance when using unleaded premium gasoline with an AKI octane rating of 91 or above.
AKI (Anti Knock Index) is an average on the Research Octane Number, RON, and the Motor Octane Number, MON (RON + MON/2 gives you the AKI).
For vehicle top performance, use unleaded premium gasoline with no less than 93 minimum AKI octane rating.
Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle at an **Authorized Maserati Dealer**.
Besides using unleaded gasoline with the proper octane rating, gasoline that contain detergents, anti-corrosion and stability additives are recommended.
Using gasoline that have these additives may help improve fuel economy, reduce emissions, and maintain vehicle performance.
It is recommended to use unleaded fuel with no more than 95 AKI. Additives that further increase the number of octanes are not admitted.

CAUTION!

- Maserati strongly recommends the use of Premium unleaded fuel ONLY. Use of lesser grade fuel (other than Premium) will lead to reduced engine performance, and poor fuel economy and can lead to the Malfunction Indicator Light (: chapter "Warning and Indicator Lights" in section "Dashboard Instruments and Controls) illuminating on the instrument cluster. Continued use of lesser grade fuel (other than Premium fuel) can lead to engine misfire problems and possible catalytic converter damage.
- The anti-pollution devices of the vehicle require unleaded fuel to be used at all times. Under no circumstance, not even in an emergency, should leaded fuel be supplied to the fuel tank, not even a minimum quantity. This would irreparably damage the catalytic converters. An inefficient catalytic converter results in noxious exhaust emissions which damage the environment.

Reformulated Gasoline

Many areas of the country require the use of cleaner burning gasoline, referred to as “Reformulated Gasoline”.
Reformulated gasoline contains oxygenates and are specifically blended to reduce vehicle emissions and improve air quality.
Maserati supports the use of reformulated gasoline. Properly blended reformulated gasoline will provide excellent performance and durability of engine and fuel system components.

Gasoline/Oxygenate Blends

Some fuel suppliers blend unleaded gasoline with oxygenates such as Ethanol. Fuels blended with oxygenates may be used in your vehicle.

CAUTION!

DO NOT use gasoline containing Methanol or gasoline containing more than 10% Ethanol. Use of these blends may result in starting and driveability problems, damage critical fuel system components, cause emissions to exceed the applicable standard, and/or cause the Malfunction Indicator Light to illuminate (: chapter "Warning and Indicator Lights" in section "Dashboard Instruments and Controls). Pump labels should clearly communicate if a fuel contains greater than 10% Ethanol.

Problems that result from using gasoline containing Methanol or gasoline containing more than 10% Ethanol are

not the responsibility of Maserati and may not be covered under warranty.

MMT in Gasoline

MMT (Methylcyclopentadienyl Manganese Tricarbonyl) is a manganese containing metallic additive that is blended into some gasoline to increase octane.

Gasoline blended with MMT provides no performance advantage beyond gasoline of the same octane number without MMT.

Maserati recommends gasoline **without** MMT to be used in your vehicle. The MMT content of gasoline may not be indicated on the gasoline pump; therefore, you should ask the gasoline station operator whether or not the gasoline contains MMT.

It is even more important to look for gasoline without MMT in Canada, because MMT can be used at levels higher than those allowed in the United States. MMT is prohibited in Federal and California reformulated gasoline.

Materials Added to Fuel

All gasoline sold in the United States is required to contain effective detergent additives. Use of additional detergents or other additives is not needed under normal conditions and they would result in additional cost.

Therefore, you should not have to add anything to the fuel.

Fuel System Warnings

CAUTION!

Follow these guidelines to maintain your vehicle's performance:

- The use of leaded gasoline is prohibited by Federal and Provincial law. Using leaded gasoline can impair engine performance and damage the emissions control system.
- The use of fuel additives, which are now being sold as octane enhancers, is not recommended. Most of these products contain high concentrations of methanol. Fuel system damage or vehicle performance problems resulting from the use of such fuels or additives is not the responsibility of Maserati.

NOTE:

Intentional tampering with the emissions control system can result in civil penalties civil penalties and could void the vehicle warranty.

Index

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