MASERATI

EXCELLENCE THROUGH PASSION

GRANCABRIO - GRANCABRIO SPORT

MASERATI

GRANCABRIO

GRANCABRIO SPORT

Owner's Manual

Dear Customer,

Thank you for choosing a **MASERATI**.

This vehicle represents the result of MASERATI's great experiencein the design and production of sports cars for both touring and racing.

The purpose of this manual is to provide you with an understanding of the equipment, systems and controls in the vehicle and to explain how they work.

In the final section of this manual you will also find instructions for basic maintenance procedures, which are needed 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 for respecting the environment.

For Maintenance Schedule services or any other operation, please contact the **Maserati Service Network** who are constantly updated and provided with the equipment required to ensure that all service operations are performed properly and reliably.

For improved safety, we recommend that you to read this manual carefully before driving the vehicle.

The Owner's Manual is an integral part of the vehicle and it must always be kept on board.

Historical info

1914
The Alfieri Maserati garage is founded in Bologna.

1926
Targa Florio, Type 26: debut and victory of a vehicle showing the Trident symbol on the front lid, inspired by the statue of Neptune in Bologna.

1927
Emilio Maserati becomes the outright Italian champion with the Type 26.

1929
Baconin Borzacchini in the Type V4: World landspeed record over 10 km at 246 Km/h.

1930
Borzacchini in the Type V4: first Grand Prix victory in Tripoli.

1933
Maserati, the most prestigious European manufacturer, introduces the hydraulic brake control in its racing vehicles. Giuseppe Campari in a Type 8CM wins the French Grand Prix and Tazio Nuvolari those in Belgium and Nice.

1934
Giuseppe Furmanik in a Type 4CM: World landspeed record in the class 1100 at 222 kph.

1939
Wilbur Shaw wins the Indianapolis 500 Mile-race on the 8CTF Maserati is to remain the first and only Italian manufacturer to win on the legendary Indy motor speedway.

1940
The company moves headquarters to Modena.

1947
The first Granturismo is built: the A6 1500 with bodywork by Pininfarina. The A6GCS racing version debuts victoriously with Alberto Ascari on the Modena circuit.

1954
The 250F, the single-seater which will allow the Maserati to win the Formula 1 World Championships, makes its first appearance winning in Argentina.

1957
Fangio in the 250F wins the world title.
At the end of the season, Maserati officially withdraws from racing.

1961
The 3500 GT is the first Italian vehicle to use a fuel injection system.

1963
Production begins of the Mistral and the Quattroporte, the fastest saloon car in the world.

1966
The Ghibli is presented, a Coupé designed by Giugiaro.

1968
The Citrôen becomes a partner in the company and the V6 engine goes into production.
The 2+2 Indy is presented.

1971
The Bora is presented, the first Maserati Granturismo with a central engine.
This will be followed a year later by the Merak.

1973
The Khamsin, designed by Bertone, replaces the Ghibli.

1975
Citrôen leaves the company, which is then bought out by Alejandro De Tomaso.

1976
The new Quattroporte, designed by Giugiaro, is presented and will then be used as the official car of the President of the Italian Republic.

1981
De Tomaso changes marketing strategy and starts production of the Biturbo,
a two-door saloon with a six-cylinder engine.

1989
The Shamal is the first vehicle equipped with the new biturbo eight-cylinder engine.

1993
Fiat Auto buys out the entire Maserati share package and in 1998 presents the Quattroporte.

1997
Ferrari acquires the majority of Maserati shareholding.

1998
Quattroporte Evoluzione V8 3.2 - V6 2.8.
3200 GT V8.

1999
3200 GT V8 Automatica.

2000
Alfieri Maserati Garage Customisation Programme.

2001
Production begins of the Spider with eight-cylinder 4200 engine and the electro-hydraulic paddle-shifted gearbox "CAMBIO CORSA".
Alfieri Maserati garages.

2002
The 2+2 Coupe is presented.

2003
A return to racing with the TROFEO.
The new Quattroporte, designed by Pininfarina, is presented and will then be used as the official car of the President of the Italian Republic.

2004
The MC12 with 630 HP 12-cylinder engine is born

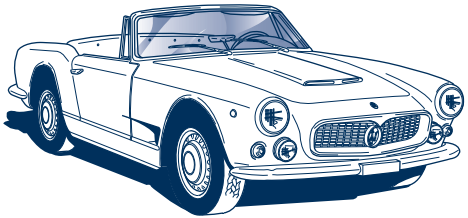
2005
Maserati wins the FIA GT championship with the MC12.

2006
The Quattroporte with automatic gearbox is presented.

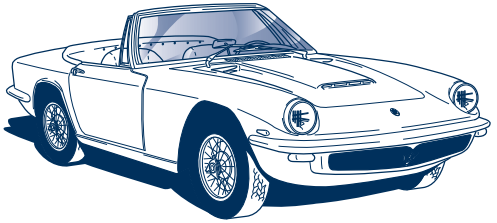
2007
The Granturismo, Coupè 2+2 world debut.

2009
A 2+2 spider vehicle comes into production with the GranCabrio.

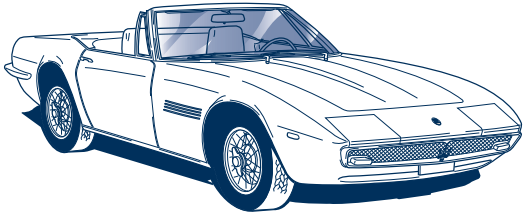
2010
The MC Stradale enters production.



3500 Vignale spyder



Mistral spyder



Ghibli spyder

Introduction

Consulting the Manual

To facilitate reading and fast consultation, the topics have been divided into sections and chapters. The important parts requiring particular attention are easily identifiable in the sections and chapters.

N.B.: EXTREME CAUTION REQUIRED: failure to comply with the instructions could cause hazardous situations involving personal and vehicle safety!

WARNING: warning aimed at preventing any damage to the vehicle and thus hazards involving the safety of persons.

Abbreviations

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

- **A.C.** - AIR CONDITIONING.
- **ABS** - ANTI-LOCK BRAKING SYSTEM – Wheel locking prevention system during braking.
- **ALC** - ADAPTIVE LIGHT CONTROL – Automatic headlight aiming system.
- **ASR** - ANTI-SLIP REGULATION – Prevention of slipping during acceleration.
- **CAN** - CONTROLLER AREA NETWORK.
- **EBD** - ELECTRONIC BRAKE-FORCE DISTRIBUTION – Electronically-controlled brake distributor.
- **ECU** - ELECTRONIC CONTROL UNIT.
- **EPB** - ELECTRIC PARKING BRAKE – Automatic parking brake.
- **ESC** - ELECTRONIC STABILITY CONTROL – Anti-jawing control system.
- **ETD** - EMERGENCY TENSIONING DEVICE – Seat belt pretensioner system.
- **FTP** - FLASH TO PASS – Headlight flashing.
- **HBA** - HYDRAULIC BRAKE ASSISTANCE – Assistance system during emergency braking.
- **TPMS** - TYRE PRESSURE MONITORING SYSTEM.

Updating

The vehicle high quality level is subject to constant improvements. Therefore, there may be differences between this manual and your vehicle.
All specifications and illustrations contained in this manual refer to those resulting as of the printing date.

Service

The information contained in this manual is limited to those instructions and indications that are strictly required for the use and proper maintenance of the vehicle.
The Owner will certainly obtain greater satisfaction and the best results from the vehicle by following these instructions carefully.
We also advise you to have all the maintenance services and inspections carried out by the **Maserati Service Network**, where you will find specialised staff using suitable equipment.
See the "SALES AND SERVICE ORGANIZATION" manual for locations of AUTHORISED MASERATI DEALERS AND SERVICE CENTRES.
The **Maserati Service Network** is at your complete disposal for any information and suggestions.

Automatic Gearbox

Electronically controlled, automatic gearbox which, in addition to the standard functions of an automatic gearbox, allows the user to manually engage gears in sequence, after selecting the specific mode.
For correct use of the gearbox system, carefully follow the instructions given in the specific chapter of this manual.

Multi Media System

The vehicle is equipped with the infotelematics Maserati Multi Media System which provides the following standard features:

- on-board computer;
- satellite navigation system (where digital maps are available);
- single CD/MP3 reader;
- Hard Disk capacity of 30 GB in total, of which around 10 GB are taken up by the operating software and by the other functionalities.

On request, the range of functions can further be enriched with the addition of the Bose® Sound System, Bluetooth function, AUX and USB sockets (however, these optionals may vary depending on the model and market availability).

Towing the vehicle

The vehicle has not been designed, developed and homologated to be used as a towing vehicle for other means (e.g. trailers, caravans, etc.) and nothing can be loaded on the roof; fitting structures such as bars or roof-racks may damage the vehicle.

Symbols

There are specific coloured plates on or near some of the components on your **MASERATI**. The related symbols are important warnings that the user must follow when using the component involved.
All of the symbols included in the labelling on your **MASERATI** are briefly listed here below, along with the component involved with that symbol.
In addition, the meaning of the symbol shown is also indicated in terms of the following sub-division: danger, prohibited, warning, mandatory - with respect to that same symbol.

Danger symbols

Battery
Corrosive liquid.

Battery
Explosion.

Fan
It can start up automatically even with the engine off.

Expansion tank
Do not remove the cap when the coolant is hot.

Coil
High voltage.

Belts and pulleys
Moving devices Keep body parts and clothing away.

Air-conditioning lines
Do not open. Gas under high pressure.

Symbols of prohibitions

Battery
Do not approach with open flames.

Battery
Keep children at a safe distance.

Heat guards - belts - pulleys - fans
Do not rest your hands on it.

Engine compartment ECU protection cover
Do not direct the jet of water on the ECUs, relays and fuses.

Warning symbols

Catalytic converter
Do not park the vehicle over flammable materials. Refer to chapter: “Pollution control devices”.

Hydraulic steering
Do not exceed the maximum level of fluid in the tank. Only use fluid of the type prescribed in the section “Capacities and technical specifications”.

Braking system
Do not exceed the maximum level of fluid in the tank. Only use fluid of the type prescribed in the section “Capacities and technical specifications”.

Windshield solvent/washer
Only use fluid of the type prescribed in the section “Capacities and technical specifications”.

Engine
Only use the lubricant recommended in the section “Capacities and technical specifications”.

Vehicle using lead-free gasoline
Only use lead-free gasoline with an octane number (R.O.N.) not lower than 95.

Expansion tank
Only use fluid of the type prescribed in the section “Capacities and technical specifications”.

Symbols indicating mandatory measures

Battery
Protect your eyes.

Battery - Jack
Refer to the Owner’s Manual.

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Vehicle identification data

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Identification plates and labels

Chassis marking

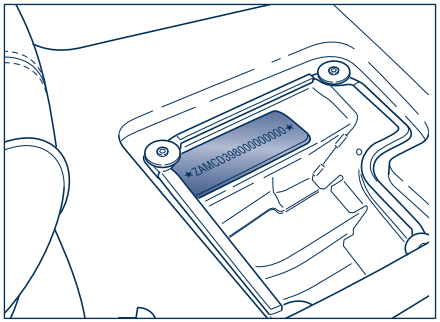
The vehicle registration number is punched on the underfloor, in front of the right-hand front seat.
To read the number, lift the mat and remove the guard.

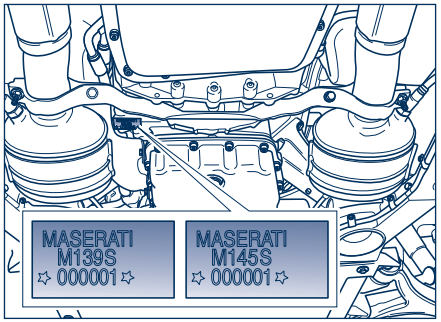
Engine marking

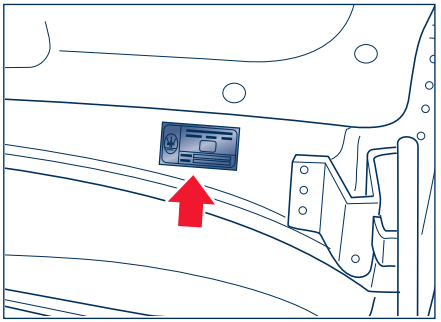
The engine serial number is punched in the lower part of the crankcase, in the starter motor area.
The engine type is also indicated on the plate positioned on the front, left-hand door ledge.

Paint identification plate

The plate is applied onto the engine compartment lid.



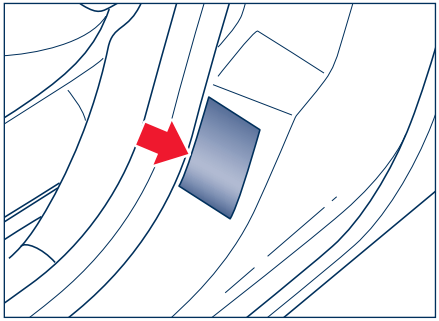


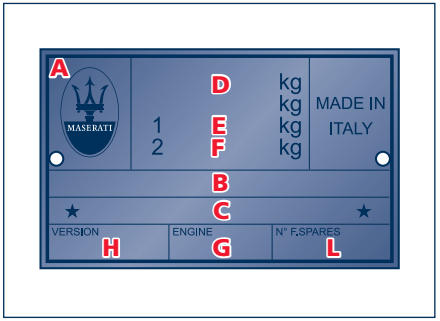


Vehicle identification plate

The plate is fitted on the front left-hand door ledge and it shows the following details:

A - Manufacturer's name
B - Homologation number
C - Serial Number (V.I.N.)
D - Maximum admissible weight
E - Maximum admissible weight on first (front) axle
F - Maximum admissible weight on second (rear) axle
G - Engine type
H - Vehicle version code
L - Assembly Number.





Key codes

A CODE CARD is supplied with the keys. This card indicates the following:

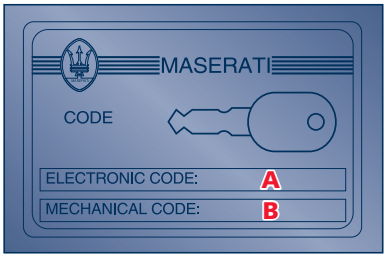
- the electronic code **A** to be used for "emergency ignition";
- the mechanical key code **B** to be provided to **the Maserati Service Network** in the case that you request duplicates of the keys.

WARNING: The code numbers shown on the CODE CARD should be kept in a safe place.

WARNING: You are advised to always keep the CODE CARD number with you, as it is absolutely necessary in the event of "emergency starting".

WARNING: In the event of a vehicle ownership transfer, it is essential that the new owner is provided with all the keys and with the CODE CARD.

WARNING: It is advisable to write down and keep the codes listed on the plates delivered with the keys and the remote control in a safe place (not in the vehicle) in order to request duplicates if needed.



Active and passive safety

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Seat belts

The vehicle is equipped with seat belts with automatic retractor for optimal freedom of movement.
The front seat belts are also equipped with electronically-controlled load limiting devices and pretensioners.

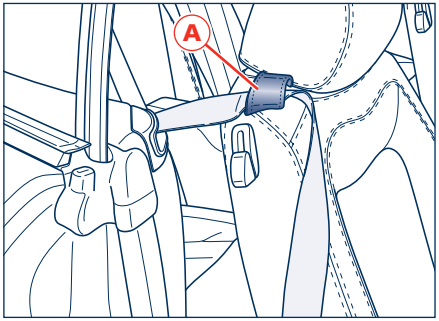
Before fastening the seat belts, make sure they are correctly fitted into the guide A on the seat.

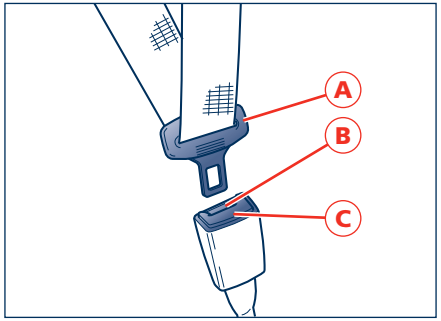
Fastening the seat belts

Take the lower part of the seat belt from the external side of the seat, grasp the connection tab **A** and buckle the seat belt; pull the seat belt out until the tab is fully inserted in the buckle **B**.
The belt is correctly engaged when the lock clicks into place. Press the button **C** to release the seat belts.
The vehicle is equipped with an SBR (Seat Belt Reminder) system, which warns the driver and the front passenger when their seat belts are not fastened by sounding an acoustic warning at the same time turning on the warning light on the instrument panel .

The retractor locking device is activated whenever the belt is pulled out too rapidly or in case of sudden braking or collision.
If the seat belt locks due to too rapid extraction, allow it to retract a short distance to disengage the locking device.
The retractor allows the belt to automatically fit to the passenger's body, allowing him/her to move freely.
When the vehicle is parked on a steep slope, the retractor may lock: this is normal

WARNING: Feed the belt back into the retractor by hand to avoid twisting and snagging.





Load limiting devices

To enhance passive safety, the front seat belt retractors are equipped with load limiting devices which control the seat belt reeling out so as to adjust the force exerted on the shoulders while the seat belt is in restraining mode.

Pretensioners

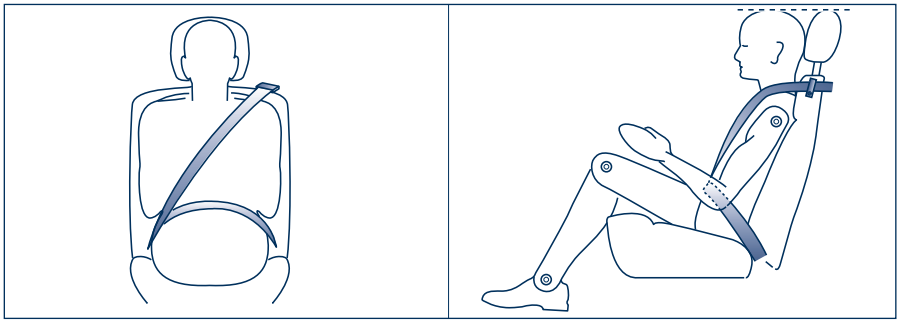
To further enhance the seat belt efficiency, the vehicle front seat belts are equipped with pretensioners. These devices “detect”, by means of a sensor, that a severe collision is occurring and retract the seat belts by a few centimetres. This way, they help ensure that the seat belt properly adheres to the occupant’s body before its restraining action starts.

The seat belt locking indicates that the device has activated; a small amount of smoke may be visible. The smoke is not toxic and is not indicative of fire.

The pretensioners are activated in the event of an impact of a certain severity.
The pretensioner only activates when the seat belt is fastened.
After a pretensioner activation, the seat belt can be unfastened as usual, by pressing the button on the buckle.
The pretensioner does not require any maintenance or lubrication.

Any change to its original condition invalidates its efficiency. If, as a result of exceptional natural circumstances (floods, heavy seas, etc.), the device has been in contact with water and sludge, it is absolutely essential to replace it.
To help ensure optimal protection from the pretensioners, wear the seat belt in such a way that it fits snugly against your chest and pelvis.

The pretensioners can be deployed only once and activate only when the seat belts are fastened. After activation, contact the Maserati Service Network to have the pretensioners replaced and for properly discarding the old components. The units have a 14 year service life from the date of manufacture; they must be replaced when their service life is near to expiry.



WARNING: Work on the vehicle which involves blows, vibrations or localized heating (over 100°C for 6 hours max.) in the area of the pretensioners may damage or activate them: vibrations due to uneven road surfaces or small obstacles, such as impacts with kerbs, do not affect the units. Contact the **Maserati Service Network** for any intervention that might be required.

Do not tamper with the pretensioner components. Any intervention must be carried out only by qualified and authorized personnel. Always contact the Maserati Service Network.

Using the rear seat belts

The seat belts for the rear seats must be worn as shown in the illustration.

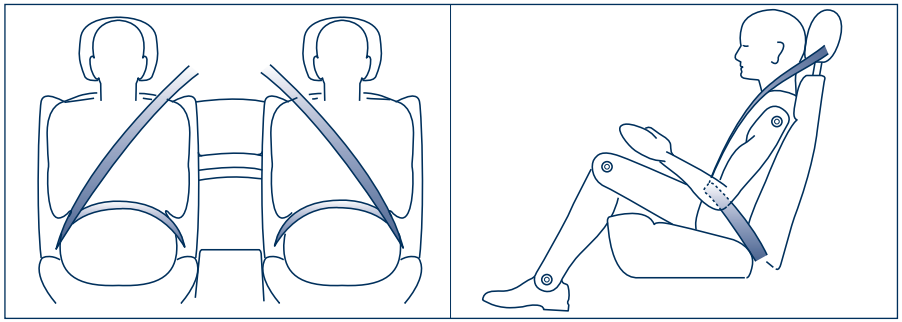
Remember that, in the event of a violent impact, the passengers on the rear seats that are not wearing their seat belts are not only subject to personal injuries but they also represent a danger for passengers sitting in the front seats.

The seat belts must be worn keeping your chest in the upright position and lying against the backrest.

General warnings regarding the use of the seat belts

It is compulsory for the driver and passengers to properly use the restraint systems fitted in the vehicle.

To ensure optimal protection, you are advised to keep the seatback in the most upright position and the seat belt must fully adhere to your chest and pelvis. If the seat belt is loose, in the event of an accident you would move too far forward and could be injured. Travelling with the seatback too far reclined could be dangerous: even if the seat belts are fastened, they may not work correctly.



In fact, the seat belt 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. In addition, in an accident, the lower section of the seat belt could press against the upper part of your stomach rather than the pelvic area, causing serious internal injuries.

Always fasten the seat belts. Travelling without the seat belts fastened 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 reduce the possibility of being thrown against the parts of the passenger compartment or out of the vehicle.
The airbags have been designed to work in combination with the seat belts, and not to substitute them.
The front airbags only activate in the event of head-on collisions of sufficient intensity. They will not activate if the vehicle rolls over, or in the event of rear or low- intensity frontal collisions.

Passengers seated in the rear must always wear their seat belts while travelling. Travelling without the seat belt fastened increases the risk of injury in the event of a collision.

Do not fasten your seat belt using the buckle for the other seat: in the event of an accident, the lower section of the belt could press against the upper part of your stomach rather than the pelvic area and cause you serious internal injuries.

It is extremely dangerous to travel with the seat belt positioned underneath your arm. In the event of an accident you would be thrown forward and would very probably suffer head and neck injuries. What is more, if the seat belt presses against your ribs, it could cause serious internal injuries.

The seat belt itself must not be twisted; make sure that it is snugly fitted to the driver's and passenger's bodies. In the event of an accident, the restraining force would not be distributed evenly across the seat belt and would consequently cause injuries. The upper part of the seat belt must pass over the shoulder and diagonally across the chest. The lower section must adhere to your pelvis, not the stomach, to avoid that you slide forward in the event of a collision.

Do not use devices (e.g. clamps, fasteners etc.) to hold the seat belts away from the passengers' bodies.

Never carry children on a passenger's lap using one seat belt only to protect both of them.

If the seat belt underwent strong mechanical stress, for example during a collision, it must be fully replaced together with its anchorages, the anchoring screws and the pretensioner. Even if there are no visible defects, the seat belt may have lost some of its resistance.

Pregnant women must carefully observe applicable local legislation regarding the use of the seat belts. Always make sure that the lower section of the belt is secured well down on the hips, below the abdominal region of your body.

How to keep seat belts efficient

1) Always use the seat belts with the belt completely flat, not twisted; Make sure that the belt can move freely without jamming.

2) The seat belts must be replaced following every pretensioner activation and whenever the belt itself shows visible damages or abrasions.

3) Wash the seat belts by hand using water and neutral soap, rinse them and let them dry in the shade. Do not use strong detergents, bleaches or colorants and any other chemical substance that may weaken the fibres.

4) Make sure the seat belt retractors do not get wet: they will operate properly only if they do not undergo water infiltration.

Safe transport of children

To help ensure optimal protection in the event of a collision, all the occupants in the vehicle must travel seated and protected by appropriate restraining systems. The seat belts have been designed to be used by persons whose physical characteristics (i.e. age, height, weight) fall within the limits provided for by established legislation in each country (for the European Community: 150 cm/ 59 in. in height and 3-years of age minimum). Anyone who does not comply with these provisions may not travel in the 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 protect them in the case of a collision, they must use special restraint or safety systems.

Where provided for by law (in the European Community), children under 3 years of age cannot travel in the vehicle unless using a suitable restraint system.

Where provided for by law (in the European Community), children under 3 years of age who are less than 150 cm (59 in) tall may not travel on the front seat unless using a suitable restraint system.

Children must always use a suitable restraint system when travelling, preferably fitted on the rear seat as this is the safest position in the event of a collision. In addition, the Isofix anchorage system can be used on the rear seats (see page 28).

Children must never travel seated on a passenger's lap. In a collision, a child becomes so heavy that it is impossible to hold onto him or her. For example, in the event of a collision at only 40 km/h (25 mph), a child weighing 5,5 kg (12 lb) exerts a force equal to 110 kg (240 lb) on the arms of the person carrying him/her. Children must always be protected by a suitable restraining system when travelling.

Children who are resting on the airbag or are too close to it when it is activated, may be seriously injured. The airbags and pretensioners offer suitable protection for adults and teenagers, but not for children and babies. Neither the seat belts or the airbags are designed for them. Children and babies must travel in suitable restraining systems.

Babies must be supported completely, including their head and neck. This is necessary since a baby's neck is weak while their head is proportionally bigger and heavier in relation to their body. In a collision, if a baby is travelling in a rearward-facing child seat, the impact forces are distributed through the more solid parts of the body, i.e. the back and shoulders. Babies must always be protected by a suitable restraining system when travelling.

Children cannot be carried using a rearward-facing child seat fitted on a passenger seat protected by a front airbag, unless the said airbag is deactivated.

Deactivate the airbag before fitting a rearward-facing child seat on the front passenger seat.

The structure of a child body is completely different from that of an adult or a teenager (whom the seat belts are designed for). A child's hips are so small that seat belt will not stay in the correct position on them. The belt may rise up on the child's stomach and, in the event of a collision, cause serious internal injuries. Children must always be protected by suitable restraining systems.

If a child seat is installed on the front passenger's seat, this must be positioned as high as possible and the seatback must be fully upright. All this is essential to help ensure maximum safety for children.

All minors whose physical characteristics (i.e. age, height, weight) fall within the limit values provided for by the established legislation in each country must be protected by suitable and approved restraint or safety systems (e.g. certified child seats, cradles, cushions). Make sure to use certified universal child restraining systems.
Follow the instructions that the Manufacturer of the devices is required to supply when installing and using a child restraint systems.
A maximum of three child seats may be positioned in the vehicle: one on the front passenger seat (universal type only) and two on the rear passenger seat (Isofix type only).

Passenger seats compliance for universal child seat anchorage

The vehicle complies with the new European Directive 200/3/CE that governs the installation of child seats on the different vehicle seats, according to the following table:

Section	Weight groups	Front passenger	Rear side passenger
Groups 0, 0+	up to 13 kg	**U (▼)**	**U**
Group 1	9-18 kg	**U (▼)**	**U**
Group 2	15-25 kg	**U (▼)**	**U**
Group 3	22-36 kg	**U (▼)**	**U**

Keys

U Suitable for "Universal" restraint systems as provided for by the European Regulation EEC-R44 pertaining to the indicated "Groups".

(▼) For installation in the vehicle, the seat must be positioned fully up and back.

To ensure an optimal restraining action of the child seats, we recommend that you choose the model that best suits the shape of your seats and preferably Isofix-type child seats (see page 28). It is advisable to try to fit the child seat in your vehicle before purchasing it.

To fasten a child seat, follow the installation instructions provided by the child seat manufacturer.

Never unbuckle the seat belt that retains the child seat when the vehicle is moving.

In the event of an accident, an incorrectly fastened child restraining system increases the risk of injury.

Never modify or tamper with the seat belts and the child restraining systems.

Rearward-facing child seats must not be used on front passenger seats equipped with active passenger's airbag, as this could cause serious injuries during deployment, independently of the impact severity. Rearward-facing child seats may be used on the front passenger seat only in European vehicle models, that are equipped with passenger's airbag deactivation switch. In this case, the driver must make sure that the airbag is deactivated by checking the warning light on the instrument panel.

The European Community regulations that govern the transport of children are found in directive 2003/20/EC.

This directive divides restraint systems into five groups:

Group 0	0-10 kg (0-22 lb)	weight;
Group 0 +	up to 13 kg (up to 27 lb)	weight;
Group 1	9-18 kg (20-40 lb)	weight;
Group 2	15-25 kg (33-55 lb)	weight;
Group 3	22-36 kg (49-79 lb)	weight.

As can be seen, the groups partially overlap and commercially available systems may cover more than one weight group.
All the restraining systems must bear the approval data, together with the check mark on a plate - which must never be removed - fixed soundly to the system itself.

For the purposes of restraint systems, children weighing more than 36 kg (79 lb) and taller than 1,50 m (59 in) are considered equivalent to adults and wear the seat belts in the normal way.

The figures are purely illustrative. Secure the child seat according to the instructions provided with the product.

Groups 0 and 0+

Babies weighing up to 13 kg (27 lb) must be transported in a rearward-facing booster baby seat, which provides head support and thereby avoids neck strain in the case of sudden decelerations. The baby seat is secured by the vehicle seat belts as shown in the figure, and must restrain the child with its own incorporated belts.

Deactivate the airbag before fitting a rearward-facing child seat on the front passenger seat. In addition, the front passenger seat must be positioned fully back and the backrest must be in the fully upright position.

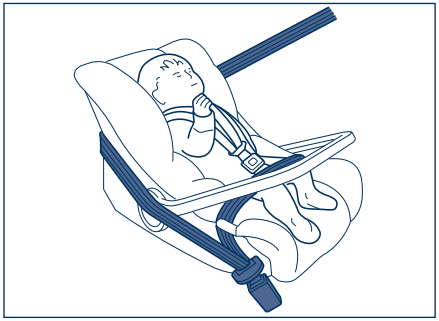
Group 1

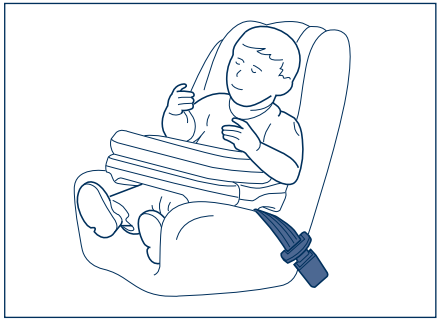
Children weighing 9 kg (20 lb) and more may travel in a forward-facing child seat.

Child seats equipped with Isofix latches may be securely anchored on the seat without using the vehicle seat belts.

Group 2

Children weighing 15 kg (33 lb) and more may travel secured by the vehicle seat belts. Child seats have the purpose of positioning the child correctly with respect to the seat belts, in such a way that the diagonal portion of the seat belt closely adheres to the child's chest and never to the neck, and the lap portion adheres to the pelvis and not to the abdominal region.





Group 3

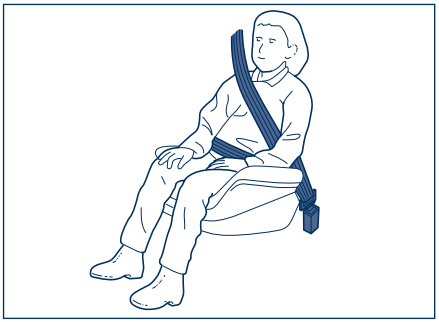
Children weighing 22 kg (49 lb) and more only need a cushion to raise their position.

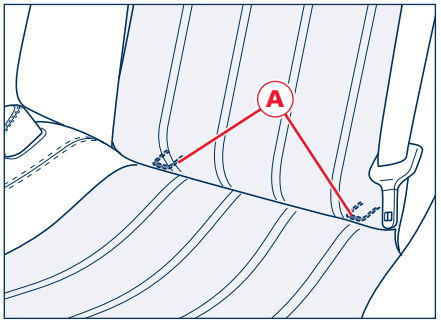
Isofix seats

The rear seats of the vehicle are equipped with anchoring points for Isofix child seats. This is a new system complying with European standards for carrying children.
This system allows the child seats to be anchored by means of two metal brackets **A** positioned between the seat cushion and backrest.
No more than two Isofix type child seats can be installed on the rear seats.

Only standard type child seats can be mounted on the front passenger seat.

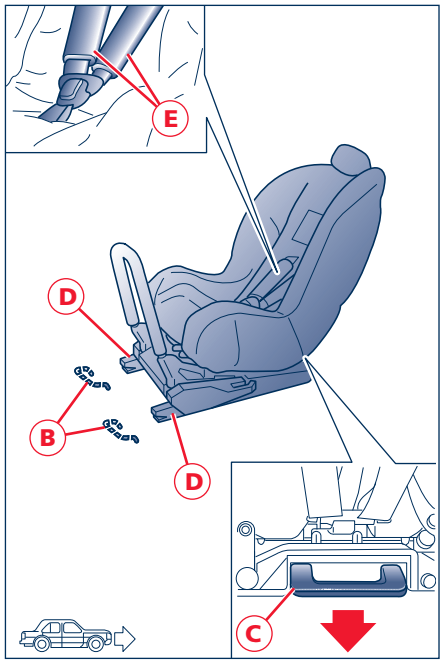
Fit the child seat only when the vehicle is stationary.
The child seat is correctly anchored to the brackets when a click indicates it is locked in place.
Follow the installation, removal and positioning instructions provided by the child seat manufacturer.





Fitting child vehicle seats for groups 0 and 0+

To carry children whose weight falls in the 0 and 0+ groups, the child seat must be fitted facing backwards. Carefully check that the brackets **B** are properly installed in their seatings **D**. The child is then secured by the child seat harness **E**.

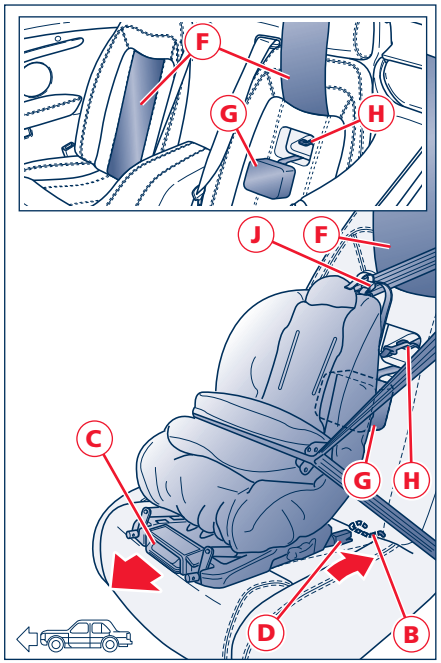


Fitting universal child seats type 1

For proper installation of a forward-facing universal Isofix child seat, proceed as follows:

- make sure that the release lever **C** is in its resting position (retracted);
- lift the guard **F** from the seat backrest;
- remove the closing cushion **G**, to access the upper anchoring bracket **H**;
- align the anchoring points **D** with the brackets **B**, then push the child seat until you hear the locking clicks, which indicate it is secured in place;
- check that the child seat is correctly locked by trying to move it with strength; the incorporated safety mechanisms prevent the child seat from being improperly fitted if only one of the attachment fittings is locked;
- use the tether **J** to secure the child seat backrest to the upper bracket **H**, positioned in the centre of the seat backrest.

This way, the child seat is restrained not only by the brackets **B** but also by the vehicle vehicle seat belt and by the upper tether **J**.
Always refer to the instruction manual provided with the child seat for fitting the vehicle seat belts to the said child seat correctly.



Earth unit	Size class	Envelope	Isofix position		
			Front passenger seat	*Left-hand rear side*	*Right-hand rear side*
Carry cot	F	ISO / L1		X	X
	G	ISO / L2		X	X
		(1)			
Group 0 + up to 10 kg (0+ up to 22 lb) weight	E	ISO / R1		IL	IL
		(1)			
Group 0+ up to 13 kg (0+ up to 27 lb)	E	ISO / R1		IL	IL
	D	ISO / R2		IL	IL
	C	ISO / R3		IL*	IL*
		(1)			
Group I from 9 to 18 kg (20 to 40 lb)	D	ISO / R2		IL	IL
	C	ISO / R3		IL*	IL*
	B	ISO / F2		IUF	IUF
	B1	ISO / F2X		IUF	IUF
	A	ISO / F3		IUF	IUF
		(1)			
Group II from 15 to 25 kg (33 to 55 lb)		(1)			
Group III from 22 to 36 kg (49 to 79 lb)		(1)			

Notes:

(1) If the CRS (Child Restraint System) does not bear the ISO/XX class identification (from A to G) for the applicable weight group, the vehicle manufacturer must indicate the specific ISOFIX child restraint system recommended for each position.

IUF Suitable for forward-facing ISOFIX child restraint systems of the universal class, approved for use in the relative weight group.

IL Suitable for CRS ISOFIX child restraint systems in the categories “specific vehicle”, “limited use” or “semi-universal”.

X ISOFIX position not suitable for ISOFIX child restraint systems in this weight group and/or in this size class.

* The child seat can be fitted by moving the front seat forward.

Below is a summary of the safety regulations to be followed for transporting children:

Children whose age, weight and age are below the minimum limits established by the laws in force in the individual countries (European Community: 3 years, 36 kg/79 lb and 150 cm/59 in) may only travel if secured using suitable restraint systems.

We recommend that you always install Isofix type child seats on the rear seat, as this is the safest position in the event of a collision.

If the vehicle is equipped with active passenger airbags, children may not travel on the front seat in a rearward-facing child seat.

If you deactivate the passenger-side airbag, always check the relative warning light  on the instrument panel to verify it has been actually deactivated.

Always and strictly follow the instructions that the manufacturer is obliged by law to enclose with the child seat.

Keep the instructions in the vehicle together with the documents and this owner's manual. Do not use a seat which is not provided with instructions for use.

To ensure an optimal restraining action of the child seats, we recommend that you choose the model that best suits the shape of your seats and preferably Isofix-type child seats (see page 28). It is advisable to try to fit the child seat in your vehicle before purchasing it.

Always pull the seat belt to check that it is locked in place.

All restraint systems must be used by a single passenger only: never carry two children in the same seat.

Always check that the seat belts are not resting against the child's neck.

Do not allow the child to sit in improper positions or to unbuckle the seat belt /child seat safety harness while travelling.

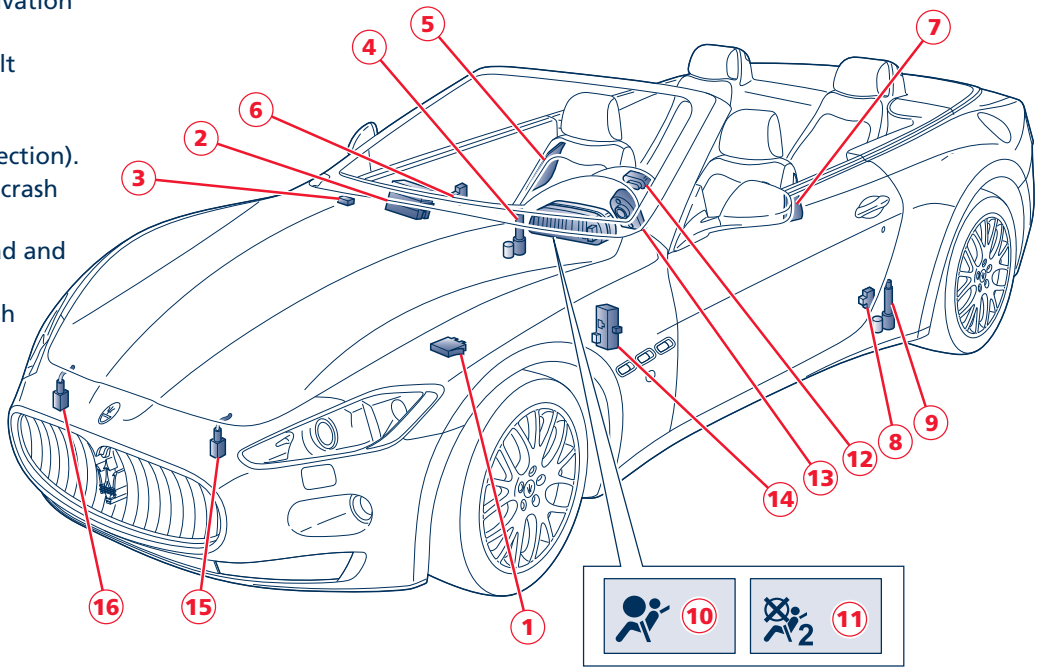
Do not carry children in your arms, including babies. Nobody, however strong, can hold on to a child in the event of a collision.

After an accident, always replace the child seat with a new one.

Front and side airbags

The vehicle is equipped with 4 airbags (2 front and 2 lateral ones) and electronically-operated pretensioners on the front seat belts.
The system components are the following:

1) Electronic control unit.
2) Passenger's front airbag.
3) Passenger's airbag deactivation switch.
4) Passenger's front seat belt pretensioner.
5) Passenger's side bag (for head and chest protection).
6) Passenger's side satellite crash sensor.
7) Driver's side bag (for head and chest protection).
8) Driver's side satellite crash sensor.
9) Driver's front seat belt pretensioner.
10) Airbag system failure warning light.
11) Passenger's airbag OFF warning light.
12) Driver's front airbag.
13) Clock Spring.
14) Diagnostics socket.
15) Front left-hand Crash Zone Sensor.
16) Front right-hand Crash Zone Sensor.



Front airbags

The front airbags (driver's and passenger's) are safety devices which activate in the event of a head-on collision.
It consists of an airbag that deploys almost instantaneously and is contained in a special housing:

- in the centre of the steering wheel on the driver side;
- in the dashboard with a larger cushion for the passenger.

The front airbags (driver's and passenger's) are safety devices designed to protect the occupants in the event of head-on collisions of medium-high severity. They act by placing a cushion (airbag) between the occupant and the steering wheel or the dashboard.
In the event of a collision, an ECU processes the deceleration signals and activates, when necessary, airbag deployment.
The airbag deploys almost instantaneously, placing itself between the front passengers and potentially harmful parts of the vehicle. The airbags deflate immediately afterwards.

In the event of a collision, any occupants not wearing their seat belt will be thrown forward and will come into contact with the airbag before it is fully inflated. This reduces the protection level provided by the airbag. The front airbags (driver's and passenger's) are not a substitute for the seat belts but rather act in combination with them. As a consequence, the seat belts must always be worn as provided for by applicable legislation in Europe and in most non-European countries.

Remember that, in the event of a violent impact, the passengers on the rear seats that are not wearing the seat belts are not only subject to personal injuries but they also represent a danger for passengers sitting in the front seats.

Never remove the steering wheel. If necessary, this operation should only be performed by a Maserati Service Network centre.

In the case of low-severity head on collisions (in which the retaining action of the seat belts provides adequate protection), the airbags will not be activated.
The airbags do not activate in the event of rear and side collisions, as it does not provide any supplementary protection.
Therefore, in these cases, failure of the airbag to deploy is not an indication of a system malfunction.

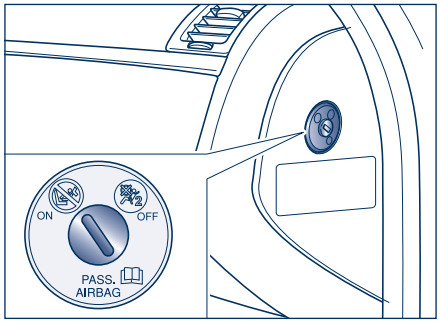
Passenger's airbag

The passenger's airbag has been designed and calibrated to enhance the protection level provided to a person wearing the seat belt.
It therefore deploys to such an extent as to fill most of the space between the occupant and the dashboard.

SERIOUS DANGER: the vehicle is fitted with front passenger's airbag. Before fitting any child seat on the front passenger seat, always deactivate the front passenger's airbag. Even where not required by law, we recommend for the safety of adult passengers, that the airbag be immediately reactivated as soon as the seat is no longer used for carrying children.

Passenger's airbag manual deactivation switch

If you have to carry a child on the front passenger seat, always deactivate the airbag on the passenger's side before installing a rearward-facing child seat. The device may be deactivated by operating (with the ignition key) the relative key switch located on the right-hand side of the dashboard. The switch is accessible only when the door is open. Vehicles manufactured for the US, Canadian, Japanese and Australian markets are not equipped with this device.



The key switch has two positions:

1) passenger's airbag active: (position ON), the warning light on the instrument panel is off; carrying children on the front passenger seat on rearward facing child seats is strictly prohibited;
2) passenger's airbag deactivated: (position OFF) the warning light on the instrument panel is on; children may travel in the front passenger seat if they are suitably protected by specific rearward-facing restraint systems.

The warning light remains permanently illuminated until the passenger's airbag is reactivated.

WARNING: Should the warning light (passenger's airbag off) malfunction, its failure will be shown on the display.

WARNING: Deactivation of the front passenger airbag does not deactivate the side airbags and the seat belt.

When the door is open, the key can be inserted or removed in both positions.

We recommend that you always fit any child seats on the rear seat, as this is the safest position in the event of a collision.

When the passenger's airbag is deactivated, because you are carrying a person considered by applicable legislation to be at risk and who must therefore be protected by an additional restraining system, the passenger will not have the additional protection of the airbag in the event of a collision.

Only deactivate the airbag when you are carrying a person considered at risk by applicable legislation, and always reactivate it at the end of the journey.

Side airbags

The side airbags have been designed to help enhance the protection level provided to passengers travelling in the front seats in the event of certain medium-high severity collisions.
They consist of an instantaneously inflating airbag (side bag) housed in the front seat backrests.
In the event of a side impact, an electronic control unit processes the signals coming from a deceleration sensor and activates airbag deployment when necessary.
The airbag deploys almost instantaneously, placing itself between the front passengers the side of the vehicle. The airbag deflates immediately afterwards.

WARNING: The electronic control unit activates the pretensioners, the front airbags and side bags on the basis of different criteria, according to the type of collision.

Failure of one or more systems to activate therefore, is not indicative of a system malfunction.

In the case of low-severity side collisions (for which the restraining action of the seat belts provides adequate protection), the airbags do not deploy.
The side airbags are not a substitute of the seat belts but rather act in combination with them. As a consequence, the seat belts must always be worn as provided for by applicable legislation in Europe and in most non-European countries.

WARNING: The front and/or side airbags may deploy if the vehicle suffers a violent impact beneath the vehicle body, for example in the event of strong impacts against kerbs, steps or speed bumps, potholes or roads with subsidence.

WARNING: The airbags release a small amount of powder during deployment. This powder is not harmful and does not indicate the presence of a fire; in addition, the surface of the deployed airbag and the interior of the vehicle may be covered with a powdery residue: this powder may irritate your skin and eyes. In case of contact, wash the affected parts with running water and neutral soap.

If the warning light comes on while driving (fault signal), stop the vehicle and contact the Maserati Service Network to have the system checked.

WARNING: The airbag system has a service life of 14 years. When this expiry date is approaching, contact the **Maserati Service Network**.

In the event of a collision with consequent airbag deployment, contact the Maserati Service Network for replacement of the entire safety system, electronic control unit, seat belts, pretensioners, and to have the vehicle electrical system checked.

Any and all inspections, repairs and replacements regarding the airbag must be performed by the Maserati Service Network.

WARNING: To scrap the vehicle, please contact the **Maserati Service Network** in order to have the airbag system deactivated.

WARNING: If the vehicle is sold, the new owners must be informed of the above described instructions for use and warnings, and they must also be provided with the "Owner's Manual".

General warnings

When the ignition key is turned to the MAR position, the warning light illuminates, but it must turn off after approx. 5 seconds. If this warning light does not illuminate, if it remains permanently on or if it illuminates while driving, contact the Maserati Service Network immediately.

Turning the ignition key to MAR, the warning light (when the front airbag deactivation switch is in the ON position) will illuminate and flash for some seconds, to remind the driver that the passenger's and side airbags will activate in the event of a collision. After this the warning light must turn off.

Always drive keeping your hands on the steering wheel rim so that, in the case of activation, the airbag can deploy without encountering obstacles which may cause serious injuries. Do not drive with your body bent forwards but keep the seatback in the upright position and fully resting your back against it.

Do not apply stickers or other objects to the steering wheel or the passenger's airbag compartment.

Do not travel with objects in your lap, in front of your chest or especially with a pipe, pencil or other object held in your mouth; In the event of a collision with airbag deployment these objects may cause serious injuries.

Do not cover the front seat backs with clothes or covers.

Note that with the ignition key inserted and turned to MAR, even with the engine off, the airbags may activate even if the vehicle is stationary, if it is run into by another vehicle. Therefore, even with the vehicle stationary, children must be secured by the specific child restraint systems installed on the passenger seat, and the passenger airbag must be deactivated. In addition, the airbags will not activate in the event of a collision with the vehicle stationary and the key removed from the ignition block; failure of the airbags to deploy in these circumstances is not indicative of a system malfunction.

If the vehicle was stolen or its theft attempted, if it was vandalized or involved in flooding, contact the Maserati Service Network to have the airbag system checked.

If incorrect operations are performed on the electrical system, the airbag may activate and cause injuries to anyone in the vicinity.

The airbags are not a substitute of the seat belts but provide supplementary protection. Moreover, in the event of head-on collisions at low speed, side impacts, rear collisions or rollovers, the passengers are protected only by the seat belts, which therefore must always be fastened.

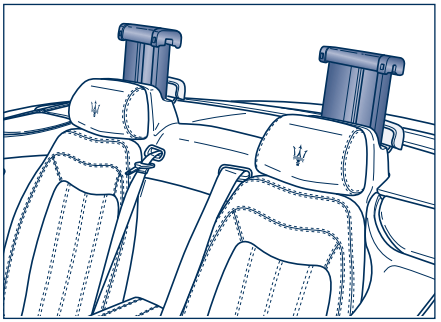
Do not wash the seats with water or pressurised steam (by hand or in the automatic seat wash stations).

Do not hang rigid objects on the cloth hooks and on the handholds.

Do not fit sunshades of any kind on the windows or door panels.

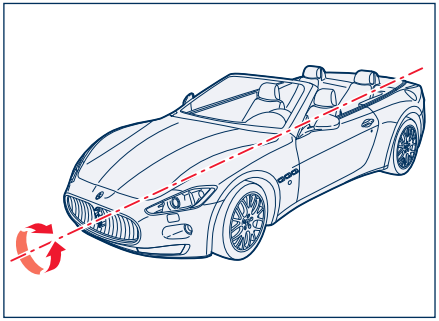
Active roll bars

The active roll bars that equip the vehicle have been designed for protecting passengers in the event of a vehicle rollover.
They are fitted behind the rear seat headrests, usually in a hidden position, and are activated by a specific ECU which, only in the case of high-severity rollover, ejects them in a few tenths of a second. A cross member then locks them in this position.
The roll bars have been designed in such a way that they can be fully deployed also with the soft top closed. This is ensured by a device which breaks the rear window when it comes in contact with it.
In combination with the windscreen outer frame, they help creating an anti-intrusion safety cell.



The active roll bars do not prevent the risk of the occupants being thrown out of the vehicle or hitting against its internal structures. Only the seat belts are designed for these purposes and must always be properly fastened when travelling.

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



Passengers travelling in the rear seats must never travel with their head resting on the roll bars or sitting on them. If the roll bars are ejected, passengers travelling in these positions would be exposed to the risk of severe injuries.

We recommend that you do not place stickers or other objects on top or in the vicinity of the roll bars, as these could delay or inhibit roll bar ejection. In addition, these objects could be propelled inside the passenger compartment at very high speeds, which may jeopardise the occupants' personal safety.

After activation, the roll bar must be always replaced. Contact the Maserati Service Network to have the system properly repaired.

WARNING: This is a device with pyrotechnic activation: it cannot be therefore repaired but only replaced.

The "Active roll bar" system has a 14-year service life. Contact the Maserati Service Network when the expiry date is approaching.

As a consequence of incorrect operations on the electric system, the active roll bars may activate causing injuries to persons in the vicinity.

WARNING: If the vehicle was stolen or its theft attempted, if it was vandalised or involved in flooding, contact the **Maserati Service Network** to have the Active Roll Bar system checked.

Never remove or tamper with the system components. Any and all operations must be performed only by qualified and authorised personnel. Always contact the Maserati Service Network.

Australia Version - Safety

Seat belts

The driver must respect and have the passengers observe the provisions of local legislation regarding the compulsory use of seat belts. In Australia, it is mandatory for all vehicle occupants to wear the seat belts, and to use child restraint systems.
If used correctly, the seat belts, have been designed to protect the wearer from a variety of impacts.

Maserati recommends you use the seat belts correctly fastened and adjusted at all times!
Correct use of the seat belts can reduce the risk of serious injury in the event of an accident.
If the driver permits the passenger not to wear the seat belts, he shares the risk posed by failed use and is equally guilty of violation.

It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious.

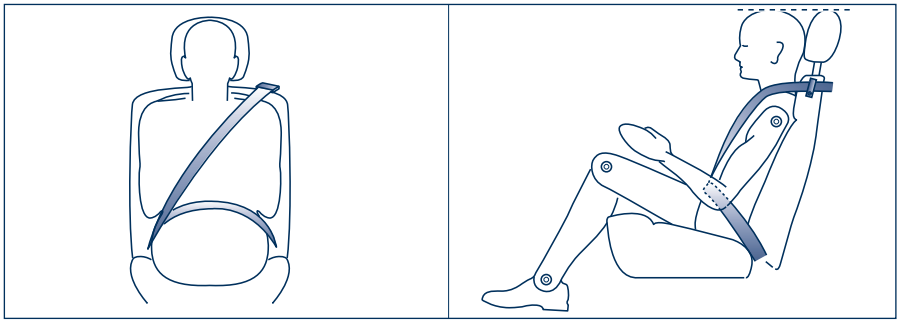
The vehicle is equipped with seat belts with automatic retractor for optimal freedom of movement.
The front seat belts are also equipped with electronically-controlled load limiting devices and pretensioners.

WARNING: For an effective restraining action, the seat belt must be fastened correctly with the seat backrest in the upright position.

WARNING: The seat belt is fastened correctly when the upper portion of the belt crosses the centre of the shoulder (not the neck) and the lap portion is resting on the hips (not the stomach).

Seatbelts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Do not let the seat belts come into contact with cutting edges. They may get damaged and may consequently break in the event of a collision.



Do not attach or pin anything onto the seat belts. They may get damaged and consequently break in the event of a collision.

If a seat belt has come into contact with cutting edges or was somehow perforated, we recommend you have it immediately replaced by the Maserati Service Network.

Fastening the seat belts

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

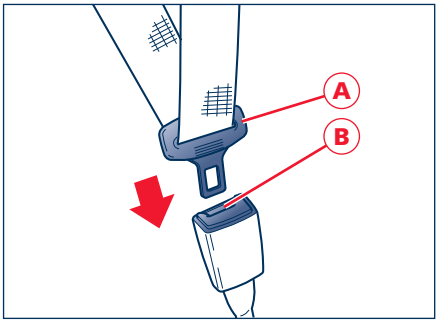
Adjust the seat and headrest properly.

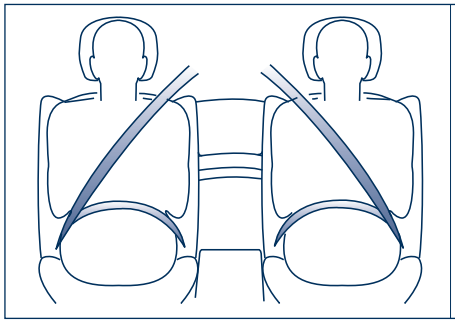
- Grip the buckle **A**, slowly pull the belt and insert the tang into its receptacle **B**. Should the belt lock while pulling it, let it rewind slightly and then pull it again without sharp movements.
- Make sure that it has clicked into place.
- Position the seat belt correctly. Do not use any objects (e.g., spring clips, locks, etc.) that hold the seat belt away from your body.

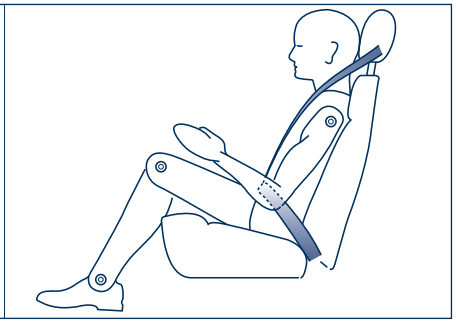
Belts should not be worn with straps twisted.

Do not allow children to be held on a passenger's lap using only one seat belt for both of them.

Each belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.







If the driver's seat belt is not fastened, when you turn the ignition key to position **II**, the warning light **C** comes on.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

Unfastening the seat belts

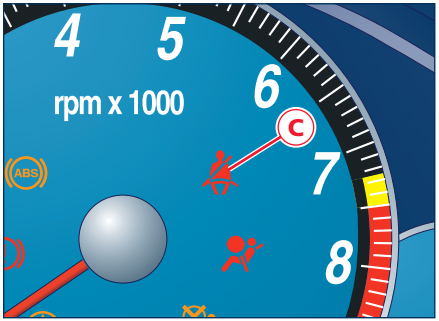
- Press the release button **D**.
- Guide the seat belt buckle **A** back to its rest position.

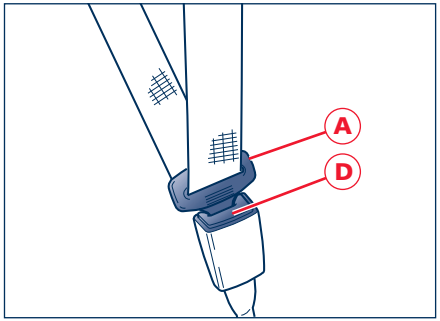
No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

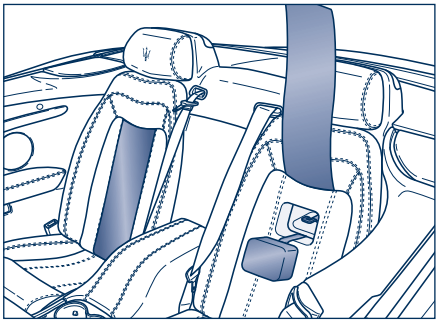
Child restraints

Child restraint anchor fittings

Your vehicle has been designed to accommodate child restraints on the rearmost seats. When using a child restraint, read the Installation Instructions supplied with the child restraint and follow the directions for fitment carefully.
The childseat is secured in the vehicle using the adult seat belt assembly and the tether strap (provided with the child seat) is secured to the child restraint anchor fitting.



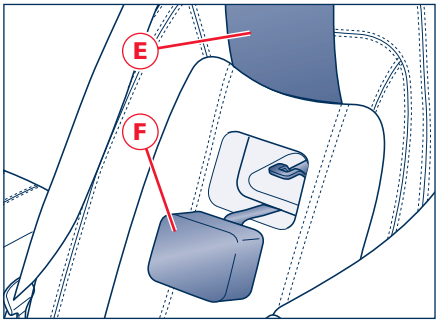


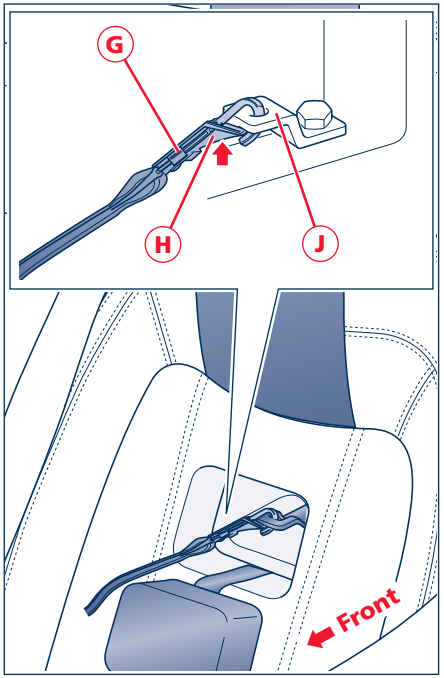


Installation of the attaching clip

The vehicle is equipped for installation of child seats with upper anchoring system.
The upper anchoring point is found behind the rear seats backrest and may be accessed by lifting the guard **E** and removing the padding **F**.
Positive engagement of the child restraint attaching clip **G** is achieved by depressing the retainer spring **H** and then passing through the opening of the anchor fitting **J** as shown in the illustration.

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.



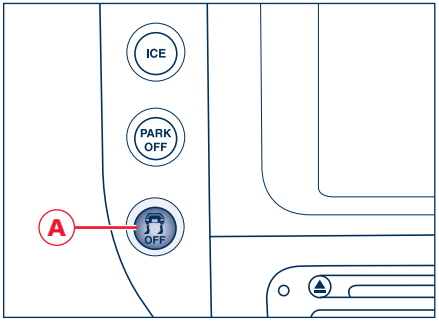


Air bag label

Extreme Hazard!
Do not use a rearward facing child restraint on a seat protected by an air bag in front of it!

ESC system

The vehicle is equipped with **ESC** (Electronic Stability Control) anti-yawing system, which incorporates all of the vehicle control systems: ABS, EBD, ASR and MSR.
The system is fitted with a unit that predicts the vehicle behaviour with extreme accuracy. The system can detect when the driver is about to lose control of the vehicle. In this case, it can activate the brake calipers individually and engine control, in order to create a torque sufficient to resist the vehicle's yawing moment.



Activation

The **ESC** system is designed to automatically activate every time the engine is started and can be deactivated by pressing button **A** for about 2 seconds; the warning light OFF illuminates on the instrument panel as well as on the display, where it is accompanied by a specific message.
Press button **A** again to reactivate the system.
The amber warning light on the instrument panel flashes during all the operating phases.

Fault signals

In the event of a fault, the system is automatically disabled and cannot be re-activated. While driving, this condition is signalled by the amber warning light, that illuminates both on the instrument panel as well as on the multi-function display, where it is accompanied by the message "ESC unavailable go to dealer".
When the engine is started, the system malfunction is indicated by the illumination of the warning light.

WARNING: In the event of a fault, and with the **ESC** system disabled, the vehicle behaves as if it were not equipped with this system: however, we recommend you contact the **Maserati Service Network** as soon as possible to have the system checked.

WARNING: If you have to tow the vehicle with 2 wheels raised, make sure the ignition key is in the **STOP** position. Otherwise, with the **ESC** system active, the control unit will store a malfunction with consequent illumination of the warning lights on the instrument panel and on the display. Should this occur, contact the **Maserati Service Network** to have the system repaired.

WARNING: In low- and medium-grip conditions (e.g., rain, snow, ice, sand, etc.) it is advisable not to activate **SPORT** mode, even with the **ESC** system active.

WARNING: Driving on parabolic curves will deactivate the system.

ASR system

The **ASR** system avoids skidding of the driving wheels during acceleration by means of the engine control unit (spark advance delay, engine throttle opening reduction and fuel injection cut) and the rear brakes.
The **ASR** system is designed to enhance vehicle stability and active safety while driving, specially under the following conditions:

- internal wheel skidding on curves due to the load dynamic variations or excessive acceleration
- excessive power transmitted to the wheels, also in relation to the road surface conditions
- acceleration on slippery, snowy or icy road surfaces
- in the event of loss of grip on wet roads (aquaplaning).

The **ASR** system works in combination with the electronic suspension control system: in normal conditions (SPORT mode off), stability in low and medium grip conditions has priority, while with SPORT mode active, the system favours traction, thereby optimising vehicle performance on dry asphalt.

System activation

The **ASR** system is automatically activated every time the engine is started and can be deactivated by pressing button **A** (see page 43) for about 2 seconds; the warning light OFF illuminates on the instrument panel and on the display, where it is accompanied by a specific message. Press button **A** again to reactivate the system.
The amber warning light on the instrument panel flashes during all the operating phases.

Malfunction indicators

In the event of a fault, the system is automatically disabled and cannot be re-activated. While driving, this condition is signalled by the amber warning light on the multi-function display, which illuminates together with the message “ASR unavailable go to dealer”. The warning light illuminates on the instrument panel.

MSR function (engine braking torque adjustment)

The **ASR** system also controls the engine braking torque when the accelerator pedal is released under low grip conditions (e.g., snow, ice etc.): in these conditions, the high braking torque provided by the engine may cause instability of the vehicle.
The system, using the same sensors as the ABS, detects skidding of one or both driving wheels when the accelerator is released and opens the motor-driven throttle of the engine fuel system thereby reducing the braking torque and re-establishing the maximum grip conditions for the driving wheels.

WARNING: The maximum deceleration that can be obtained with the engine brake always depends on the tyre grip on the road surface. Snow or ice obviously reduce grip values.

ABS, EBD and HBA systems

The vehicle is equipped with ABS (Anti-lock Braking System) and EBD (Electronic Brake force Distribution) systems, which enhance the braking system performance by means of the ABS system sensors and ECU.
In the event of emergency braking or braking on slippery road surfaces (e.g. snow, ice etc.) the ABS, in combination with the standard braking system, allows the driver to apply maximum braking force without causing the wheels to lock and consequently losing control of the vehicle.
The system uses an electronic control unit that processes the signals coming from 4 sensors fitted on the 4 wheels. When a wheel tends to lock, the sensor warns the ECU, which activates an electro-hydraulic unit that modulates the pressure applied to the brake calipers; the driver will feel a “pulsing” sensation on the brake pedal which is completely normal.

To complete the action of the braking assistance systems, the vehicle is equipped with HBA (Hydraulic Brake Assistance) device, which helps the driver during emergency braking.
In the event of a critical situation, where the vehicle must stop in the shortest possible distance, the driver usually depresses the brake pedal quickly, but often not strongly enough: this increases the braking distance. This system has been designed to solve this problem and acts by applying the maximum braking force during emergency braking, in order to stop the vehicle in the shortest possible distance.
The system recognises the emergency condition by analysing some parameters, such as the pressure on the brake servo, the wheel speed and activation of the third stop. The ABS control unit cross-checks this data and substitutes the driver by activating the braking system’s full power and so ensures optimal braking performance in the shortest possible distance.

In the event of a failure the system will be deactivated, but this will not affect the efficiency of the standard braking system.
The failure will be indicated by the illumination of the amber warning light with the letters ABS (ABS) on the instrument panel.
In this case we recommend that you contact the nearest Centre of the **Maserati Service Network** in order to identify the fault as soon as possible, by means of the system self-diagnostic function.

The vehicle must be equipped only with wheels, tyres and brake pads of the type and make approved by the Factory for this model.

Despite the fact that this device considerably increases the safety levels, it is essential to always drive with the greatest care when the road surface is wet, covered with snow or ice.

The vehicle is equipped with an Electronic Brake force Distributor (EBD). The warning light (!) illuminates when the engine is running to indicate an EBD system malfunction: in this case, sharp braking may cause an early locking of the rear wheels, and the vehicle may skid. Drive with the greatest care and have the system immediately checked by the nearest Centre of the Maserati Service Network.

The failure warning light (ABS) usually illuminates with the engine running to indicate a malfunction in the ABS system only. In this case, the braking system will remain fully functioning, but will not use the ABS. In these conditions, also the EBD system efficiency may be affected. Drive with the greatest care in order to avoid sudden braking and have the system immediately checked by the nearest Centre of the Maserati Service Network.

If the low brake fluid warning light (!) illuminates when the engine is running, stop the vehicle and check the brake fluid level immediately. If fluid is below the minimum level, top up with the recommended fluid and contact the Maserati Service Network immediately. Brake fluid leaks affect the operation of the braking systems, both the standard one and the one equipped with ABS.

The system performance in terms of active safety is not a reason for the driver to run unnecessary risks. The driving style shall always be suited to weather conditions, range of visibility and traffic.

The maximum deceleration that can be obtained always depends on the tyre grip on the road surface. With snow or ice on the road the grip is obviously reduced and the braking distance is very high, even with the ABS system.

Tyre pressure monitoring system (optional equipment)

On request, the vehicle may come equipped with a system that monitors the tyre pressure by means of special sensors fitted inside the wheel rims, in position with the inflation valve. These sensors transmit a signal that is detected by the antennas installed on the vehicle body behind the gravel guards and connected to the ECU.

WARNING: The system can momentarily experience radio-electric interference emitted by devices using similar frequencies.

The ECU processes this information and, via the CAN line, transmits a series of tyre pressure data and system errors, if any, to the instrument panel. The display may show the information received by means of specific screen pages, which can be recalled selecting the “Tyre Pressure” page.

The system warns the driver that the tyre pressure has decreased. This warning does not exempt the driver from periodically checking the tyres and from complying with the prescribed tyre pressure levels.

WARNING: The system stores the tyre pressures as a reference rate, therefore tyres must be inflated to the prescribed pressure.

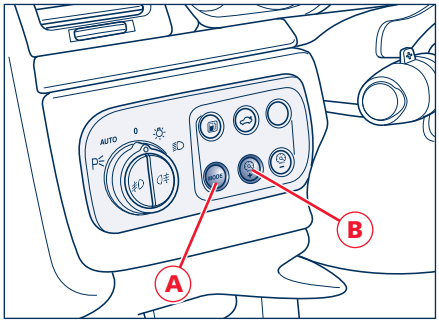
System calibration

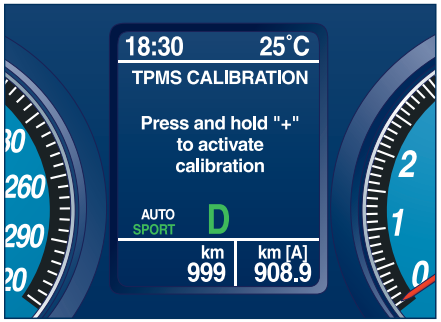
The system must be calibrated:

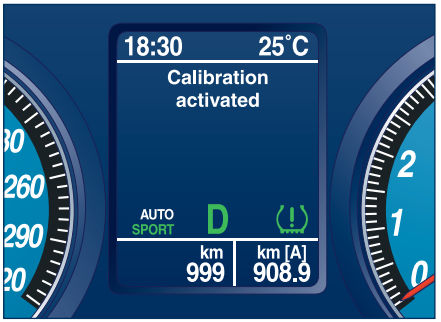
- after replacing one or more tyres;
- after inverting the wheels;
- if you are not sure whether at least one of the operations above was performed.

If you simply corrected the tyre inflation pressure, you do not need to recalibrate the system.

To calibrate the system, select the screen page “TPMS calibration” by pressing the “MODE” button **A**. Subsequently press and hold button “+” **B** to activate the calibration procedure. This operation may be performed with the key at **MAR** and the engine off. The system will take a few seconds to complete the process, and during this time the green symbol (!) and the message “Calibration started” will be displayed.







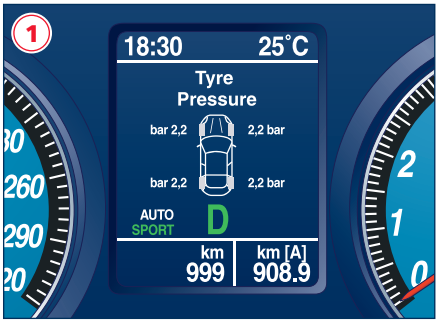
If the user recalls the information page showing the pressure levels of each tyre, dashes "–.–" will be displayed in the place of the values.

Viewing messages on the display

By pressing the "MODE" button **A** repeatedly (see on page 72), the user can access the information page that shows the pressure values of each tyre ("Tyre Pressure" page).
If system faults are found when this page is recalled, the same page will be replaced by an information message on the problem found. Also in this case, the information message will be displayed for a preset time. When the display time has elapsed, the "Tyre Pressure" screen page becomes available again, but the summary symbol for the malfunction will remain displayed in the dedicated area, until the malfunction is corrected.

Normal conditions

By pressing the button provided for quick information display ("MODE" button **A** pressed briefly), the user can access the information page (screen page **1**), which displays the pressure levels for each tyre.



Low pressure

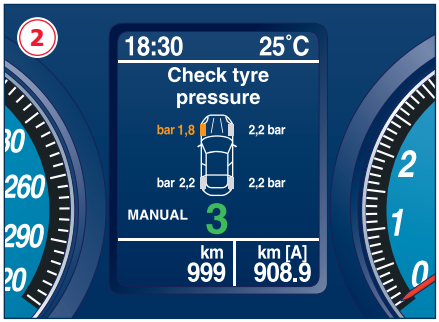
When the instrument panel receives a message from the tyre pressure ECU indicating that one or more tyres have pressure levels below the control threshold, screen page **2** will be displayed for 10 seconds, after which the system will display the screen page previously active.
When the key is subsequently turned back to ON, if the malfunction persists the display will show screen page **2** once again.

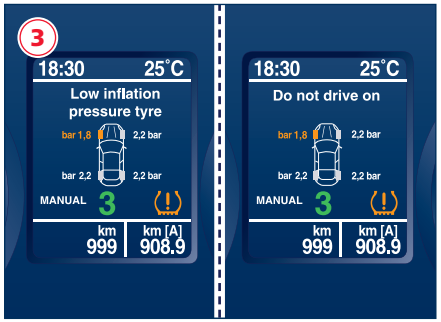
Tyre punctures

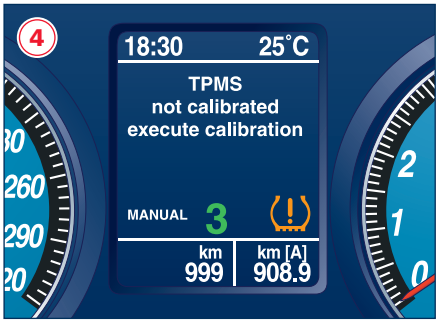
When the instrument panel receives a signal from the tyre pressure ECU indicating that the pressure level of one or more tyres is below the alarm threshold, the warning light (!) will permanently illuminate on the instrument panel and screen pages **3** will be displayed alternatively for 20 seconds. Every time the key is subsequently turned back to ON, if the malfunction persists the display will show screen pages **3** for 20 seconds. These screen pages will be displayed until the situation is corrected and the system is calibrated again as required.

System not calibrated

In the event that: the system has not been calibrated or following replacement or reversal of one or more tyres, the warning light (!) will illuminate on instrument panel, and the display will show screen page **4**. Subsequently, the system will display the page previously active
The system can be calibrated by selecting the “TPMS calibration” page on the multifunction display.
The information page that shows the pressure value for each tyre cannot be recalled.







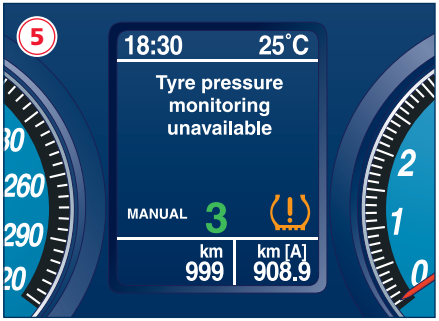
Tyre pressure monitoring system failure

Screen page **5** may appear in the following cases:

- malfunction in the ECU system/ wiring;
- no signal reception by one or more sensors due to malfunctioning, broken or dead battery;
- ECU malfunction.

The display procedure follows the usual logic of malfunctions. Therefore, after 10 seconds, the display will show the screen page that was active before the malfunction occurred.

In addition to screen page **5**, the permanent warning light (!) on the instrument panel will flash for 90 seconds, after which it will remain permanently on until the situation is corrected. The information page that shows the pressure value for each tyre cannot be recalled.

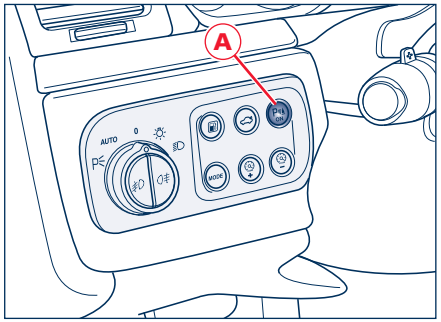


Parking sensors

To assist the driver during parking manoeuvres, the vehicle is equipped with four sensors housed in the rear bumper and four sensors in the front bumper (optionals in the latter case). During parking maneuvers, the parking sensors provide the driver with information on the distance between obstacles found behind and in front of the vehicle. The information about the obstacle distance is given to the driver by means of a acoustic and visual signals. The acoustic signals generated by the system add to the driver's field of vision, allowing him to avoid hitting any obstacles during manoeuvres.

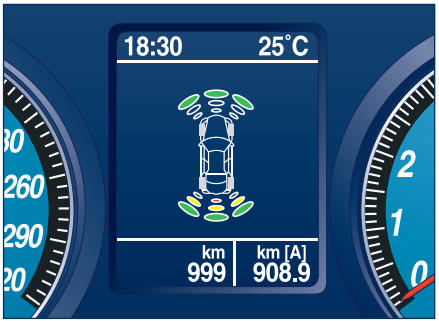
However, the driver remains responsible during parking manoeuvres and in other potentially dangerous situations. The system has actually been designed only as a supplementary aid during parking manoeuvres, since it allows the driver to detect obstacles outside his field of vision.

The front and rear parking sensors are automatically activated when the key is turned to **MAR**, when reversing.
If the vehicle is also equipped with front sensors, these may be activated by pressing button **A**. When the front sensors are active, the button illuminates with an amber colour.
To deactivate the sensors, press the button **A** once again. When reverse gear is disengaged, all the sensors remain active. The rear sensors remain active for about 10 seconds, until a speed of approx. 10 km/h (6 mph) is exceeded. The front sensors remain active until a speed of about 10 km/h (6 mph) is exceeded.
When the rear or front sensors are activated, an acoustic signal (beep) warns the driver that the system is active.
When the sensors are activated, the system begins to beep as soon as an obstacle is detected, and the tone frequency increases as the vehicle approaches the obstacle.



The acoustic signals are emitted by two buzzers, one under the dashboard (if the vehicle is equipped with front sensors) and one in proximity of the luggage shelf.
When the obstacle is located at a distance of less than 35 cm (14 in) from the bumper, the beep is continuous. The warning beep stops immediately if the distance between the vehicle and the obstacle increases.
The tone cycle is constant if the distance measured by the central sensors remains unaltered, while if this occurs with the side sensors, the acoustic signal stops after approximately 7 seconds, to prevent for example continuous beeps in the event of manoeuvres alongside walls.

The distance from the obstacles can also be graphically shown on the instrument panel display by means of an image that shows the vehicle surrounded by explanatory symbols of the distance (maximum/average/minimum) and the position (front/rear/central/side) of the obstacle detected.
The colour represents the distance, while the field represents the position. The green colour represents the maximum distance detected, the yellow colour the medium distance and the red colour the minimum one.
If the vehicle is equipped only with rear sensors, the front sensors are not shown in the image.
If the vehicle is equipped with front and rear sensors, the rear sensors are not shown in the image if only the front sensors are active.



Stop & Go function

The vehicle is equipped with a Stop & Go function that can be activated through the Multi Media System.
The Stop & Go function can be enabled/disabled by accessing the "Configuration" menu, selecting the "Define vehicle parameters" option, then the Stop & Go parking option and setting it to "Activation". With the Stop & Go function active, the front sensors will automatically be activated in all conditions where the vehicle speed drops below 8 km/h (5 mph).

WARNING: The Stop & Go function is only available if the vehicle is equipped with front parking sensors.

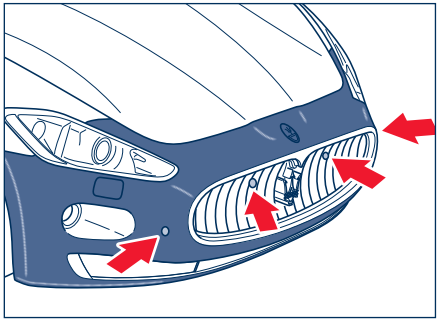
For the system to operate correctly, the sensors positioned on the bumper must be kept clean (remove any mud, dirt, snow or ice).

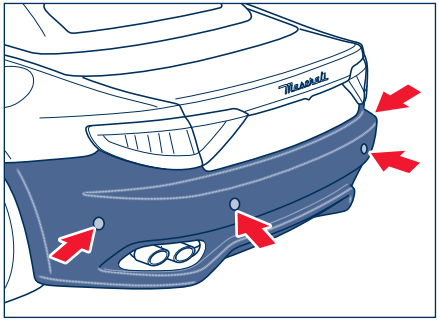
Cleaning the sensors

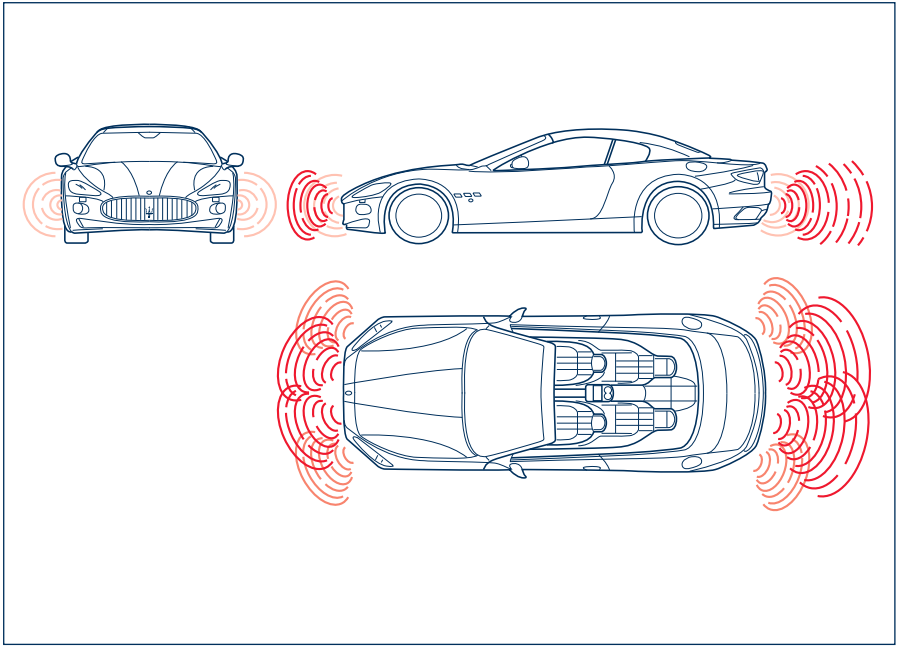
When cleaning the sensors, take special care not to scratch or damage them; therefore, do not use dry, rough or hard cloths.
The sensors must be washed with clean water, possibly with car shampoo added.
Should you need to repaint the bumper or in case of paint touch-ups in the sensors area, please contact exclusively the **Maserati Service Network**. Incorrect paint application could affect the parking sensor operation.

Sensor range

The sensors allow the system to monitor the front and rear of the vehicle; they are positioned so as to monitor the central and lateral zones at the front and at the rear of the vehicle.
In the event of an obstacle located in a central area, it will be detected at distances of less than 0,9 m (1 yd) at the front and 1,5 m (1.6 yd) at the rear, depending on the type of obstacle and its dimensions.
If the obstacle is located in a lateral position, it will be detected at distances of less than 0,8 m (0.9 yd).







Failure indicators

The system ECU checks all the components every time reverse gear is engaged.
In the event that the parking sensors fail, the relative warning light illuminates on the display, accompanied by the message "Parking help unavailable".
In the event of a failure signal, stop the vehicle and turn the ignition key to **STOP**. Then try cleaning the sensors or moving the vehicle away from any possible ultrasound sources (e.g., pneumatic truck brakes or pneumatic hammers) and turn the ignition key back to position **MAR**. This way, if the cause of the operating malfunction has been corrected, the system will start functioning again automatically and the failure buzzer will stop.
If the failure warning signal remains on, contact the **Maserati Service Network** to have the system checked.

During parking manoeuvres, always take the greatest care to avoid obstacles that could be located above or underneath the sensors. In fact, in certain circumstances, objects located near the rear of the vehicle are not detected by the system and therefore could damage the vehicle or be damaged themselves.

The signals transmitted by the sensors can also be altered by damage to the sensors or by dirt, snow or ice on the sensors or even by ultrasound systems (e.g., pneumatic truck brakes or pneumatic hammers) in the vicinity.

The driver always remains responsible during parking manoeuvres and in other potentially dangerous situations. When performing these manoeuvres, always make sure there are no people (especially children) or animals in the manoeuvring area. The parking sensors must be considered an aid for the driver who, in any case, must always take care during potentially dangerous manoeuvres, even at low speeds.

Fuel cut-out inertia switch

The vehicle is equipped with a safety switch which activates in the event of a collision, cutting off the fuel supply and consequently causing the engine to stop. It also prevents fuel spreading if the fuel lines are damaged during the accident.
Activation of the safety switch is signalled by the illumination of the warning light on the display.
The switch is positioned underneath the front left-hand seat.

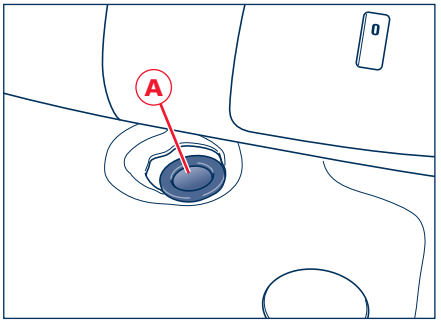
After a collision, if you smell fuel or note any leakage from the fuel supply system, do not reactivate the switch in order to prevent any fire risks.

The activation of the inertia switch causes all the doors and the luggage compartment to unlock and in the internal dome light and the four direction indicators to turn on.

Resetting the switch

Turn the ignition key to position **STOP.**
Check that there is no leakage from the fuel system.
If no leaks are found, reset the inertia switch which stops the fuel pump operation, by pressing button **A** on the switch.
Turn the ignition key to position **MAR**, wait a few seconds and move it to **ACC**.
Check that the warning light on the display is off.
Check once again that there are no fuel leaks.

*Note: Please contact the **Maserati Service Network**.*



Instruments and controls

Dashboard	58
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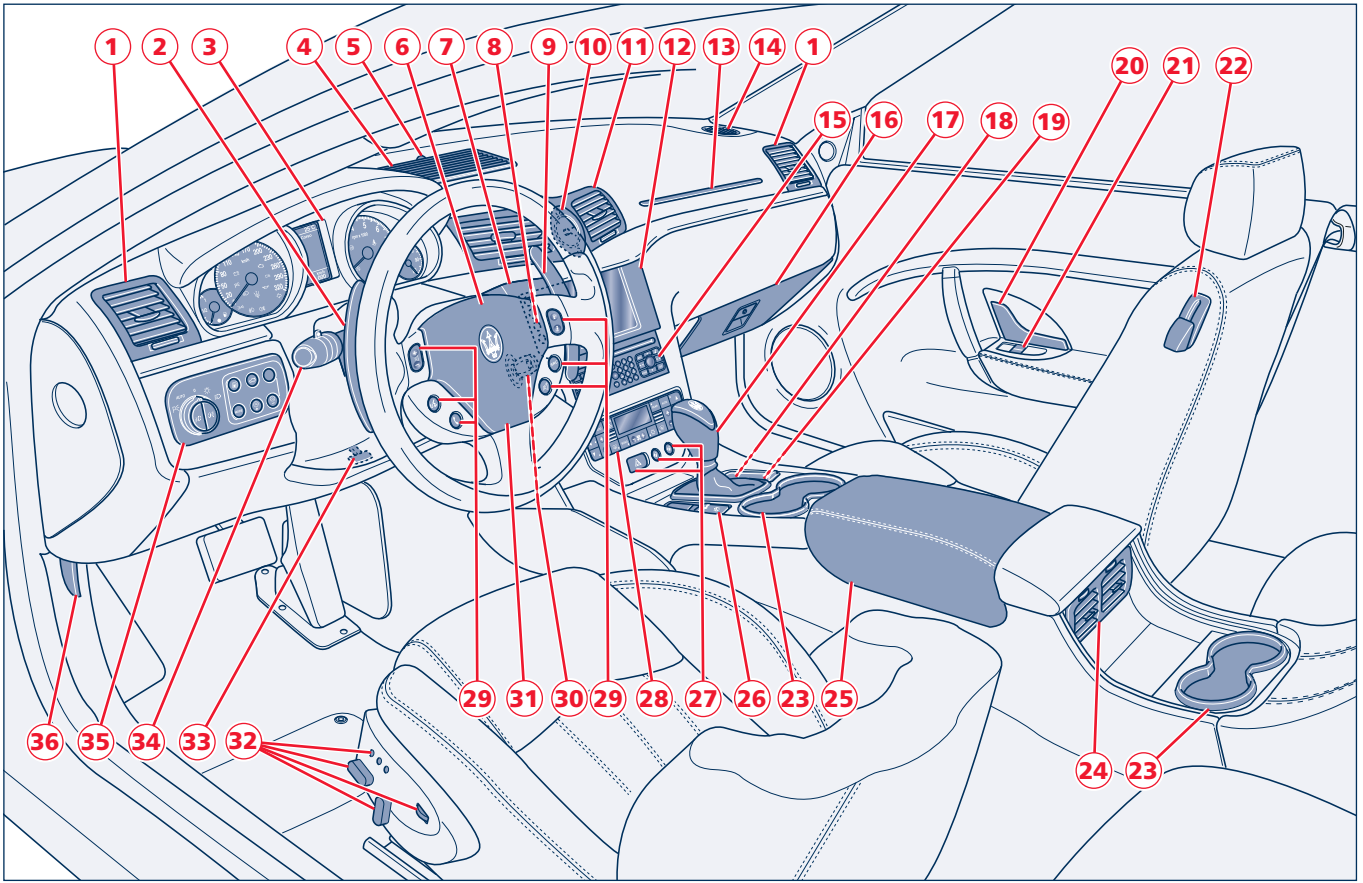
Dashboard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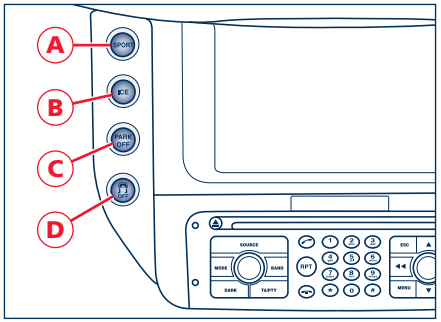
1) Air conditioning side vents.
2) Lower gearshift paddle DOWN.
3) Instrument panel.
4) Air conditioning upper vent.
5) Sun radiation sensor.
6) Driver's airbag.
7) Windscreen/headlight wiper/ washer control lever.
8) Side buttons, to the left of the Multi Media System Display.
9) Upper gearshift paddle UP.
10) Clock.
11) Central air-conditioning vents.
12) Multi Media System display.
13) Passenger's airbag.
14) Side window vents.
15) Multi Media System controls.
16) Glove compartment.
17) Automatic gearshift lever.
18) Power socket.
19) Soft top opening/closing button.
20) Internal passenger's door opening handle.
21) Passenger's door power window control.
22) Passenger seatback tilting lever.
23) Beverage holder.
24) Air conditioning rear vents.
25) Pocket-change compartment.
26) Electric parking brake engagement/disengagement lever.
27) Buttons underneath air conditioning controls.
28) Air conditioning controls.
29) Multi Media System controls repeated on the steering wheel.
30) Starter/steering wheel lock switch.
31) Horn control.
32) Seat adjustment controls.
33) Steering wheel height and depth adjustment lever.
34) Lever controlling cruise control, direction indicators, high beams and flashing headlights.
35) Controls to the left of the steering wheel.
36) Engine compartment lid opening lever.

Ref. 8 Side buttons, to the left of the Multi Media System Display

A - **SPORT** mode button.
B - Low grip mode button (**ICE**).
C - **PARK OFF** function button (see page 174).
D - **ESC OFF** system deactivation button.



Ref. 27 Buttons underneath air conditioning controls

A - Hazard light button.

B - Door lock/unlock button.

Ref. 29 Multi Media System controls repeated on the steering wheel

A - Increases the sound system volume.

B - Decreases the sound system volume.

C - Activates/deactivates the voice command function.

Navigator mode: Enables the guiding voice during the trip guidance and also displays information pertaining to the guidance session.

D - **Button pressed briefly**

Telematic mode activation.

Place call, paired telephone.

Accept incoming call, paired telephone.

End call in progress, paired telephone.

Button pressed at length

Reject incoming telephone call, paired telephone.

E - **Button pressed briefly**

Radio mode: Search for the first tuneable station with higher frequency.

SIRIUS Satellite Radio Mode (where available): Goes to the next category starting from the one currently selected.

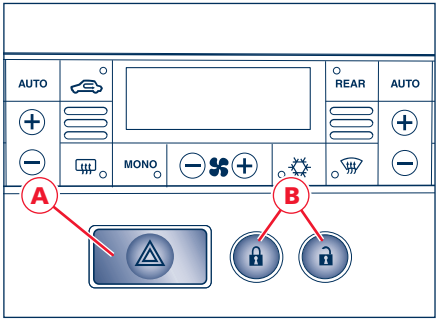
CD, Jukebox, USB and iPod mode: track fast forward.

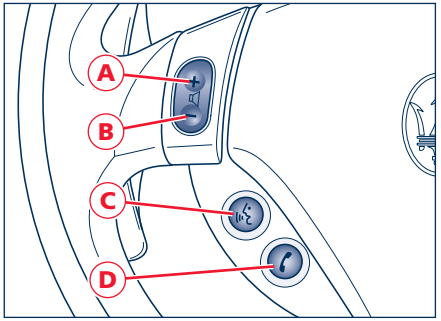
Button pressed at length

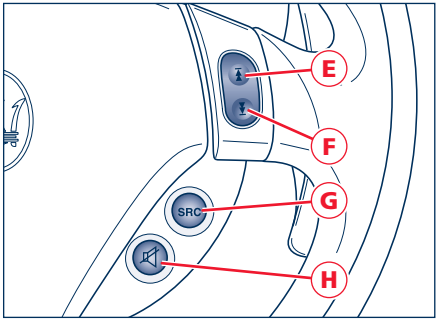
CD audio mode: track fast forward.

F - **Button pressed briefly**

Radio mode: searches for the first station with a lower frequency that can be tuned in to.







SIRIUS Satellite Radio Mode (where available): Goes to the previous category starting from the one currently selected.

CD, Jukebox, USB and iPod mode: goes to the previous track if selected within the first 3 seconds of track playing, otherwise the track is played again from the beginning.

Button pressed at length

CD, Jukebox, USB and iPod mode: track fast rewind.

G - Mode selection: Radio, CD, Jukebox or iPod.

H - Mute function on/off.

I - Radio mode: radio frequency shift to the next station in preset steps, starting from the station currently tuned in.

SIRIUS Satellite Radio Mode (where available): goes to the following radio channel starting from the station currently tuned in.

CD, MP3, Jukebox, USB and iPod mode: selects the next folder.

Menu: scrolls through the menus.

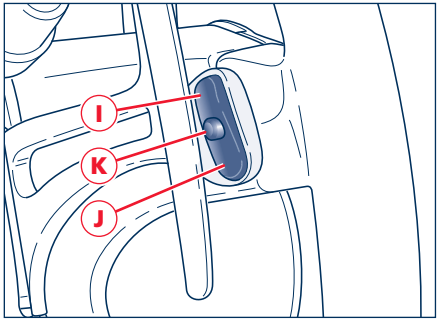
J - Radio mode: radio frequency shift to the previous station in preset steps, starting from the station currently tuned in.

SIRIUS Satellite Radio Mode (where available): goes to the previous radio channel starting from the station currently tuned in.

CD, MP3, Jukebox, USB and iPod mode: selects the previous folder.

Menu: scrolls through the menus.

K - Confirms the function, item or value selected.



Ref. 35 Controls to the left of the steering wheel

A - Light switch.

B - Fuel tank door opening button.

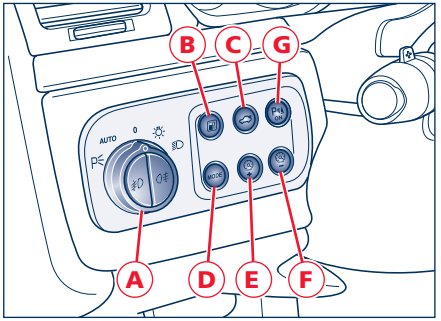
C - Luggage compartment lid opening button.

D - Mode button.

E - Instrument panel brightness control (up).

F - Instrument panel brightness control (down).

G - Front parking sensor deactivation button (optional).



Controls on driver's door

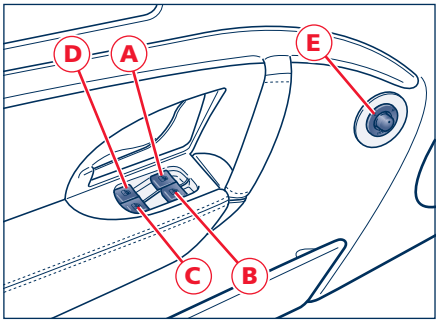
A - Front left-hand power window control.
B - Front right-hand power window control.
C - Rear right-hand power window button.
D - Rear left-hand power window button.
E - External rear-view mirror controls.

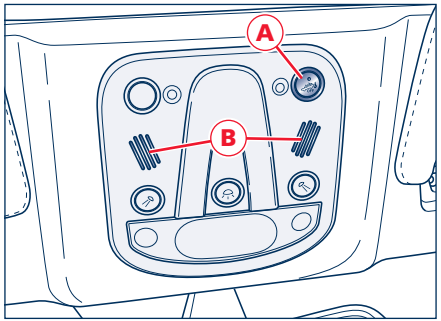
Controls on inside roof

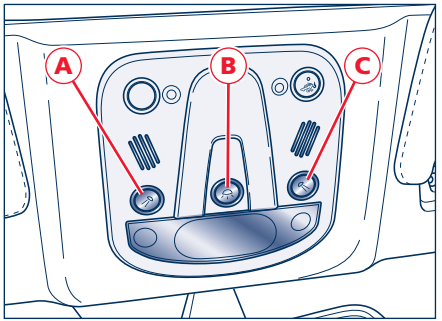
A - Deactivation of alarm system anti-lift and anti-intrusion sensors.
B - Associated telephone hands-free microphone.

Controls on front dome light

A - LH side light switch.
B - Central light switch.
C - RH side light switch.

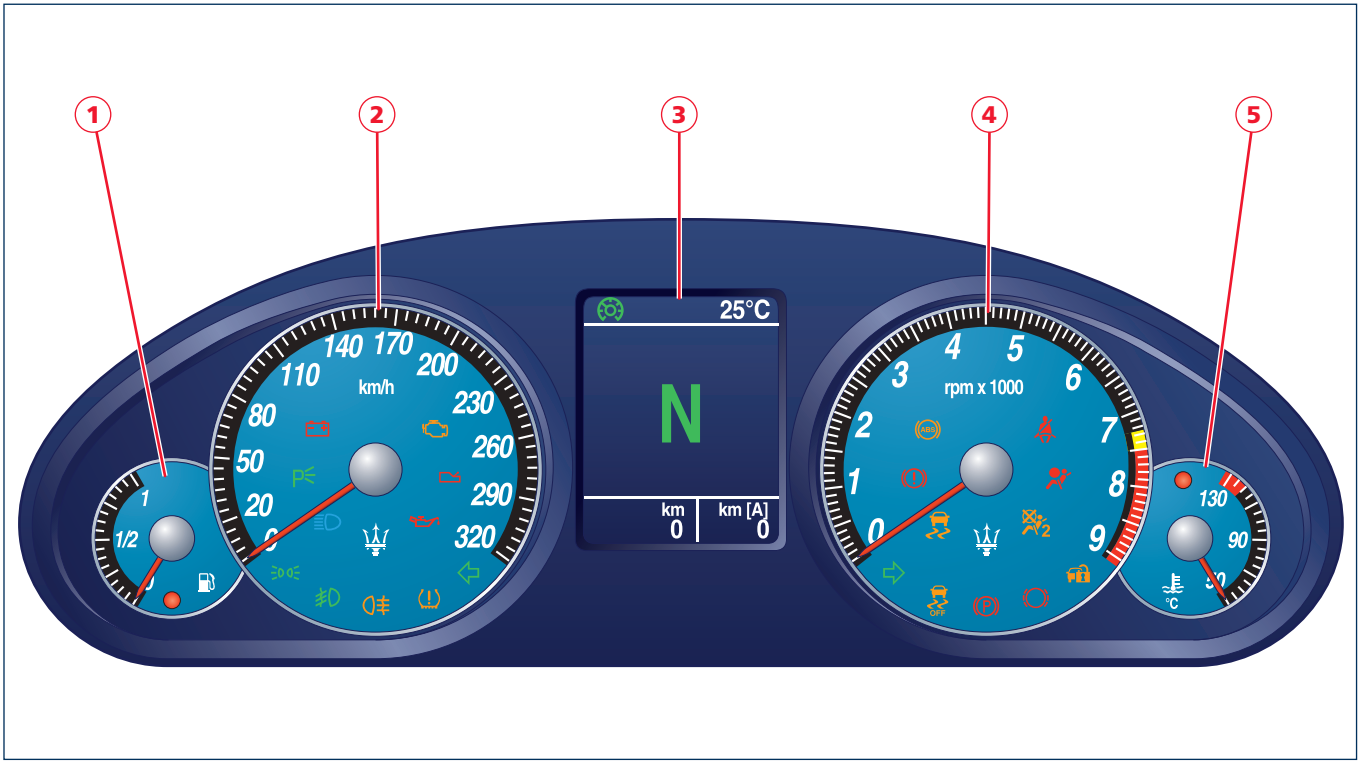






Instrument panel

1) Fuel level gauge and low fuel indicator.
2) Tachometer.
3) Display.
4) Revolution counter.
5) Coolant thermometer and high temperature warning light.



Indicators and warning lights

Rear fog lights

When the rear fog lights are turned on.

Fog lights

When the fog lights are turned on.

Position lights/low beams

This warning light illuminates when the position lights, low beams or parking lights are turned on.

High beams

When the high beams are turned on or used to flash.

Parking lights

With the key removed, it indicates that the parking lights are on.

Alternator failure (*)

If there is a fault in the recharging system.
When the battery is insufficiently charged or overcharged (flashing).

Engine failure control system (EOBD) (*)

In normal conditions, this warning light should illuminate when the ignition key is turned to **MAR** and go off as soon as the engine is started. This will show that the warning light is working properly.
If the warning light remains on or illuminates while driving, it indicates that there is a failure in the fuel supply/ignition and emission control system. This failure could cause high exhaust emissions, loss of performance, poor vehicle handling and high consumption levels.
Under these conditions you can proceed slowly without demanding engine performance. Prolonged use of the vehicle when this warning light is illuminated may cause damages. For this reason, you should contact the **Maserati Service Network** as soon as possible. The warning light will go off if the problem is no longer present. The error will be stored by the system in any case.

WARNING: When the ignition key is turned to **MAR**, if the warning light does not illuminate or if it illuminates while driving, contact the **Maserati Service Network** as soon as possible.

Automatic gearbox failure (*)

Depending on the message displayed it signals:

- a gearbox failure.

If the failure permits, slowly drive to the nearest Centre of the **Maserati Service Network**.

- a too high temperature of the gearbox oil.

In this case, slow down until the temperature goes down to the normal values for use (the warning light goes off), see page 155.

Low oil pressure (*)

In normal conditions, the warning light should illuminate when the ignition key is turned to **MAR** and go off as soon as the engine is started.
If the warning light remains on or illuminates while driving, this indicates a too low engine oil pressure. In this case, turn the engine off immediately and carry out the necessary checks.
If the problem persists, contact the **Maserati Service Network**.

Tyre pressure (*)

This warning light is connected to the tyre pressure monitoring system.
It illuminates when insufficient inflation pressure of one or more tyres is detected.
If this warning light flashes before turning permanently on, it indicates that the system is faulty or temporarily not available.

Low brake fluid warning light (*)

This warning light illuminates when the brake fluid level drops below the minimum level. If accompanied by a specific message, it indicates an EBD system failure.
In this case, do not apply the brakes suddenly, since this may cause an early locking of the rear wheels. Driving extremely carefully, immediately go to the nearest Centre of the **Maserati Service Network** to have the system checked.

If the warning light illuminates while driving, immediately check the brake fluid level. If the fluid is below the minimum level, there may be a leakage in the circuit. Contact the Maserati Service Network before driving further.

ABS System Failure (*)

This warning light illuminates when the ABS system is not functioning. The standard braking system remains operational, but it is advisable to contact the **Maserati Service Network** as soon as possible.

Seat belts (*)

This warning light illuminates when one or both front seat belts are not fastened or improperly fastened.

Airbag/pretensioner failure (*)

When the pretensioner and/or airbag system is defective.

Turning the key to MAR, the warning light illuminates but should go out after a few seconds with the engine running.

If the warning remains on or stays on or if it does not illuminate or if it illuminates while driving, contact the Maserati Service Network as soon as possible.

Passenger's airbag deactivated warning light

This warning light illuminates when the passenger's airbag is deactivated.

Maserati CODE (*)

With the ignition key in **MAR** position, the amber warning light on the instrument panel and the multi-function display illuminate when the system detects the following faults:

- alarm system not available;
- electronic key not detected;
- have the vehicle protection system checked;

or when the user is informed of the following events:

- vehicle break-in detected;
- electronic key not recognised.

Brake pads worn (*)

This warning light illuminates when the brake pads have reached their wear limit. Please contact **the Maserati Service Network**.

Parking brake engaged

This warning light illuminates when the parking brake is applied.

ESC system failure (*)

This warning light indicates an ESC system malfunction. Contact the **Maserati Service Network.**

ESC system deactivation (*)

This warning light illuminates when the ESC system is deactivated.

Right-hand direction indicators

This warning light illuminates when the right-hand direction indicators or the hazard lights are turned on.

Left-hand direction indicators

This warning light illuminates when the left-hand direction indicators or the hazard lights are turned on.

(*) Viewed on the display as well

Warning lights on the display

Inertia switch, fuel cut-out enabled

This warning light illuminates when a collision activates the inertia switch, thus cutting off the fuel supply.

After a collision, if you smell fuel or note leakages from the fuel system, do not reactivate the switch in order to prevent the risk of fire.

Windscreen washer fluid

This signals a low level of washer fluid in the windscreen washer tank.

Cruise Control

This warning light indicates that the constant speed regulator, Cruise Control, is active.

Lighting system failure

This warning light illuminates in the case of a system failure or burning-out of the position, direction indicator, rear fog and number plate light bulbs.

Stop light failure

This warning light illuminates in the case of a system failure or burning-out of the stop light bulbs.

Twilight sensor failure

This warning light illuminates in the case of a failure of the twilight sensor.

Soft top failure

This warning light illuminates if the hydraulic and electric soft top movement systems fail.

Catalyst temperature too high

This warning light comes on if the engine runs irregularly with consequent high temperature in the exhaust system.

IF THE WARNING LIGHT IS ACCOMPANIED BY THE MESSAGE "HIGH CATALYSTS TEMPERATURE SLOW DOWN": the catalytic converter temperature is too high. The driver must slow down immediately until the warning light turns off.

IF THE MESSAGE "EXCESSIVE CATALYSTS TEMPERATURE DO NOT DRIVE ON" APPEARS AFTER DECELERATING: the temperature in the catalytic converters has reached a dangerous level and the catalytic converters could be damaged. Drive slowly to the nearest workshop.

If the warning light comes on permanently 3 times, the engine stops. The engine can only be restarted turning the key to off and then back to on. Go to the nearest Centre of the Maserati Service Network driving at reduced speed.

Maserati declines all responsibility for personal injuries or property damage deriving from non compliance with the above mentioned warnings.

Power steering failure

This warning light indicates that the power steering system is malfunctioning.
Drive slowly to the nearest Centre of the **Maserati Service Network**, being extremely careful as steering effort may increase.

Low engine oil level

This warning light indicates that the engine oil level is low; to check it see page 228.

Low Automatic gearbox oil level

The red symbol indicates that the gearbox oil level is too low. Stop the vehicle and contact the **Maserati Service Network** to have the vehicle checked.

Excessive coolant temperature

Coupled to the "Coolant thermometer" it comes on together with the warning light on the instrument panel and indicates an excessive temperature of the coolant. In this condition, stop the vehicle and have the cooling system checked by the **Maserati Service Network**.

ALC system failure

This warning light indicates a failure of the automatic headlight aiming system.

ASR system failure

This warning light indicates the deactivation or failure of the ASR system.
In the event of a failure, contact the **Maserati Service Network**.

Rain sensor failure

This warning light indicates that the rain sensor is faulty.

Parking sensor failure

This warning light indicates that the parking sensor system is faulty.

Shock absorber failure

While driving, it indicates a malfunction in the suspension system.

Doors and lids open

This warning light indicates that the doors or lids are open or not properly closed; the display also shows an image of the vehicle with the part not closed highlighted in red.

WARNING: Before starting off, close any doors and lids that are open or not properly closed.

WARNING: The soft top automatic movement is disabled when the luggage compartment is open.

Ice hazard

This warning light illuminates when the outside temperature is 3°C or lower, in order to indicate the risk of icy road surfaces. In these conditions, drive carefully and slow down as the grip of the tyres will be markedly reduced.

Do not activate "SPORT" mode in this situation.

Vehicle set to SPORT

When the button that sets the vehicle to the SPORT mode is pressed.

WARNING: SPORT mode changes the vehicle driving features.

WARNING: SPORT mode should not be activated if the road surface is in poor conditions or or slippery.

WARNING: In low- and medium-grip conditions (e.g., rain, snow, ice, sand, etc.) it is advisable not to activate SPORT mode, even with the ESC enabled.

EPB automatic operation disabled

This warning light indicates that the EPB automatic activation/ deactivation function is disabled.

Automatic gearbox
It indicates that the automatic gearbox feature is active.

"Low grip" function
It indicates that the low grip function is active.

Seat heating
It indicates that the heating function is activated on one or more seats.

Maintenance Schedule
Depending on the accompanying message, this indicates that service schedule deadlines are either approaching or due.
Upon reaching a deadline, contact the **Maserati Service Network**.

Instruments and gauges

Fuel gauge

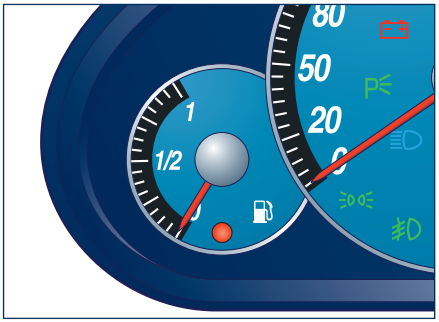
The illumination of the warning light inside the gauge indicates that there are approx. 7,5 litres (1.6 UK gal) of fuel in the tank.
If the pointer positions on 0 (beginning of scale) and the fuel reserve warning light flashes, it means that there is a system malfunction.
In this case, contact the **Maserati Service Network** to have the system checked.

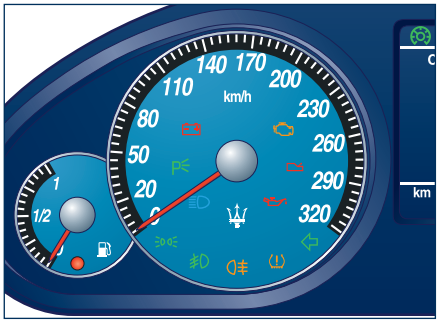
Tachometer

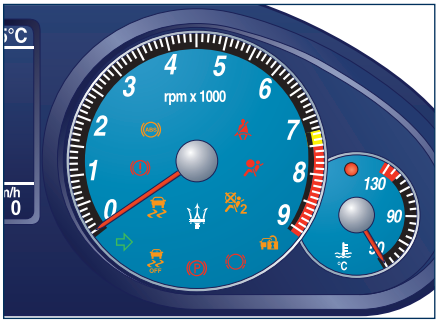
It indicates the driving speed. The gauge starts providing data when 4 Km/h (2.5 mph) are exceeded.

Revolution counter

It indicates the engine RPM. Proper driving allows the driver to exploit the engine performance fully, without unnecessary overrevving.







Coolant thermometer

It indicates the temperature of the coolant. If the needle indicates high temperatures and at the same time the warning light comes on, stop the vehicle immediately and have the cooling system checked by the **Maserati Service Network**.

Display

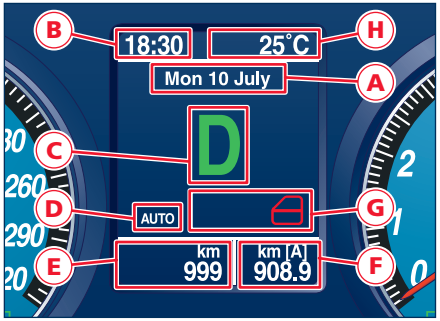
Incorporated in the instrument panel, it performs the following functions:

- provides general information while driving;
- signals failures and warnings.

The user can interact with the system by setting the parameters for the information that can be recalled.
The screen page displayed following the initial check cycle, in normal operating conditions, (standard screen page) contains the following information:

A - date;
B - time;
C - gear engaged;
D - driving mode;
E - total odometer;
F - Trip odometer **A**, **B** or vehicle speed repeated;
G - other symbols that may be displayed as icons;
H - outside temperature.

From the set-up menu in the Multi Media System, the user can also choose to have the information displayed for the Audio, Navigator and Telephone repeated on the dashboard. For the relevant procedures and instructions, see the “Multi Media System” manual.



Controls

Mode

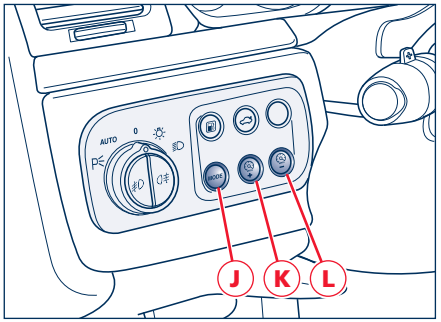
The screen page activation and setting are controlled by pressing the MODE buttons **J**, "+" **K** and "-" **L**. Pressing the MODE button briefly will switch to the following screen pages in sequence:

- Trip A.
- Trip B.
- Tyre Pressure (+).
- Left-hand front seat comfort (*).
- Right-hand front seat comfort (*).
- Option Selection.
- TPMS calibration (+).
- Standard.

(+) If equipped with tyre pressure monitoring system (TPMS).
(*) If equipped with "Comfort Pack".

Each of these has a 10-second timing, after which the non-flashing information previously viewed is restored.

Pressing the MODE button **J** at length (over 2 seconds) the user will select the Trip Odometer information currently displayed, or the Trip Odometer A if the tachometric repetition is active. This piece of information will flash for 10 seconds, after which the non-flashing information previously viewed is displayed once again.



"+" and "-"

By means of the "+ " **K** and "-" **L** buttons, the user can adjust the instrument panel brightness.
When the "Option Selection" screen page is viewed, these buttons can be used to select, choosing between Trip Odometer A and Trip Odometer B, the information to be repeated on the display. By selecting, Odo A or Odo B using the MODE button **J** and then pressing buttons "+ " and "-", the user will display the trip information selected (flashing) alternately.
When the "TPMS calibration" page is displayed, press button "+" to activate the calibration process.

Trip Odometer reset

In all these cases, and before the 10-second timing has elapsed, pressing the MODE button **J** briefly (less than 2 seconds) will reset the trip information relating to the flashing Odometer (A or B).

Setting the date

The date can be set by means of the set up menu of the Multi Media System (see Multi Media System Manual).

TRIP screen page

The Trip screen page is recalled by pressing the MODE button **J**; Each TRIP screen page (A or B) is timed, i.e. it is displayed for a maximum of 10 seconds, after which the screen page previously active is displayed once again.

When the TRIP A or TRIP B feature is active, the following information is viewed on the display:

- travelled distance (km - miles);
- average fuel consumption (km/l – mpg);
- average travelling speed (km/h - mph);
- trip time (hh:mm);
- fuel range (km – miles).

The unit for fuel consumption measurement can be adjusted by the user from the Multi Media System set-up menu.

Tyre pressure screen page

If the vehicle is equipped with tyre pressure monitoring system (optional), by pressing the MODE button **J** the user will display "Tyre Pressure" information .

This screen page is displayed for 10 seconds and, in normal conditions, it will appear as shown in the figure. In addition, the system recognises the following conditions:

- system not calibrated;
- system failure;
- low pressure or puncture in one or more tyres.

Comfort screen page

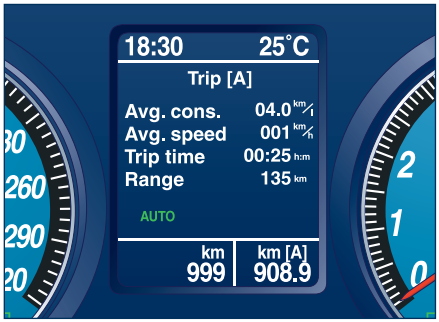
If the vehicle is equipped with "Comfort Pack", repeatedly press the MODE button **J** to display the screen page showing the operating status of the heating system for each seat.

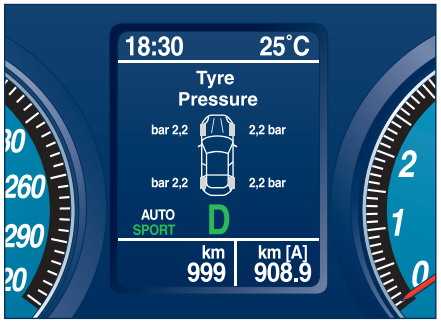
The user can view the following information:

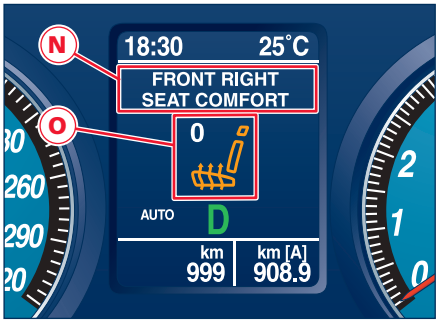
N - Seat indication;

O - Heating level.

This screen page remains displayed for 10 seconds, as shown in figure.





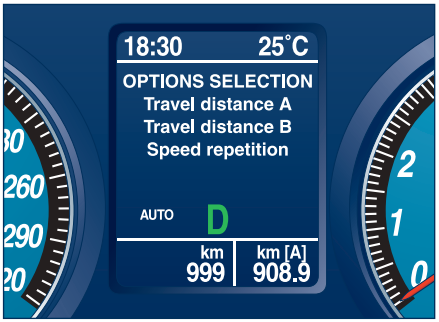


Option Selection Screen Page

Briefly press the MODE button **J** to display the screen page and select the desired value among the following ones:

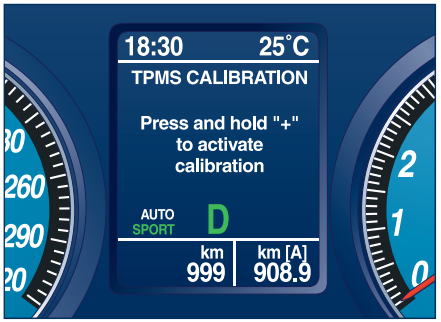
- TRIP A distance;
- TRIP B distance:
- current speed repetition;

the value to be set ,in the **F** area of the display, on the Standard screen page (see page 71).
This screen page remains displayed for 10 seconds, as shown in figure.
The options listed can be selected by pressing the "+" and "-" buttons and are confirmed by briefly pressing the MODE button **J** or simply not performing any operation for 10 seconds.



TPMS calibration page

In the event that: the system has not been calibrated, following replacement or reversal of one or more tyres, the warning light (!) will illuminate on the instrument panel and the display will show the message warning the driver to calibrate the system.
To calibrate the system, you need to to select the "TPMS calibration page" by pressing the MODE button **J**. Subsequently press and hold button "+" to activate the calibration process (see on page 47).



Multi Media System Configuration Menu

By accessing the Configuration mode, the user can set-up the vehicle features.
The parameters that can be set are the following:

- Display configuration:
  - select the colour (choosing between day/night mode or automatic setting);
  - adjust the brightness.
- Sounds:
  - voice control volume;
  - voice synthesis setting.
- Language selection (Italian, English, Spanish, German, French, Dutch, American).
- Define the vehicle parameters:
  - speed limit;
  - instrument panel buzzer volume;
  - door and luggage compartment locking;
  - info repetition on instrument panel;
  - Stop & Go parking sensors.

Controls

Horn

Pressing the horn symbol **A**, the horn is activated.

Controls to the left of the steering wheel

Front fog lights

Press button **B** to turn on the front fog lights. They only work when the position lights or low beams are on. The symbol on the button illuminates when the lights are on.

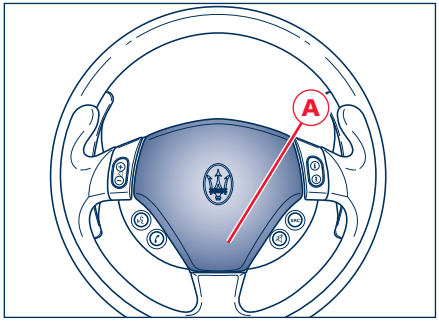
Rear fog lights

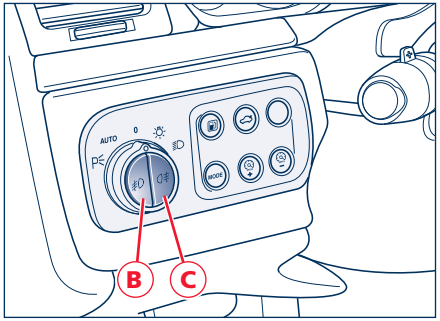
Press button **C** to turn on the rear fog lights. They only work when the front fog lights or low beams are on. The symbol on the button illuminates when the lights are on.

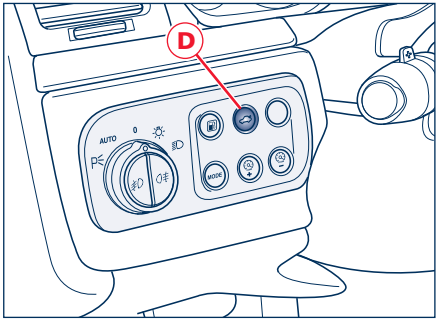
Do not use the rear fog lights in normal visibility conditions to avoid dazzling vehicles behind.

Opening the luggage compartment

Press button **D** to open the luggage compartment lid.
It can be operated only when the ignition key is removed or turned to **STOP** and **ACC**.







Opening the fuel tank door

Press button **E** to open the fuel tank door on the rear right-hand side of the vehicle.
It can be operated only when the ignition key is removed or turned to **STOP**.

Setting the brightness of instruments and gauges

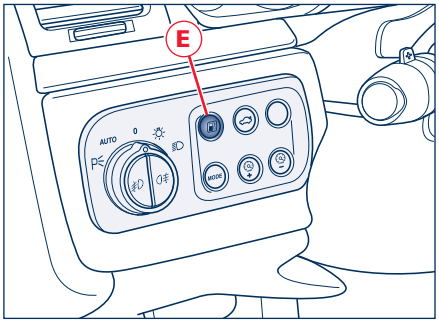
Press button **F** or **G** to increase or decrease the brightness of the instruments and gauges.
You can adjust the brightness both in daytime (headlights off) and night-time (headlights on) configuration.

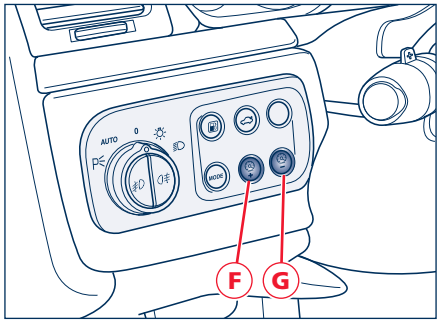
MODE

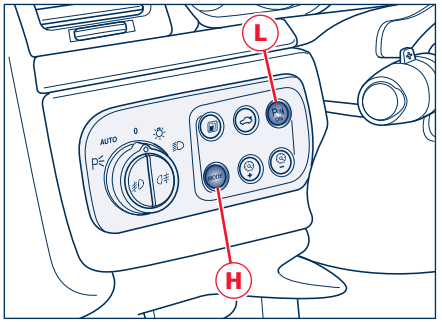
Pressing button **H** will select the screen pages to be viewed on the instrument panel display.

Activating the front parking sensors (optional)

The front parking sensors can be deactivated by pressing button **L** when these sensors are disabled, the LED on the button illuminates. To reactivate the sensors, press button **L** again.







Dashboard buttons

Hazard warning lights

Press button **M** to turn on the hazard lights. Their operation does not depend on the position of the ignition key. Press the button again to turn them off.
When these lights are on, the direction indicators, the related warning lights on the instrument panel and the button are flashing.

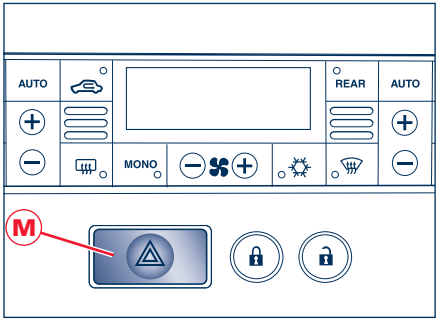
WARNING: When the hazard warning lights are activated, the direction indicators control is disabled.

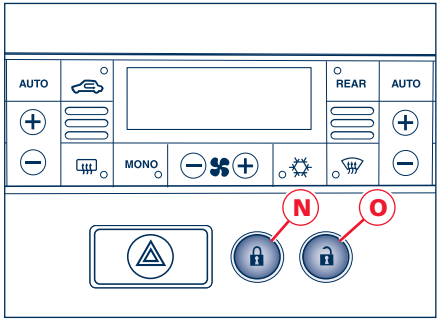
Door locking and unlocking

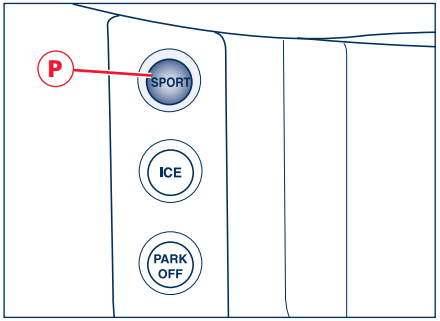
Buttons **N** and **O** control the locking and unlocking of the locks.

SPORT mode

Press the button **P** to select **SPORT** mode for a racing-style setting which acts on the following systems: suspension, traction control, automatic gearbox and exhaust opening.
Please note that selecting **SPORT** mode will strongly decrease driving comfort, especially in city traffic and on uneven road surfaces.







Low grip (ICE)

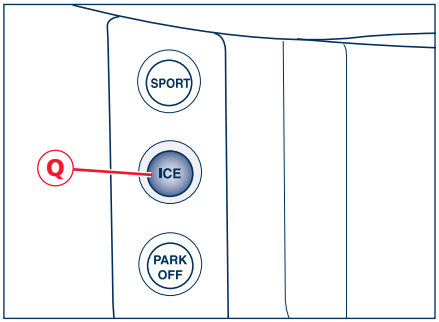
This mode should be used on particularly slippery road surfaces (e.g., rain, snow, ice). To activate/deactivate this mode, press button **Q**. When this function is active, the word “ICE” illuminates on the display.

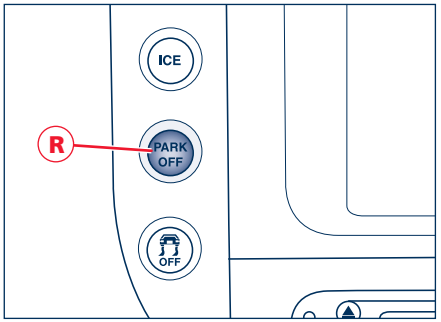
PARK OFF

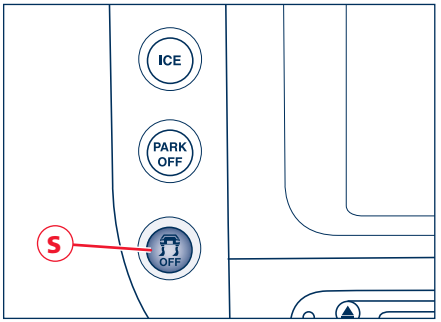
This function disables the automatic activation of the electric parking brake (EPB) (see page 174). The EPB is deactivated/reactivated by pressing the **R** button.

ESC System

The ESC system activates automatically every time the engine is started.
The system can be activated or deactivated while driving by pressing button **S**. To avoid deactivating the system inadvertently, press and hold the button for approx. 2 seconds to deactivate the ESC system.
When the system is deactivated, the dark yellow warning light OFF illuminates on the instrument panel and on the display, where it is accompanied by a specific message.





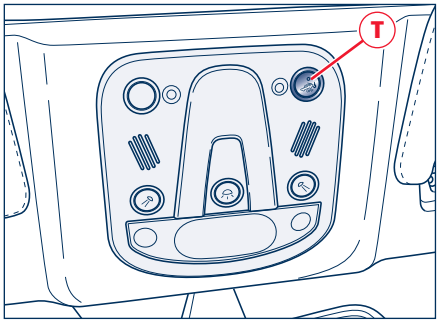


Roof panel buttons

Anti-intrusion / anti-lift alarm system

The anti-intrusion/anti-lift alarm system can be deactivated by pressing the button **T,** on the roof panel, when the key is on **MAR** or within one minute from turning the engine off (key at **STOP**). Deactivation is signalled by the LED flashing for 3 seconds.

WARNING: deactivation of the motion sensing and anti-lift protection devices remains memorised until the next alarm system activation. Therefore, if these protection devices are deactivated but the alarm system is not activated within a very short time, their deactivation will remain stored until the next system activation, regardless of wether the vehicle is turned on or off.



Internal equipment

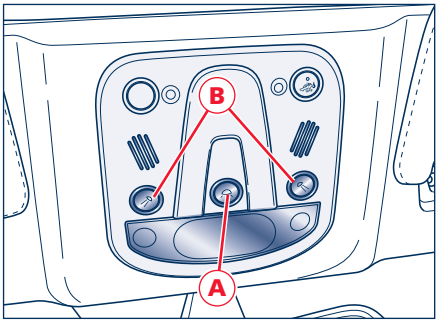
Dome lights

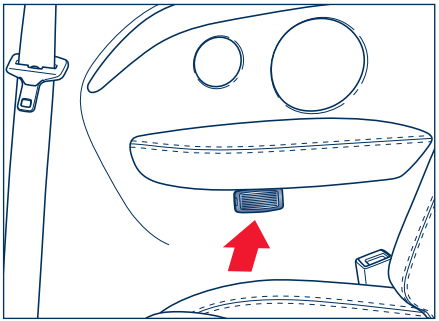
The passenger compartment is fitted with a front dome light, in central position on the windscreen frame, and two rear dome lights, to the sides of the rear seats.
The front dome light houses a central light and two side lights.
The front central light and the two rear lights, in addition to turning on automatically when either of the two doors is opened, can be turned on by pressing the button **A**.
The front side lights are controlled by the relative buttons **B**.

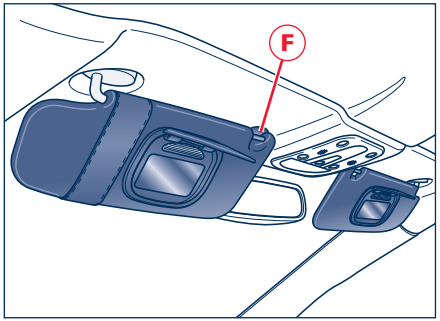
All the lights, if turned on using the relative button, remain lit for approx. 15 minutes after turning off the engine and then go off.
The central light and the rear side lights turn on automatically for approx. three minutes when one or more doors are opened. If the doors are closed before this time has elapsed, the lights go off after approx. 10 seconds.
Upon removing the key from the switch and activating the centralised door locking system with the remote control, the dome lights turn on for about 10 seconds.
In the event of a collision causing the inertia switch activation, the dome lights turn on automatically for approx. 15 minutes

Sun visors

The sun visors can be folded to the front and to the side of the vehicle. To move the visor to the sides, lower and release it from the catch **F**.
By lowering the visor on the passenger's side you can access the courtesy mirror with incorporated light. This switches on automatically (with the ignition key in **MAR** position) when raising the mirror protective cover. Before raising the visor, close the mirror cover.







Clock

Press button **G** to set the clock:

- brief pressure = slow adjustment
- prolonged pressure = fast adjustment.

This illuminates when the external lights are turned on.

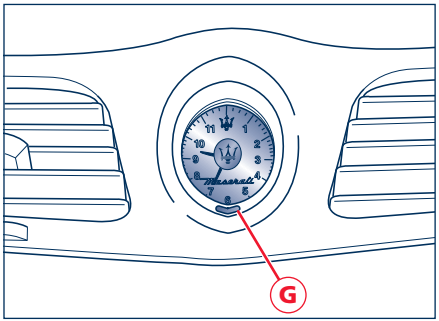
Power socket

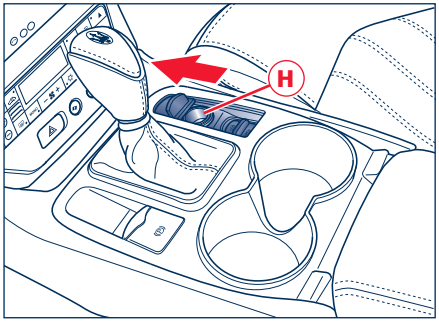
It is located on the centre console, hidden by a small sliding cover. To access the power socket **H**, slide the cover forward.

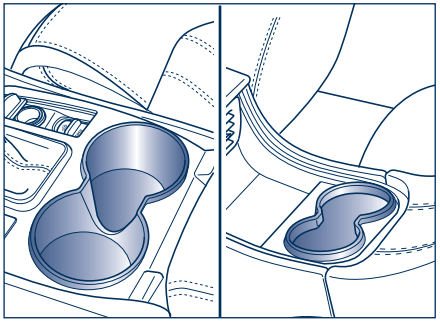
WARNING: The power socket is powered only when the key is turned to **MAR** and it can only be connected to devices with a power absorption of 15A maximum (180W power). Do not connect devices with a higher power absorption to the power socket. A prolonged power absorption can discharge the battery, preventing the engine from being started once again.

Front and rear beverage holders on centre console

The front one is positioned behind the gearshift lever and the rear one on the centre console between the two seats.







Glove compartment

The glove compartment is positioned in the lower part of the dashboard on the passenger's side, and can be opened by lifting the handle with lock **L**.
The glove compartment is equipped with a courtesy light that turns on automatically when the compartment door is opened and turns off when it is closed.

To help ensure passenger safety, the compartment must always remain closed while driving.

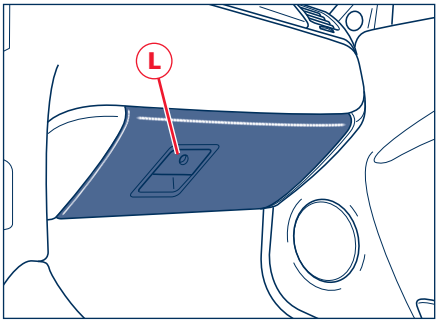
WARNING: Do not place objects weighing over 10 kg (22 lb) in the glove compartment.

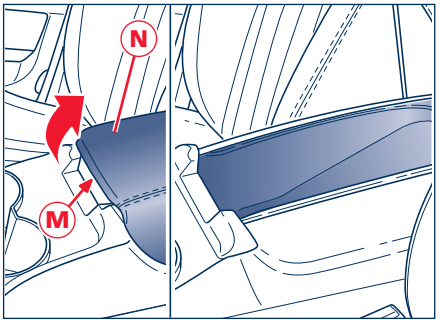
Storage compartment

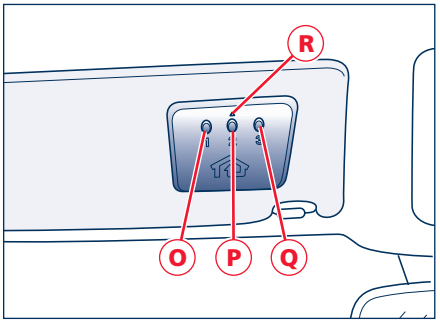
A storage compartment is located inside the front armrest.
To access the compartment, lift the armrest **N** while pushing the inside handle **M**. To close the compartment, lower the armrest until the snap lock clicks.

HomeLink (optional)

This system allows you to control automatic gate and garage door opening devices, as well as lighting or alarm systems from inside the vehicle. Programmable directly on the transmitting station by means of the original remote controls for the devices to be controlled, it is compatible with the existing systems. The control and programming panel is composed of three buttons: **O**, **P**, **Q** and a LED **R**.







Customer Service

If you have any problems with configuring and programming the HomeLink system or if you would like to know what devices can be connected to it, call the toll-free number 008000 466 345 65 or visit the Web site: www.eurohomelink.com.

Safety Precautions

For using the HomeLink feature, follow the instructions and safety indications given in the User Manual that the manufacturer must provide together with the device to be controlled. If you do not have this manual, request it from the supplier.
Before opening or closing a gate or door make sure that the procedure can be performed in thorough safety, i.e. make sure that you can see the whole range of action of the gate or door and also check that there are no persons, animals or other objects within this range.

General information

While programming HomeLink, it is advisable to disconnect the drive motor of the gate/door to be remote-controlled, since the numerous driving pulses launched for this operation might damage it.
If the battery fails or is disconnected, the stored settings are not deleted.
If the gate/door was manufactured prior to 1982 (not equipped with safety systems or automatic stop in the event of an obstacle in the range of action), the gate/door cannot be controlled by HomeLink.
For more information in this regard, please contact the Customer Service.

Configuration according to the country of use

The system is normally set to the operating mode for the country where the vehicle is sold.
Procedure for selecting the country of operation:

1. press and hold buttons **O** and **Q**;
2. after approx. 20 seconds the LED **R** starts flashing, indicating that all the three programmable channels have been reset;
3. hold down buttons **O** and **Q** until the LED goes off (about 10 seconds) then release the buttons;
4. again press buttons **O** and **Q**;
5. after one second, press button **P**; when it is released, the LED **R** starts flashing; the number of flashes shows the operating mode for the country (see the table “Countries of Operation”);
6. press button **P** when reaching the number of flashes corresponding to the relative country.

At the end of the flashing cycle (4 flashes), the flashing sequence restarts from scratch.

"Countries of Operation" table

No. of LED flashes	Mode	Countries covered
1	Rest of Europe	A, B, CZ, CY, DK, FIN, D, GBZ, GR, H, IRL, IS, L, M, NL, N, PL, DOM, P, SK, E, S, CH, FL, ZA, UAE, RCH, EST, LT, SLO, RUS, LV
2	France	F, KWT, MC
3	United Kingdom	GB, KWT, SA
4	Italy	I, AUS, HKJ, AND

Programming

- Press and hold buttons **O** and **Q**.
- After about 20 seconds, the LED **R** starts flashing.
- Release the buttons.
- Hold the remote control for the device to be controlled close to the HomeLink control panel (0-30 cm/ 0-12 in).
- Simultaneously press and hold the button on the hand-held remote control and one of the three HomeLink buttons **O**, **P** or **Q**.
- Successful programming is signalled by the LED **R** flashing faster.
- Release the buttons.

To program the other buttons, repeat the operations skipping the first three steps.

Use

- When the signal of the device to be activated reaches its operating range, press the dedicated HomeLink button.
- The LED **R** remains on while the signal is being transmitted.

The devices controlled through the HomeLink function can always be activated using the original remote controls.

Should the so programmed HomeLink not activate the system to be controlled, this may be due to the fact that this system is controlled by a remote control with an alternate code.

An alternate activation code can be recognised in the following ways:

- consulting the instruction manual provided with the device to be controlled;
- despite the fact that the HomeLink programming procedure has been carried out correctly, the HomeLink function does not activate the device;
- holding the dedicated HomeLink button pressed down, the LED briefly flashes fast and then remains on for 2 seconds; this sequence is repeated for about 20 seconds.

Programming devices controlled by alternate code

- Locate the specific setting button by consulting the user manual of the system to be controlled. This button is normally located on the motor which drives the device.
- Press the button and, in normal conditions, a LED will illuminate.

WARNING: normally, after this operation you have 30 seconds to start the next one.

- Briefly press the HomeLink button you have chosen to control the device.
- Press it a second time; when it is released the operation should be completed. For some types of motors, the button might have to be pressed a third time.

Reprogramming an individual button

If you wish to program activation of a new system on an already used HomeLink button, proceed as follows:

- press and hold the HomeLink button selected;
- after about 20 seconds, the LED **R** starts flashing; hold the button down;
- hold the original remote control of the device to be controlled close to the HomeLink control panel (0-30 cm/0-12 in);
- press and hold the button on the original remote control;
- successful programming is signalled by the LED **R** flashing faster;
- release both buttons.

The system previously programmed on HomeLink has thus been replaced with the new programming and is ready to be used.
This operation has no impact on the other HomeLink buttons.

Deleting the programmed buttons

Unlike programming, which is performed for each individual button, all three buttons are deleted simultaneously.
To delete proceed as follows:

- press and hold buttons **O** and **Q**;
- after about 20 seconds, the LED **R** starts flashing;
- release the buttons.

WARNING: It is advisable to perform the HomeLink deletion procedure when selling the vehicle.

Before you drive

Doors	88
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Doors

Before opening a door, make sure the manoeuvre can be performed safely.

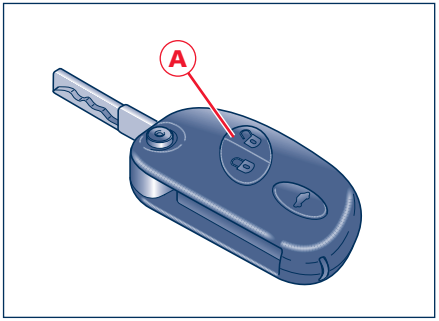
Opening from the outside

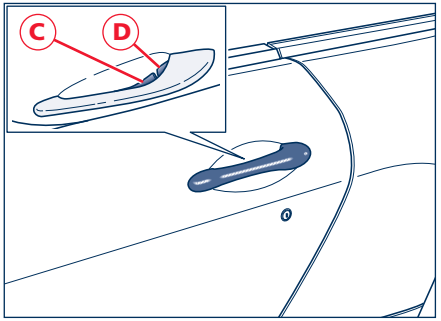
Turn off the alarm system and the centralised door locking system by pressing button **A** on the radio control (see chapter "Electronic alarm system device", page 99) or insert and turn the key in the lock on one of the front doors. To open the door, press button **C** inside each handle.
The vehicle is equipped with power locks which move the mechanical parts during when pressing this button.

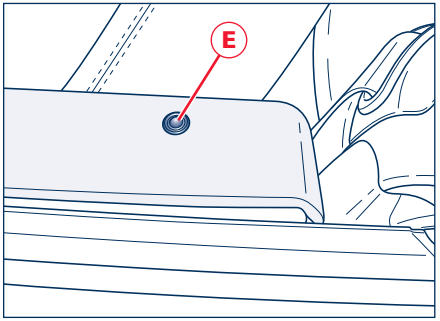
As these are electric locks, a slight pressure on the button will unlock the doors.
In the event of an emergency (dead battery or electric system failure) to open the doors, with the locks released, press button **D**. Otherwise, if the doors are locked, you must release them by turning the key in the lock to open them, then press button **D.**
In this case, being a conventional mechanism, hold button **D** pressed down longer.

On the door panels, in a position which is visible from the outside, there is a dual-colour (green/red) LED **E** which indicates the status of the locks (locked/unlocked). The red LEDs illuminate for 3 seconds after the locks are engaged and the green LEDs for the same amount of time when they are unlocked.

WARNING: The door LEDs remain illuminated for approximately 3 seconds and therefore, in normal conditions, they are off.







When the alarm system is turned on and the doors are locked, the LEDs on the doors flash.
The remote control allows you to operate the centralised opening of all the doors or of the driver's door only, depending on the Multi Media System settings.
If one or more doors are not properly closed when locking the doors from the outside, they will not be locked, while if the luggage compartment is not properly closed, the doors will in any case be locked.
In both cases, the malfunction will be indicated by the direction indicators flashing for a few seconds.

WARNING: The interior door locking/unlocking, luggage compartment lid opening and fuel tank door opening buttons are disabled when the doors are locked from the outside.

WARNING: In the event that the inertia switch activates, the doors are electrically unlocked and the vehicle can be accessed by pressing button **D**.

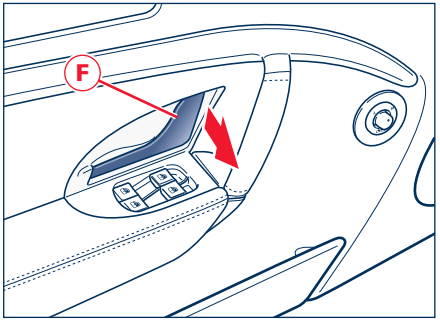
Opening from the inside

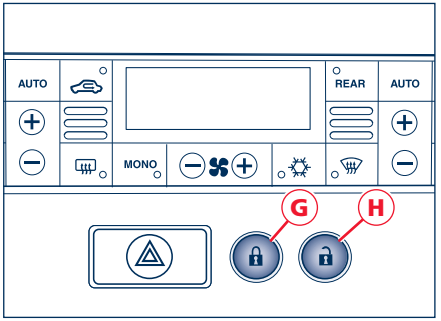
To open the door, even if the lock is engaged, pull the internal handle **F**.
There are two buttons on the front central dashboard, which operate the door locking and unlocking functions:
G - door locking;
H - door unlocking.

WARNING: By pulling the internal handle on the driver's door, all the locks can be released at the same time or just the driver's door, depending on how the Multi Media System settings.

Door open warning lights

If the doors and the engine/luggage compartment lids are not closed properly, this is signalled by the illumination of relative symbols on the instrument panel display, accompanied by the messages "Door open" or "Doors open".



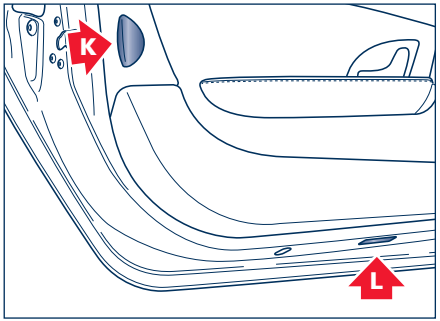


Door lock ECU initialisation

Every time the battery is connected or a fuse replaced, you must perform the system initialisation procedure to ensure proper system operation. To perform this procedure, lock and then unlock the doors using the door remote control.

Door open indicator

Each door is provided with a reflector **K** fitted on the lower side of the door panel.



Door courtesy light

Each door panel is fitted, on the lower side, with a courtesy light **L** to illuminate the area where passengers enter/exit the vehicle.

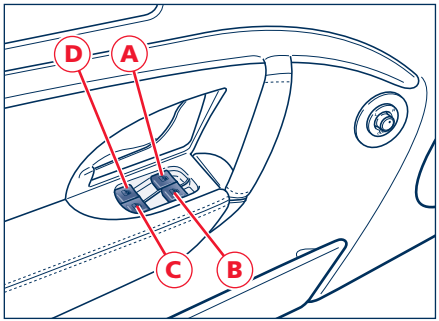
Gearshifting is always active and may be performed even when one or more doors, the engine compartment lid or the luggage compartment lid are open. Therefore, in these conditions, take great care to avoid moving the gearshift lever and so accidentally engage gears.

Electric windows

Controls

The electric windows can only be activated when the ignition key is in the **MAR** position.
The controls for all electric windows are located in the armrest of the door on the driver's side; the door on the passenger side only has controls for the window on the passenger side.
Pressing switch **A** and/or **D** activates the manual/partial or automatic mode of the electric windows on the driver's side:

- pressing the switch briefly activates partial opening/closing;
- if the switch is pressed for longer, the window stops when it reaches the end stop, or when the switch is pressed again.



Pressing switch **B** and/or **C** activates the electric windows on the passenger side in manual mode only when closing, and in manual or automatic mode when opening.

WARNING: If the electric window is activated when the door is open, the window stops before the upper limit so as not to interfere with the seal when the door is closed.

When the door is opened, the window is automatically lowered slightly; when the door is closed again, the window is automatically raised. Always ensure that passengers (especially children) are clear of the windows when opening/closing the doors.

WARNING: Failure of the hood temporarily (for approx. 10 mins) prevents movement of the electric windows. Once this period has elapsed, the windows function normally.

Improper use of the electric windows can be dangerous. Before and during their activation, ensure that passengers are not in danger from the moving window or from personal items being caught or hit by the window. When leaving the vehicle, always remove the ignition key to prevent the electric windows from being accidentally activated: this could endanger any passengers remaining in the vehicle.

Leaving children in the parked vehicle with the windows closed is dangerous: the temperature inside can rise rapidly.

WARNING: Before disconnecting the battery, lower the side windows by at least 4-5 cm (1-2 in) to avoid damaging the seal when opening and closing the door. When the battery is connected, this operation is performed automatically when the door is opened and closed. The windows must remain lowered until the charged battery is reconnected. If the battery is completed discharged when the windows are fully raised, only open the door if absolutely necessary, doing with the utmost care; do not close the door again until it is possible to lower the window.

Engine compartment lid

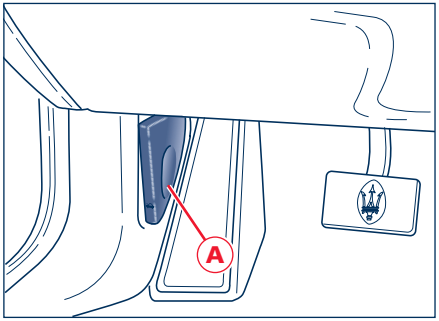
To unlock the engine compartment lid, pull the lever **A** found in the lower, left-hand side of the dashboard.

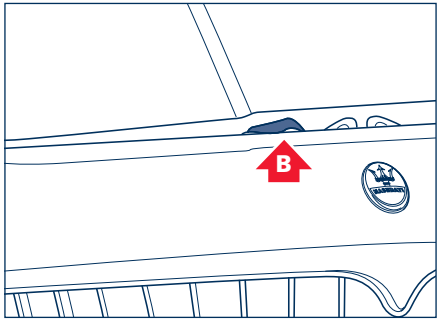
Disengage the safety latch by lifting lever **B** shown in the figure.
Lifting the lid: this operation is facilitated by two gas struts.
The engine lid positions itself at the maximum opening position and does not require support stays.

To close the engine lid: lower it to about 20 cm (8 in) from the engine compartment and let it drop: it will close automatically.

Always check that the engine lid is properly shut so that it does not open while driving.

Gearshifting is always active and may be performed even when one or more doors, the engine compartment lid or the luggage compartment lid are open. Therefore, in these conditions, take great care to avoid moving the gearshift lever and so accidentally engage gears.





Luggage compartment

The luggage compartment lid can be opened from inside or outside the vehicle. Button **A**, which opens it from inside, is located to the left of the steering wheel; it can only be operated when the ignition key is removed or turned to **STOP** and **ACC**.
To open the luggage compartment lid from outside, press button **B** on the ignition key: this opens the lock and the lid rises slightly.
To open the lid from the outside when the alarm is deactivated and the key is inside the vehicle, simply press the button underneath the license plate light frame.

To avoid accidental activation while the vehicle is moving, it is only possible to open the luggage compartment when the ignition key is removed or turned to **STOP** and **ACC**.
Two gas struts facilitate the lid opening. The struts are calibrated to ensure they function correctly with the weights specified by the manufacturer. The arbitrary addition of objects (spoiler, luggage rack etc.) may impair the lid's correct operation and safety.

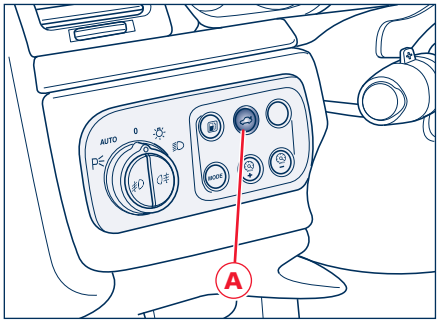
When using the luggage compartment, never exceed the maximum loads allowed (see section on "Capacities and Technical Specifications"). Also check that the objects contained in the luggage compartment are arranged properly.

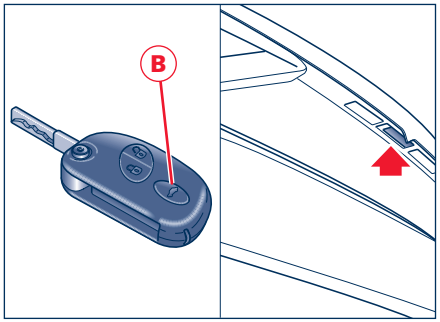
The luggage compartment is illuminated by a light that comes on automatically when the lid is opened; switching off is timed.
If the luggage compartment lid is left open, the light switches off after a few minutes. To turn it on again, close the lid and then reopen it.

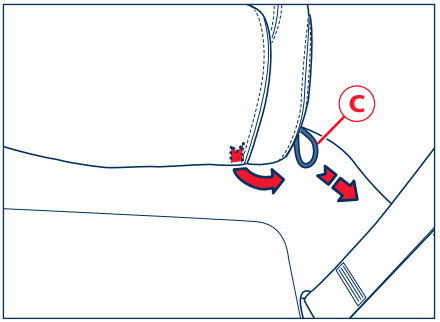
WARNING: The soft top automatic movement is disabled when the luggage compartment is open.

Emergency opening

If necessary, the lid can be opened by pulling the small cable **C** located underneath the rear seats.







Fuel tank door

The fuel tank door is found on the rear, left-hand side of the vehicle. To open the door, press button **A** on the left of the steering wheel.
It can be operated only when the ignition key is removed or turned to **STOP**.
The tank 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.
When refuelling, the cap must remain attached to the door by means of the hook provided **B**.

The cap is linked to the filler neck with a strap, to prevent it from being lost while refuelling.
The fuel tank door must be closed manually.
Before closing the fuel tank door, check that the filler cap is fully tightened.

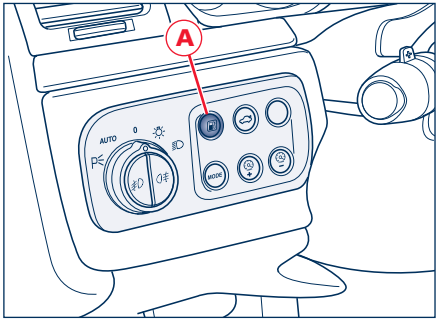
Never bring open flames or lit cigarettes close to the filler: risk of fire!

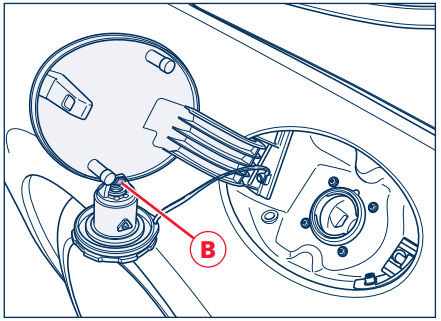
Also avoid putting your face close to the filler so as not to inhale noxious fumes.

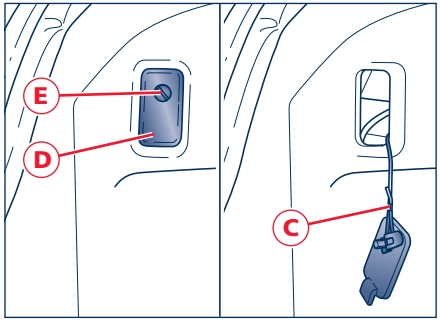
Fuel tank door emergency opening

If necessary, the fuel tank door can be opened by pulling the small cable **C** inside the luggage compartment.

To reach the cable, you must remove the small panel **D** turning the screw **E** by a quarter of a turn.



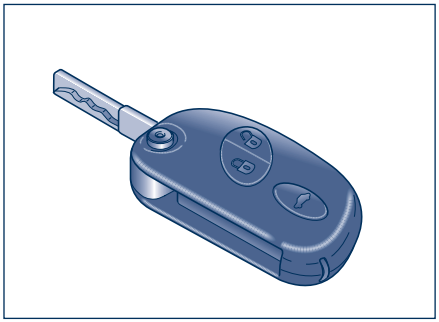




Keys

The Maserati CODE system

In order to increase protection against theft, the vehicle is equipped with an electronic engine immobilizer system (Maserati CODE), which is automatically activated when the ignition key is removed.
Each starter key contains an electronic device which transmits a code signal to the Maserati CODE control unit, and engine ignition is enabled only if the key code is recognised by the system.
Two keys are supplied with the vehicle.



The key is used for:
- starting the engine;
- activating the central door locking system;
- deactivating/activating the passenger airbag (on vehicles equipped with manual deactivation system);
- opening the luggage compartment lid electrically;
- activating/deactivating the alarm system;
- locking/unlocking the glove compartment.

Using the key, you can control the soft top opening/closing strategy referred to as "Summer open".

Summer Open

Opening

With the soft top fully closed:
- insert the key in the driver's door lock;
- turn the key clockwise until unlocking the doors and hold it in this position. The automatic soft top opening cycle will begin after approx. two seconds;
- do not move the key for the entire opening cycle.

WARNING: The cycle can be interrupted at any time, moving the key back to its initial position.

Closing

With the soft top fully open:
- insert the key in the driver's door lock;
- turn the key counterclockwise until locking the doors and hold it in this position. The automatic soft top closing cycle will begin after approx. two seconds;
- do not move the key for the entire closing cycle.

WARNING: The cycle can be interrupted at any time, moving the key back to its initial position.

These operations are performed with the engine off. This involves an extremely high power consumption, which causes the battery to discharge faster.

Operation

Each time the ignition key is removed the from the **STOP** position, the protection system activates the engine immobilizer.
When the engine is started and the key is turned to **MAR**:

1) If the code is recognized, the warning light CODE on the instrument panel turns off within a second, while the EOBD warning light, once the ECU diagnosis has been completed, goes off after about four seconds. In these conditions, the protection system recognises the key code and deactivates the engine immobilizer. When the key is turned to **AVV**, the engine starts.

2) If the CODE warning light remains on and the EOBD warning light goes off after four seconds (ECU diagnostics) and illuminates again immediately afterwards, the code has not been recognised and the message "Electronic key not recognised" is displayed. If this occurs, turn the key to **STOP** and then back to **MAR**; If the immobilizer stays on, try with the other keys. If you still cannot start the engine, try the emergency start procedure and contact the **Maserati Service Network**.

While driving, with the ignition key in position **MAR**:

1) If the CODE warning light comes on, it means that the system is running a self-diagnostic cycle. At the first stop you can test the system: turn the ignition key to **STOP** the engine and then back to **MAR**: the CODE warning light will illuminate and should turn off in one second. If the warning light stays on, repeat the procedure described previously leaving the key at **STOP** for more that 30 seconds. If the problem persists, please contact the **Maserati Service Network**.

2) If the CODE warning light flashes, it means that the vehicle is not protected by the immobilizer device. Immediately contact the **Maserati Service Network** to have all the keys stored in the memory.

WARNING: Strong impacts can damage the electronic components in the key.

WARNING: Each key supplied has its own specific code, which must be stored in the memory of the system control unit.

Duplicating the keys

When ordering additional keys, remember that the storage procedure (up to maximum of 7 keys) must be performed for all the keys, including those already in your possession. Contact the **Maserati Service Network** directly, bringing with you all the keys in your possession, the Maserati CODE system CODE CARD, the electronic alarm system CODE CARD, a personal ID and the identification and registration documents proving ownership of the vehicle. The codes of any keys that are not available when the new storage procedure is performed will be deleted from the memory to prevent any lost or stolen keys being used to start the vehicle.

Emergency starting

If the MASERATI CODE fails to deactivate the engine immobilizer, the CODE warning light will illuminate permanently, accompanied by the message "Electronic key not recognised", while the EOBD warning light will go off after four seconds to turn on again immediately afterwards: the engine will not start. The engine can only be started with the emergency procedure.

WARNING: It is recommended to read the whole procedure through carefully before performing it. If you make a mistake, you should turn the ignition key to **STOP** and repeat the operations from step 1.

1) Read the 5-digit electronic code found on the CODE CARD.

2) Turn the key to **MAR**: at this moment the CODE and EOBD warning lights are on.

3) Press the accelerator pedal and hold it down. Approximately 8 seconds later, the EOBD warning light will go off. Release the accelerator and get ready to count the number of times the EOBD warning light flashes.

4) As soon as the displayed number of flashes is equal to the first digit of your CODE CARD, depress the accelerator pedal and hold it down until the EOBD warning light goes off, after being lit on for approximately 4 seconds; then release the accelerator pedal.

5) The EOBD warning light starts flashing again. As soon as the displayed number of flashing is equal to the second digit of your CODE CARD, press down the accelerator pedal and hold it.

6) Proceed in the same manner for the remaining digits in the code on the CODE CARD.

7) When the last digit has been entered, hold the accelerator pedal pressed down. The EOBD warning light comes on for 4 seconds and then goes off; you can now release the accelerator pedal.

8) A quick flashing of the EOBD warning light (about 4 seconds) confirms that operation has been performed correctly.

9) Start the engine by turning the key from position **MAR** to position **AVV**.

If the EOBD warning light remains on, turn the key to **STOP** and repeat the procedure from step 1. This procedure can be repeated an unlimited number of times.

WARNING: After an emergency staring, you should contact the **Maserati Service Network,** otherwise you will have to perform the emergency procedure every time the engine is started.

Ignition switch

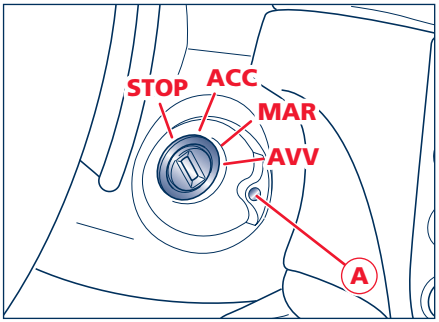
The ignition key can turn in 4 positions:

STOP - Engine off, engine immobilizer and steering wheel lock activated, connected devices disabled, apart from those that are not key-controlled (e.g. centralized door lock, luggage compartment opening, etc.). The key is removable.

ACC - Steering lock release position.

MAR - Driving position. All electrical devices can operate.

AVV - Engine starting.



When you get out of the vehicle, always remove the key to prevent someone from accidentally activating the controls.

WARNING: The ignition key can be removed from the switch only when the gearshift lever is in position **P** (see page 146). If the gearshift lever is shifted to **P** after turning off the engine, the key can only be removed within 30 seconds from turning it to **STOP**. If you do not remove the key within 30 seconds, you will need to turn it back to **MAR** and then to **STOP** to have a further 30 seconds within which to remove the key.In the event that the key unlocking system fails or if it is not possible to shift the gearshift lever to **P**, to remove the key you must turn it to **STOP**, then remove the cap **A** using a pen or sufficiently pointed tool, then press the button just uncovered and at the same time extract the key. Once the key has been removed, refit the cap **A**.

After stopping the vehicle, always shift the gearshift lever to P.

In the event of tampering with the starter switch (e.g. attempted theft), have it checked by the Maserati Service Network before restarting the vehicle.

If the automatic electric parking brake function is deactivated, remember to apply the parking brake manually.

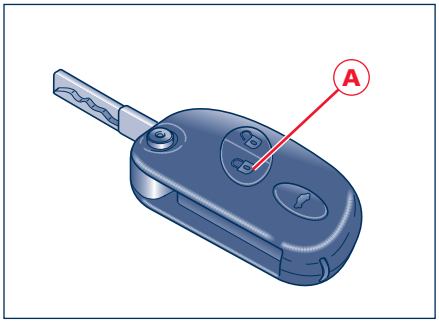
Never leave children unattended in the vehicle.

Electronic alarm system device

The electronic alarm system has the following functions:

- remote control of the centralised door locking/unlocking system;
- perimeter surveillance, detecting the opening of doors, front and rear lids;
- passenger compartment surveillance, detecting intrusions;
- vehicle movement surveillance.

WARNING: The engine immobilizer operation is guaranteed by the Maserati CODE system, which is automatically activated when the ignition key is removed from the ignition switch.



Activation

Press button **A** on the key to activate the alarm system:

- the direction indicators flash once
- the system beeps;
- the red LEDs on the front door panels flash;
- the vehicle centralised door locking is activated and the doors are locked.

The system becomes operative after approximately 25 seconds and the alarm is activated when:

- a door is opened;
- the luggage compartment lid is opened;
- the engine compartment lid is opened;
- someone attempts to enter the vehicle from a window;
- the power supply is disconnected
- the siren is disconnected;
- the vehicle is moved.

When the electronic alarm is active, the user may request the luggage compartment opening; in this case, the anti-intrusion and anti-lift sensors are temporarily deactivated.
If the luggage compartment lid is then closed, the sensors will be reactivated.

Should the direction indicators flash 9 times when you activate the alarm system, this means that one of the doors or lids is not properly closed and therefore is not protected by the perimeter surveillance. Check for correct closing of doors, engine/luggage compartment lids and close the open one without deactivating the alarm system: the direction indicators flashing once indicate that now the door, engine/luggage compartment lids are closed properly and are protected by the perimeter surveillance.

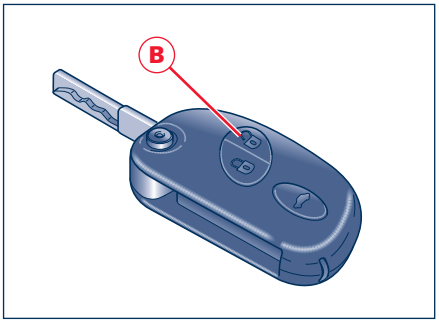
WARNING: If the direction indicators flash 9 times when the alarm system is activated with doors, front and rear lids properly closed, this means that the self-diagnostic function has detected a malfunction in the system and that you should contact the **Maserati Service Network** to have the system checked.

Deactivation

Press button **B** on the key to deactivate the alarm system:

- the direction indicators flash twice;
- the system emits a double beep;
- the red LEDs on the front door panels turn off;
- the centralised door locking system is activated and the doors are unlocked.

The alarm system is off and it is therefore possible to get into the vehicle and start the engine.



Pressing button **B** twice unlocks the doors and also switches on the low beams for 30 seconds.

WARNING: The alarm system is not deactivated when the key is turned in the locks.

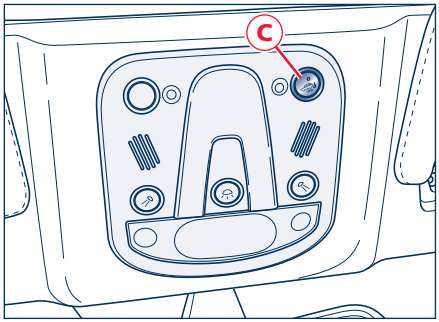
Getting into the vehicle when the alarm system is on

When the remote control battery is flat, to access the vehicle you must insert the key in the lock on one of the two front doors and turn it clockwise to unlock it: the alarm will sound but you will have to continue with the normal starting procedure. The alarm will turn off.

Anti-intrusion and anti-lift alarm device deactivation.

The anti-intrusion/anti-lift alarm device may be deactivated by pressing the button **C**, on the roof panel, when the key is on **MAR** or within one minute from turning the engine off (key at **STOP**). Deactivation is signalled by the LED on the button flashing for 3 seconds.

WARNING: deactivation of the anti-intrusion and anti-lift protection devices remains memorised until the next alarm system activation. Therefore, if these protection devices are deactivated but the alarm system is not activated within a very short time, their deactivation will remain stored until the next system activation, regardless of wether the vehicle is turned on or off.



Alarm memory

If the warning light appears on the display when the vehicle is started, accompanied by the message "Break-in attempt detected" this means that an intrusion has been attempted during your absence.

The alarm system memory is reset when you turn the ignition key.

Ministerial homologation

The electronic alarm system device is compliant with the legislation applicable in all countries where laws covering radio frequencies are provided.
The homologation number can be found at the end of this manual, before the table of contents.
For those markets that require the transmitter and/or receiver marking, the homologation number is found on the component.

Ordering extra radio operated controls

To purchase new keys with radio control, exclusively contact the **Maserati Service Network**, bringing with you:

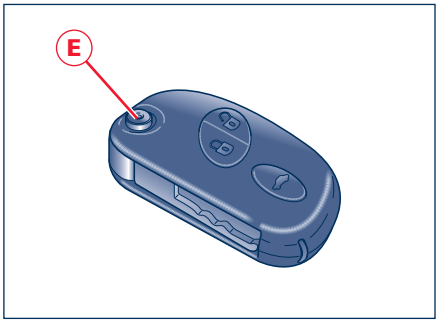
- all the keys with radio control in your possession;
- the Maserati CODE system CODE CARD;
- the electronic alarm system CODE CARD;
- your identity card;
- the identification and registration documents proving ownership of the vehicle.

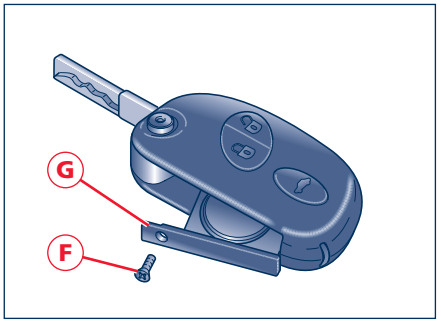
WARNING: The radio controls not handed over for the new code storage procedure will automatically be deactivated in order to prevent any lost or stolen radio controls from being used to deactivate the electronic alarm system.

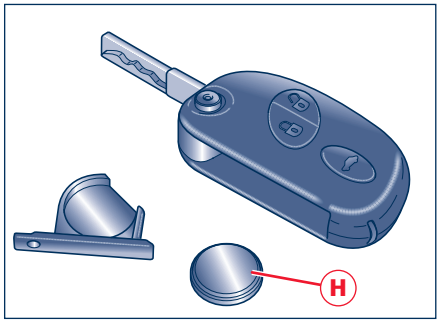
Replacing radio operated control batteries

If you press one of the three buttons and this does not activate the corresponding function, before replacing the batteries, check for correct operation of the alarm system functions using the other remote control.
To replace the remote control battery:

- extract the key by pushing the button **E**;
- undo the screw **F**;
- extract the battery holder **G**;
- remove the battery **H** from its retaining ring;
- fit a new battery of the same type, observing the indicated polarity;
- fit the battery support **G** into the remote control and secure it by tightening the screw **F**.



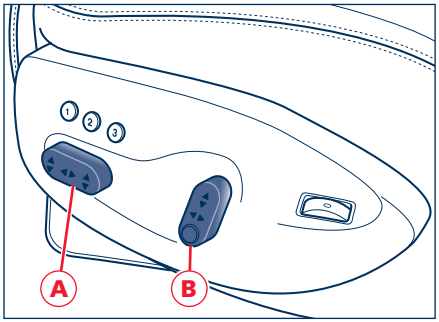




Front seats

Only adjust the seat when the vehicle is stationary. You could lose control of the vehicle while driving. Moving the seat could distract you or make you press a pedal unintentionally. Adjust the driver's seat only when the vehicle is stationary.

The seats can only be adjusted with the ignition key in position **MAR**. It is however possible, when the door is closed, to operate the seat for approx. 15 seconds after turning the ignition key to **STOP** and then for other 15 seconds after the last operation.



Back/forward adjustment

Push control **A** on the outer side of the seat, forward or backward.

WARNING: On vehicles equipped with a fire extinguisher (supplied on request), forward movement of the passenger seat is limited in order to prevent interference with the fire extinguisher.

Height adjustment

Grip lever **A** at the centre and push it down or up.

Seat angle adjustment

- Front of seat: move the front end of control **A.**
- Rear of seat: push the rear end of control **A.**

Seatback inclination adjustment

Push lever **B** forward or backward to raise or lower the seatback.

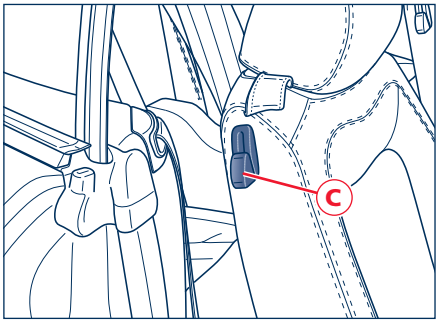
Lumbar support adjustment

Push lever **B** up or down to the most comfortable position.

Seatback tilt

To tilt the front seatback, lift lever **C** and move the backrest forward.
To facilitate access to the rear seats or exiting the vehicle, the front seats are equipped with "Easy Entry" system (only active when the door is open), which moves the seats forward automatically when the seatback is reclined forwards, and returns them to their original position when the seatback is tilted back again.

WARNING: The system (excluding the seat with position memory) 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.

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.

Comfort Pack (optional)

This includes the installation of the following systems inside the seats:

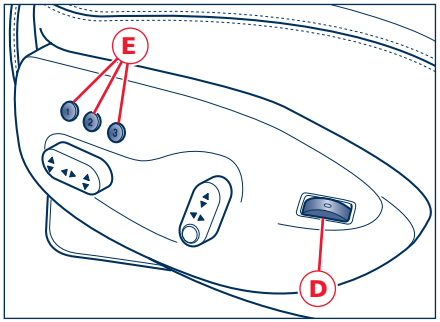
Heating system

The heating is activated by turning control **D**. Two heating pads are used to heat the seat. When this function is active for one or more seats, the relative warning light will illuminate on the display.
Using control **D**, heating can be adjusted to 3 different levels.
When the heating system is activated, the relative function will appear on the instrument panel display.

WARNING: Turn off the heating system when not required, to prevent unnecessary power wastage.

Storing the positions of the seats and external rear-view mirrors

The system allows you to store and recall 3 different positions for the driver's seat and the external rear-view mirrors (buttons **E)**.



The storage procedure is only possible with the ignition key in position **MAR**. Adjust the position of the seat, the external rear-view mirrors and the steering wheel, then engage reverse gear and position the external passenger's mirror again to ensure the best possible visibility for reversing, then disengage reverse gear. Next press one of the three buttons "1", "2" or "3", each corresponding to a memorisable position, for more than 3 seconds until you hear a confirmation tone.
Lumbar support adjustment is not included in the seat position storage procedure.
The memorisation of a new seat position cancels the one previously stored with that particular button.
To recall one of the stored positions with the door open, press the relative button "1", "2" or "3" briefly.
To recall the a stored position with the door closed, press the corresponding button until hearing a tone that confirms the seat has stopped.

WARNING: To stop the seat, press one of the buttons - "1", "2" or "3" -, or one of the adjustment controls.

WARNING: Malfunctioning of the seat control unit is indicated by a sequence of 5 tones emitted when the ignition key is turned to **STOP**: contact the **Maserati Service Network** to have the malfunction corrected.

Each system is independent of the others and can be operated separately using specific buttons for each seat.

System initialisation

Following any power cut-out (e.g. after using the battery master switch or dead battery), check the seats to ensure that they are operating properly when the power supply is available: perform the following procedures on both seats in the event of a malfunction.
With the ignition key in position **STOP**and the door on the side of the seat concerned closed, open the door and begin the following procedure within 5 seconds, then complete it within 10 seconds:

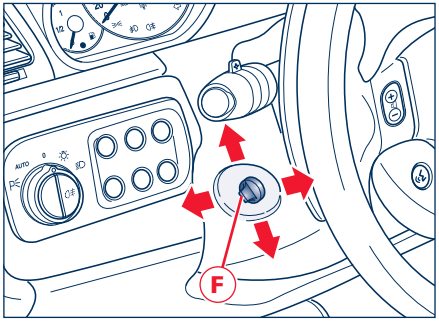
1) forward - STOP;
2) backward - STOP;
3) forward - STOP;
4) backward - STOP;
5) tilt the seatback fully forward and wait until the seat performs two complete travels (forward and backward);
6) move the seatback to its normal upright position.

WARNING: If you need to disconnect the battery, wait at least 30 seconds from the last seat movement.
If you disconnect the battery before, you will have to run the initialisation procedure.

Electrical adjustment of the steering wheel

The steering wheel can be electrically adjusted, both in terms of height and depth.
It can only be adjusted if the ignition key is in position **MAR**.
For adjustment, move control **F** in the four directions.
The steering wheel position is memorised, together with the position of the external rear view mirrors, when the driver's seat position is stored.

Do not adjust the steering wheel when the vehicle is moving.



Driver's Easy Entry/Exit system

The easy entry/exit system helps the driver when entering/exiting the vehicle. When the driver exits the vehicle, the steering wheel moves upward.
This function is activated when the door is opened only if the ignition key has been extracted or is in position **STOP**.
On re-entry the driver finds the steering wheel raised. After sitting down and closing the door, upon turning the key to position **MAR**, the steering wheel moves back to the normal driving positions.
This function is linked to the presence of the seat position memory system.

Rear seats

They can seat two passengers.

Headrest

The headrests are not movable.

Armrest

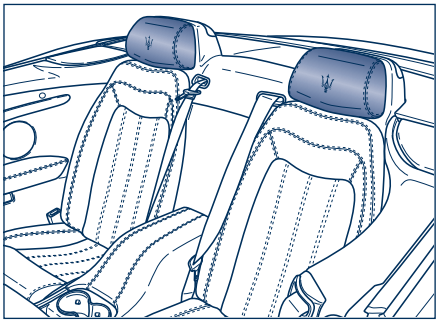
It is located between the two seats and cannot be moved.

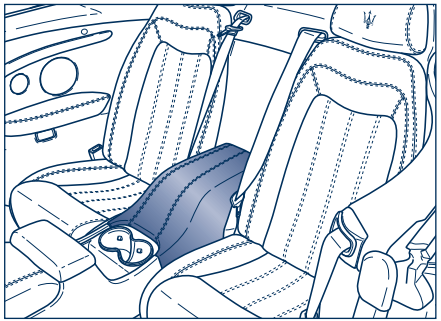
Carrying luggage on the rear seats

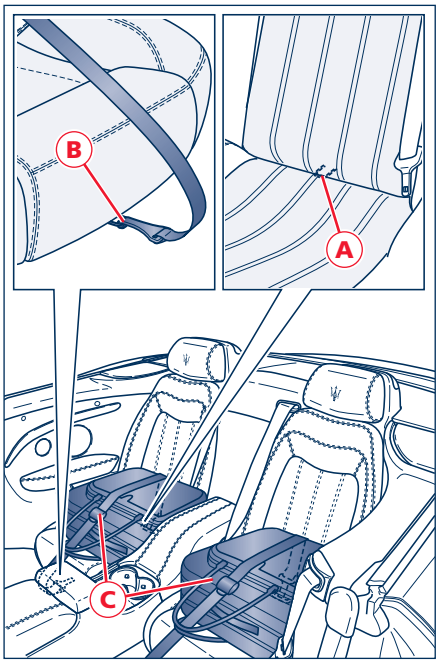
Only light luggage may be transported on the rear seats. In addition, all luggage must be securely anchored on the seats using the tethers provided (upon request).

Installation:

- fasten one end of the tether to the bracket **A**, which is positioned in the centre of the seat, between the cushion and the backrest, then lay the tether vertically on the backrest and on the headrest;
- place the suitcase on the cushion;
- secure the suitcase with the tether, which must be wound all around the suitcase and passed through its handles;
- fasten the other end of the tether to the bracket **B** located underneath the covering at the base of the seat;
- using the buckle **C** tension the tether until the suitcase if firmly secured on the seat.







Rear-view mirrors

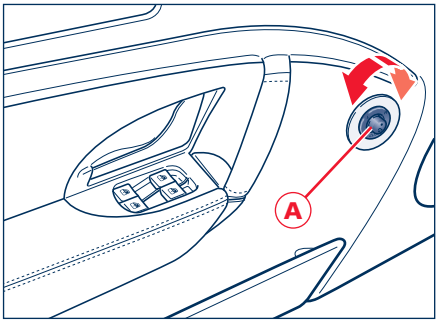
External rear-view mirrors

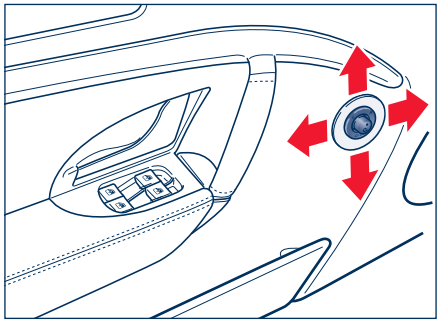
They can be adjusted electrically (with the ignition key turned to **MAR**) and they are equipped with anti-mist elements.

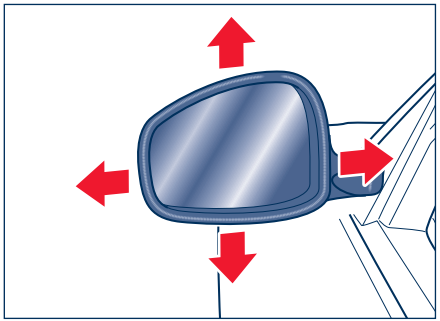
- Mirror selector (right-hand or left-hand): move the selector **A** to the right or left, depending upon the mirror you wish to adjust.
- Mirror positioning: using control **A** you can adjust each mirror with four movements (up – down – right – left). Bring the selector switch back to the centre position to avoid changing the position of the mirror involuntarily.
- Mirror folding: by turning the selector switch **A** to the lower central position, both mirrors fold inwards to facilitate parking in narrow spaces. If the selector switch is returned to the upper central position, the mirrors return to the open position.

The mirrors will yield in both directions in the event of an impact.

The external rear-view mirror position, both for the normal driving direction and for reversing, is automatically memorised together with each seat position.
To memorise a new position of the external rear-view mirrors, turn the ignition key to position **MAR** and adjust the position of the mirrors; then engage reverse gear and position the external mirrors again to ensure the best possible visibility for reversing, then disengage reverse gear.



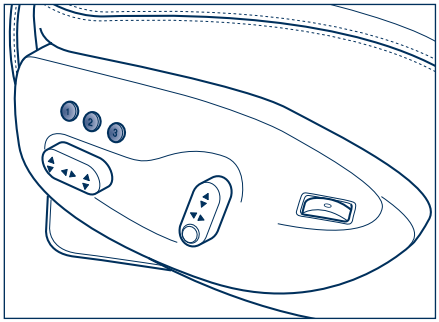




Next press one of the buttons “1”, “2” or “3” on the seat, each corresponding to a memorisable position, until you hear a confirmation tone.
The new position of the external rear-view mirrors will be memorised automatically together with the seat position.
It is also possible to change the position of the mirrors only for the normal travelling direction or for reversing.

WARNING: Never fold or open the mirrors by hand to avoid damaging the power mechanism.

The mirrors must always be in the open position while driving.

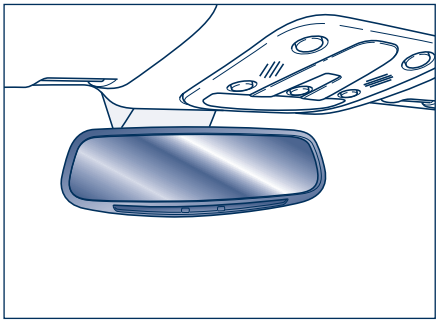


Electrochromic external rear-view mirrors (optional)

The particular feature of these mirrors is that they gradually darken as the intensity of the light increases.

Electrochromic internal rear-view mirror

This can can be manually adjusted and is fitted with an accident-prevention release system that activates in the event of a collision.
The electrochromic rear-view mirror automatically operates an anti-dazzle function by gradually darkening as the light reflected on its surface increases.
This function is automatically deactivated when reversing, to ensure optimal visibility of obstacles.



Steering wheel

The steering wheel can be adjusted in height and depth.

- Move lever **A** to position **1**.
- Adjust the steering wheel.
- Move lever **A** back to position **2** to lock the steering wheel.

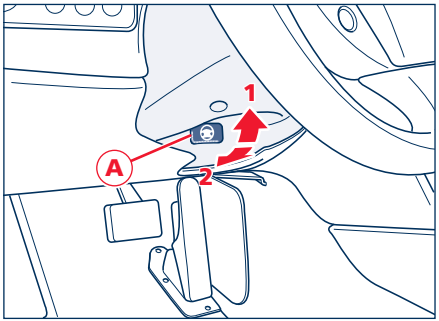
Do not adjust the steering wheel while driving.

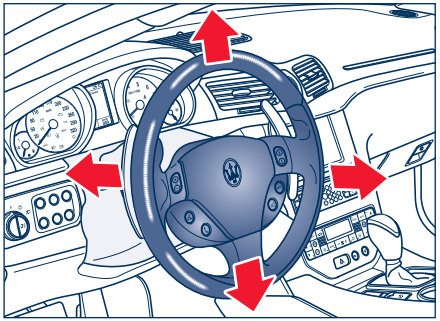
Never remove the steering wheel. If necessary, this operation should only be performed by the Maserati Service Network.

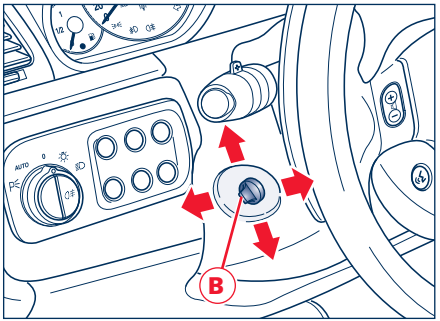
Adjusting the electric steering wheel (included in Comfort Pack on request)

The steering wheel can be electrically adjusted, both in terms of height and depth.
It can only be adjusted if the ignition key is in position **MAR**.
For adjustment, move control **B** in the four directions.
The steering wheel position is memorised, together with the position of the external rear view mirrors, when the driver's seat position is stored.

Do not adjust the steering wheel while driving.







Driver's Easy Entry/Exit system

The easy entry/exit system helps the driver when entering/exiting the vehicle. When the driver exits the vehicle, the steering wheel moves upward.
This function is activated when the door is opened only if the ignition key has been extracted or is in position **STOP**.
On re-entry the driver finds the steering wheel raised. After sitting down and closing the door, upon turning the key to position **MAR**, the steering wheel moves back to the normal driving position.
This function is linked to the presence of the seat position memory system.

External lights and direction indicators

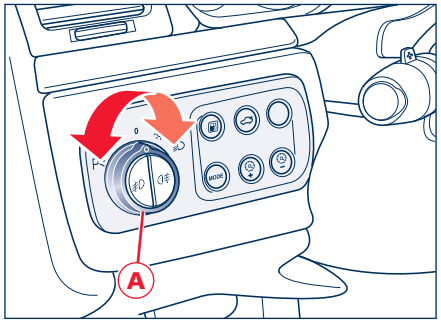
The external lights and direction indicators turn on only with the ignition key in the **MAR** position. Only the parking lights can be turned on at any time.
The external lights can be turned on and off manually or automatically, according to the brightness of the light outside.

Light switch

Switch **A** has 5 positions:
0 – lights off;
– position and number plate lights on;
– low beams on;
– parking lights;
AUTO – automatic activation and deactivation of the external lights, depending on the light outside.

Parking lights

The parking lights only work with the ignition key turned to **STOP**, or **ACC**, or with the key removed.
They are activated by turning the light switch to position .
It is harder to turn the switch to position than to the other positions. This is to avoid activating the parking lights unintentionally and waste power.
When the parking lights are on, the warning light on the instrument panel illuminates.
Operating the direction indicator lever, you can switch on only the parking lights on the side selected with the lever.



Automatic activation/ deactivation

When the light switch **A** is turned to AUTO and the ignition key is in position **MAR**, the position lights, low beam lights and number plate lights turn on and off automatically, depending on the light outside.

WARNING: The high beams can only be turned on manually by pushing the left-hand lever forward.

If the low beams are activated, they will come on automatically every time the lights are turned on. You are therefore advised to turn off the high beams every time the twilight sensor deactivates the external lights.

In foggy conditions during daytime, the position lights and low beams are not activated automatically. The driver must always be ready to turn the lights on manually, including the front and rear fog lights.

WARNING: After the external lights are turned on automatically, it is always possible to turn on the front and rear fog lights manually. When the external lights are turned off automatically, the front and rear fog lights are turned off as well (if active) and the next time the external lights are switched on automatically, only the front fog lights will activate. Therefore, the user will have to turn on the rear fog lights manually if required.

The driver is always responsible for turning on the external lights, depending on the light outside and in compliance with the applicable legislation in the country of use. The automatic system for activating/ deactivating the external lights must be considered an aid for the driver. If necessary, turn the lights on and off manually.

Twilight sensor

The twilight sensor consists of two sensors: a global sensor, capable of measuring the light intensity above and a directional sensor, which measures the light intensity in the vehicle's travelling direction, enabling it to recognise tunnels and driveways.
You can adjust the sensing range of the twilight sensor by means of the Multi Media System, by selecting the "Configuration" mode (see the "Configuration" section in the Multi Media System manual).
In the event of a sensor failure, the system will turn on the low beams and the position lights, regardless of the light outside, and a failure message will appear on the instrument panel display.
The failure indication will be displayed as long as the switch **A** is turned to AUTO.
In this case, we recommend that you deactivate the automatic system and turn on the external lights manually if necessary; contact the **Maserati Service Network** as soon as possible.

Direction indicators

The lever has 3 positions:

B - direction indicators off;

C - lever up: right-hand direction indicators;

D - lever down: left-hand direction indicators.

Lane change function

This function allows you to activate either the right-hand or left-hand direction indicators so that they flash 3 times, without moving the lever to positions **C** or **D**, and then move it back to the standby position, **B**.
To activate this function, you must simply start moving the lever to a different position: if you move it up you activate the right-hand direction indicators, if you move it down you activate the left-hand direction indicators.

This function is useful when overtaking or changing lanes.

High beams

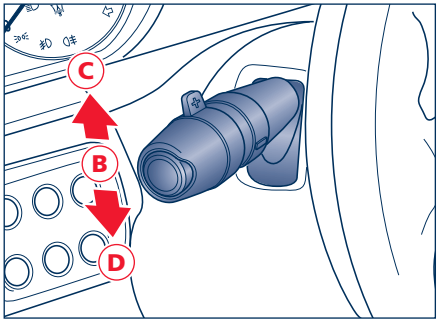
To turn on the high beams with the light switch in position, push the left-hand lever towards the dashboard.
Pull the lever towards the steering wheel again to turn off the high beams and turn on the low beams.

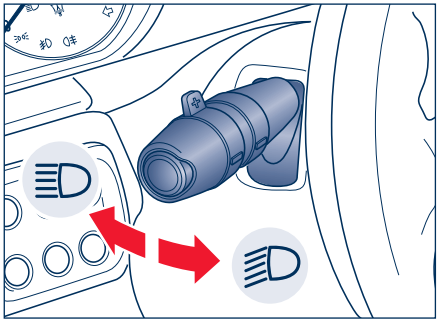
WARNING: For the use of the high beams, follow applicable Driving Regulations.

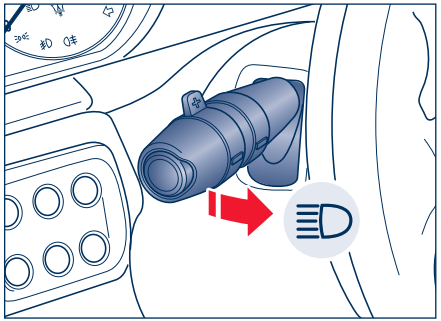
Flashing the headlights

The headlights can be flashed by pulling the left-hand lever towards the steering wheel.
Flashing occurs also with the lights off if the ignition key is in position **MAR**.

WARNING: Flashing occurs with the activation of both FTP (Flash To Pass) high beams. Always observe applicable Driving Regulations to avoid penalties.







“Follow me home” function

This function allows you to set a timing for activation of the position lights and low beams, so that they may remain on for a set time after turning off the vehicle.
This function is activated by pushing the lever on the steering column switch, used to flash the headlights. The position lights and low beams turn on for 30 seconds, the message “Follow me” appears on the instrument panel display for 20 seconds, and the light activation time is displayed.

When this function is active, every time the lever for flashing the headlights is operated, the time the lights remain on is increased by 30 seconds, with a maximum total time of 210 seconds. The display will show the time set.
If the lever for flashing the headlights is operated for more than 2 seconds, the function is deactivated, and the indicator on the instrument panel display goes off.
When the function is active, turning the key back to **MAR** deactivates the system.

Windscreen wipers/ washer and headlight washers

The windscreen wiper and washer only works with the ignition key in the **MAR** position.

Windscreen wiper

The lever has 5 positions:

A - Windscreen wipers off.

B - Automatic operation. In this position the rain sensor adapts the windscreen wiper frequency to the intensity of the rain (lever in the first click position).

C - Slow continuous operation (lever turned to second click position).

D - Fast continuous operation (lever turned to third click position).

E - Fast temporary operation (non-permanent position).

Windscreen washer

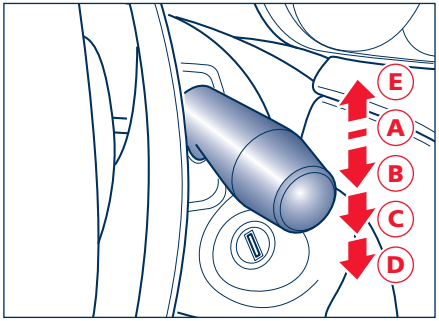
Pulling the lever towards the steering wheel (non-permanent position) activates the windscreen washer. When the windscreen washer is activated, the windscreen wiper starts automatically. Releasing the lever deactivates the windscreen washer, while the blades continue to wipe for a little while.

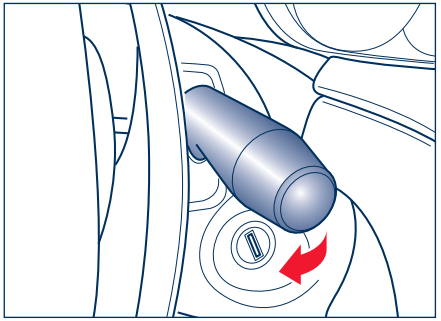
WARNING: Do not activate the windscreen washer during the cold months until the windscreen has warmed up. If it has not warmed up, the liquid could freeze on the glass and block your view.

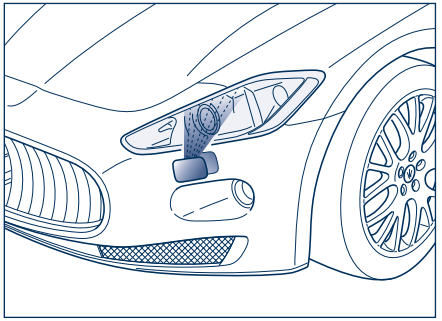
WARNING: If there is ice or snow on the windscreen, do not activate the windscreen wiper to prevent damage to the device.

Headlight washers

The headlight washers are activated automatically when the windscreen washer is started and the external lights are on.
The headlight washer and windscreen washer share the same fluid reservoir, and a low fluid level is indicated by the same warning light on the instrument panel.
The headlight washers are deactivated if the vehicle speed exceeds 120 km/h (75 mph).

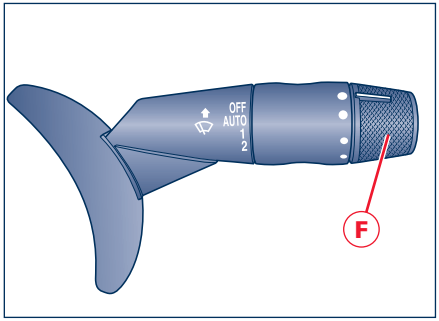






Rain sensor

The function of the rain sensor is to adapt the frequency of the windscreen wiper strokes (in the intermittent operation mode) to the intensity of the rain.
All the other functions controlled by the right-hand lever (windscreen wipers off, headlight and windscreen washer in continuous slow and fast operation mode and in temporary fast operation mode) remain the same.
The rain sensor is activated automatically by moving the right-hand lever to position **B**. The sensor has a setting range that varies progressively: from the windscreen wiper stationary position - when the windscreen is dry - to the windscreen wiper second speed - in conditions of pouring rain.



To regulate the frequency of intermittent operation, with the lever in position **B**, turn the end section **F** of the lever.
Rotating the lever end section clockwise, intermittent operation varies from fast intermittent wipe (max.) to slow intermittent wipe (min).
If the engine is turned off during automatic windscreen wiper operation, with the lever in position **B**, to reactivate the function the next time the engine is started, the lever must be moved to **A** (stop position) then back to position **B**.

Before cleaning the windscreen (for example at the service station) make sure the rain sensor is deactivated or that the key is turned to STOP. The rain sensor must be deactivated also when washing the vehicle by hand or in automatic car washes.

WARNING: If there is ice or snow on the front windscreen, do not activate the rain sensor to avoid damaging the wiper motor.

Sensor failure

When the rain sensor is activated, in the event that it is malfunctioning, the windscreen wiper will be switched on in intermittent operation mode and the sensing range will be set by the user, regardless of whether or not there is rain on the windscreen.
The symbol ! appears on the display.
In this case, we recommend that you cut-out the rain sensor and turn on the wiper, if necessary, in continuous mode. Contact the **Maserati Service Network** as soon as possible.

Soft Top

NOTE: By soft top "opening" we mean folding the soft top into the rear luggage compartment.
By soft top "closing" we mean the opposite.

Precautions

Before opening or closing the soft top, always check that no one is in the way, as impact with the soft top may cause injury. Also check that no objects stand in the way of the soft top, as impact may cause damage to both the soft top and the object.

Before operating the soft top, make sure that no passengers are sitting in the rear seats.

Never operate or act on a soft top that is performing an automatic movement cycle.

WARNING: Do not open the soft top when it is wet, as the damp that would form in the soft top housing might cause permanent damage to the structure or stains or mould in the canvas. Should it need to be opened, do not leave it sitting in the housing for more than a day.

WARNING: Do not open the soft top when it is dirty, as both the canvas and the rear window might be damaged when it is folded.

WARNING: Do not open the soft top if there is ice or snow on it. Should it need to be opened, remove the snow or ice and do not use sharp or pointed objects.

WARNING: Do not place objects on the soft top as they might fall and cause damage and injury when it is moved.

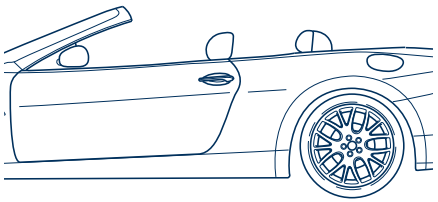
WARNING: Do not place any objects in the soft top housing.

WARNING: Do not fasten roof-racks or similar on the soft top.

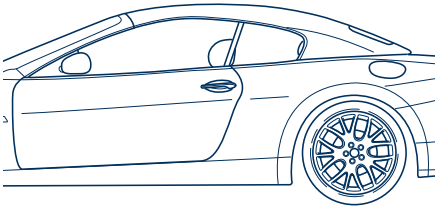
WARNING: When closing the soft top, never start driving before the soft top has completed this cycle and has locked on the windscreen frame.

WARNING: Only open or close the soft top when the vehicle is stationary, otherwise it might not fully open or close. For example, if you start moving the soft top when you are standing at a traffic light and you start driving before the soft top has completed its opening or closing cycle, you can complete the operation by driving slowly (do not exceed 30 km/h - 19 mph) and holding the soft top movement switch pushed until the process has been completed.

Soft top open



Soft top closed



WARNING: If you are driving at high speeds, vacuum might be created in the passenger compartment and the soft top might start “wobbling”; to solve this problem let more air into the passenger compartment.

WARNING: It is advisable to close the soft top when parking the vehicle. This not only protects the passenger compartment against weather agents, but is also a safeguard against theft.

WARNING: If possible, park in the shade as prolonged exposure to the sun will alter the canvas fibre and colour.

WARNING: Before disconnecting the battery, lower the side windows by about 4-5 centimetres (1.6-2 in) to prevent damaging the soft top strip when the doors are opened and closed. When the battery is connected and fully charged, this operation is performed automatically whenever the doors are opened or closed. The windows must remain lowered until the recharged battery is reconnected. If the battery is dead and the windows are fully up, only open the doors when strictly necessary and being extremely careful: do not close them again until the windows can be lowered.

WARNING: Cover the soft top with a protective cloth when it is going to be parked outdoor for a long period of time.

WARNING: The vehicle may not be washed with high-pressure water jet systems, be it a manual nozzle or an automatic car wash with turning rollers.

WARNING: Organic residues must be immediately removed, as they may damage both the soft top fabric and its strips.

WARNING: Do not use solvents, alcohol, petrol or other generic detergents to clean the soft top.

Opening and closing

Before operating the soft top, make sure that no passengers are sitting in the rear seats.

The soft top must be opened and closed with the vehicle stationary and, as a rule, with the engine running at idle speed.

This operation must be performed outdoor. Exhaust gases contain carbon monoxide which is strongly toxic and potentially lethal.

If necessary (e.g. in closed places) the operation can be performed with the engine off and the ignition key at **MAR**. This operation involves an extremely high power consumption, which causes the battery to discharge faster.

Opening

- Operate the soft top movement control **A** moving it back and holding it in this position for the entire opening cycle.

OPENING CYCLE:

- side window lowering; first the front and then the rear windows will lower;
- soft top released from the windscreen frame;
- rear shelf edge raising;
- soft top compartment cover opening;
- soft top folding back inside its compartment;
- soft top compartment cover closing.

The movement cycle can be interrupted at any time by releasing the switch **A**.

If you hold the control pushed and you push it again within two seconds after releasing it, when the soft top has reached its target position the system will automatically close all the windows.

Closing

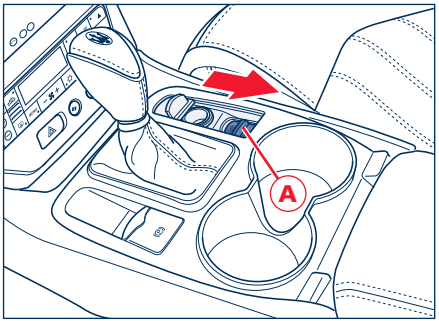
- Operate the soft top movement control **A** pushing it forward and hold it in this position for the entire closing cycle.

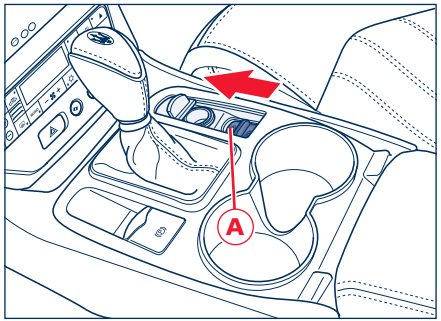
CLOSING CYCLE:

- side window lowering; first the rear and then the front windows will lower;
- soft top compartment cover opening;
- soft top unfolding;
- soft top rear edge lowering on the rear shelf;
- soft top locking on the windscreen frame.

The movement cycle can be interrupted at any time by releasing the switch **A**.

If you hold the control pushed and you push it again within two seconds after releasing it, when the soft top has reached its target position the system will automatically close all the windows.



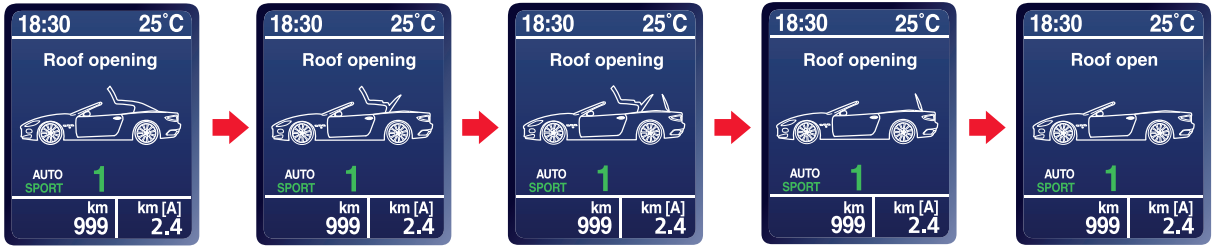


During the soft top opening and closing cycles, the progress is shown on the display.

Before operating the soft top, make sure there is sufficient space for it to open/close safely and that there are no obstacles or persons in the vicinity of the moving parts, and that nobody acts on the soft top. In case of hazard, release the soft top control switch, which stops its movement. Keep your hands away from the soft top levers, the soft top compartment and the upper edge of the windscreen.

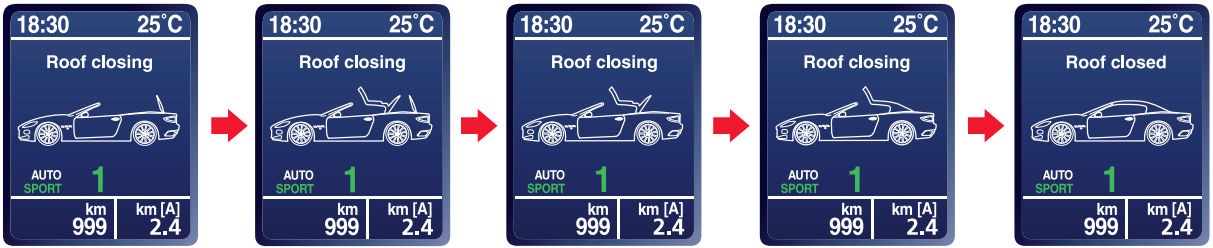
WARNING: At the beginning of the soft top opening or closing cycle, always ensure that the door windows have lowered automatically. If not, release the soft top movement switch.

OPENING CYCLE



- control moved back
- soft top front edge raising
- soft top rear edge raising
- soft top compartment opening
- soft top folding back

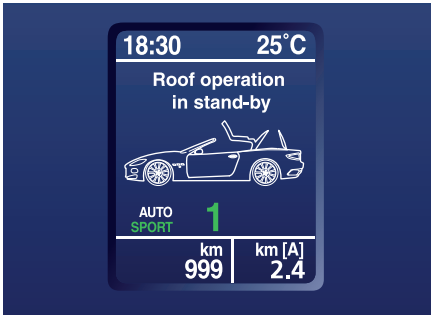
CLOSING CYCLE



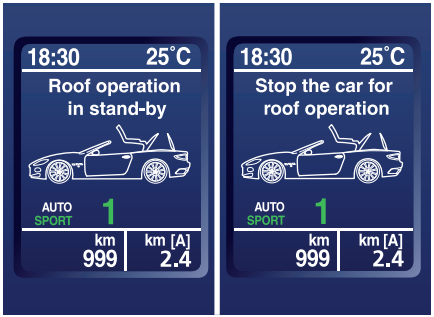
- control moved forward
- soft top compartment opening
- soft top unfolding
- soft top compartment closing
- rear and front edge lowering

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

1. if the control is released before the soft top has completed its movement cycle;

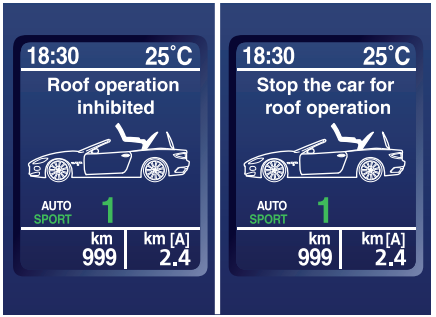


2. exceeding a speed of 30 km/h (19 mph).

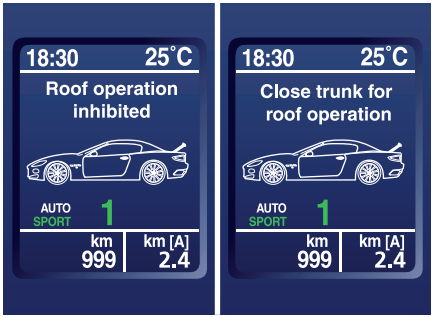


Automatic movement of the soft top is deactivated in the following cases:

1. vehicle moving (at a speed above 30 km/h - 19 mph);

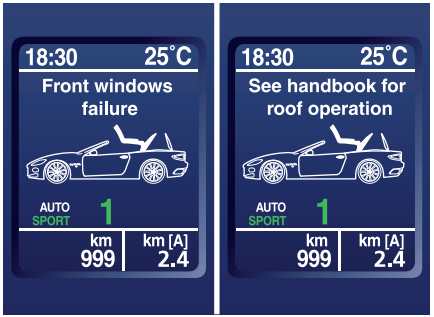


2. luggage compartment open or not properly closed;

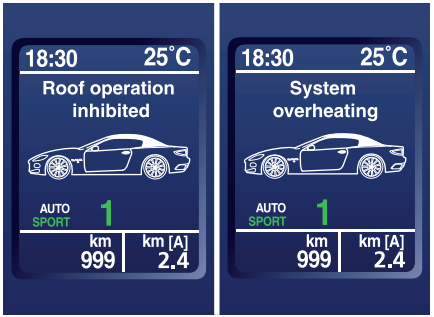


3. failure of the front windows;

WARNING: Contact the **Maserati Service Network** to have the system properly repaired.

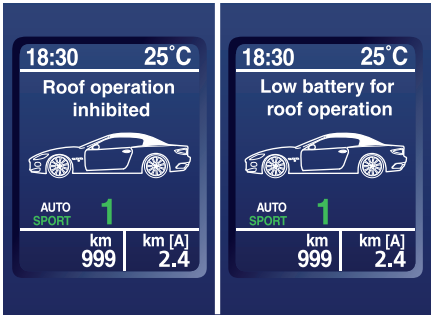


4. movement system overheated;

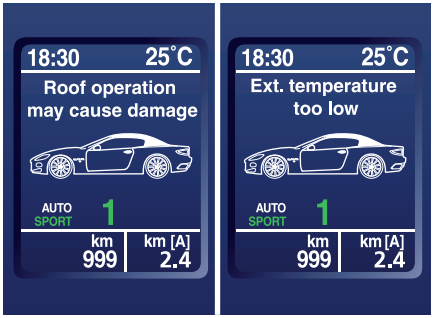


5. low battery voltage;

WARNING: Contact the **Maserati Service Network** to have the battery voltage corrected.

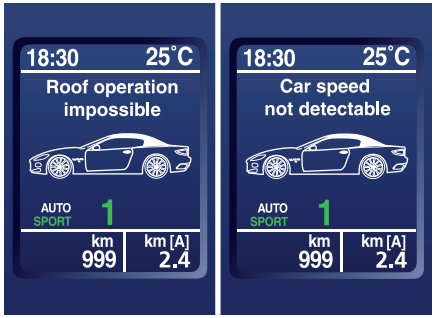


6. outside temperature too low;



7. the system cannot read the vehicle speed.

WARNING: Contact the **Maserati Service Network** to have the system properly repaired.



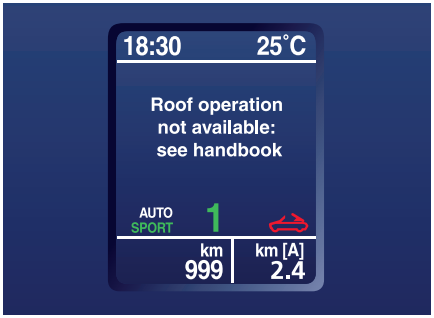
Summer Open

This strategy allows you to open/close the soft top using the driver's door lock, see chapter "Keys" on page 95.

Failure

In the event of a failure of the hydraulic and electric soft top movement systems, the relative symbol will illuminate on the display accompanied by a message indicating that automatic movement is not available.
In these cases, check that the soft top is in a safe position, and if not, complete the movement manually.

WARNING: If a soft top failure is signalled, contact the **Maserati Service Network** to have the problem corrected.



If the soft top has jammed in an intermediate position, because its movement was intentionally stopped or due to a failure of the hydraulic and electric systems, after remaining in this position for approx. 10 minutes the hydraulic circuit loses pressure, thereby allowing the soft top and the relative housing cover (driven by their weight) to reach a resting position. Therefore, take the greatest care to avoid that people or objects in the vicinity may interfere with the soft top travel during this time. In this case, do not operate the soft top using the automatic control until the system has reached a steadily balanced position (fully open or fully closed).

WARNING: The soft top failure temporarily disables, for approx. 10 minutes, the power windows' operation. After this time, the power windows will resume normal functioning.

Soft top manual operation in the event of an emergency

Manual operation of the soft top for emergency closing requires the presence of two persons in order to prevent personal injury or damage to the car.

When moving the soft top by hand, take the greatest care as its movable parts could squeeze or trap objects or parts of your body.

In case of need, the soft top may be opened and closed manually.

WARNING: The emergency procedure described below must be used to close the soft top if it is not possible for you to contact the **Maserati Service Network** immediately and you cannot keep the soft top open.

WARNING: If the failure occurs while opening the soft top, do not attempt to open it manually: contact the **Maserati Service Network**.

If the failure occurs when the opening procedure is already in progress, do not attempt to complete the procedure - close back the soft top manually according to the following instructions. After depressurizing the hydraulic circuit by turning the key to **STOP**, perform the emergency procedure starting from the point at which the opening stage jammed.

After depressurizing the system, the soft top will move freely. Therefore, if it is not in a balanced position, it will close or open as a consequence of its weight. Take the greatest care to avoid being squeezed or trapped by its levers and mechanisms.

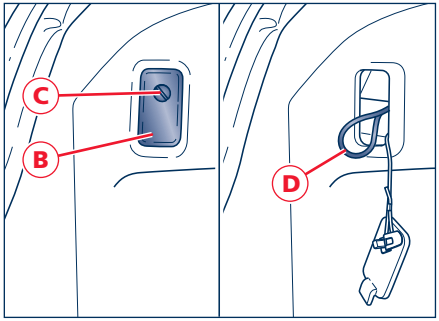
WARNING: In the case of a failure of the hydraulic operation system, contact the **Maserati Service Network** directly. If this is not possible, close the soft top manually and then contact the **Maserati Service Network** to have the system checked.

Before you start

*Note: To move the soft top manually, you must depressurize the hydraulic system. To do this, you must first turn the key to **STOP** and wait approx. 10 minutes.*

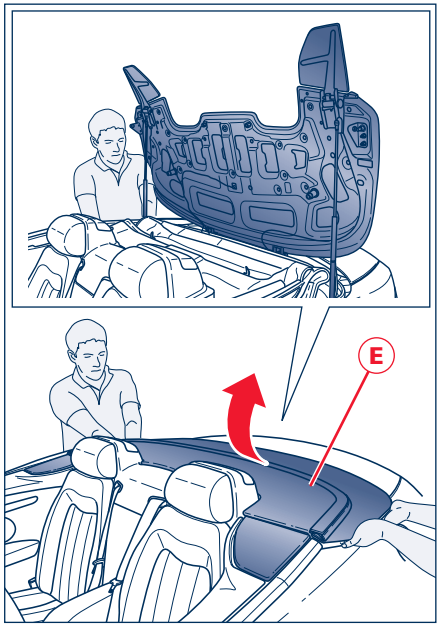
WARNING: During emergency closing, the side windows must be lowered.

Turn the ignition key to **STOP** and, to avoid unintentional activations, we recommend that you remove the key from the ignition block.
Take the flat-head screwdriver and the wrench to lock/unlock the soft top hinges out of the toolkit provided with the vehicle.

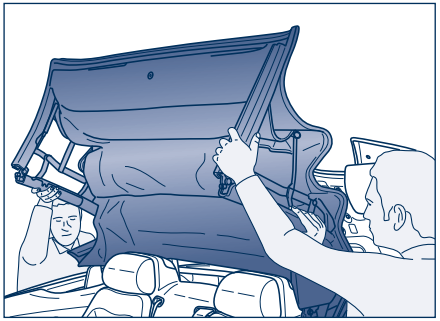


Soft top closing

– Open the luggage compartment and using a flat head screwdriver, remove the small panels **B** (housed on both sides of the compartment) turning the relative fastening screws **C** by a quarter of a turn.
– Reach the small cables **D** through the slots and pull them to unlock the soft top cover locks **E**.



– Manually raise the soft top cover **E**, placing your hands as shown in the figure, and hold it in a vertical position resting it on your shoulder for example.
– Remove the soft top from its compartment by moving the front section to approx. half its travel, until reaching a balanced position.

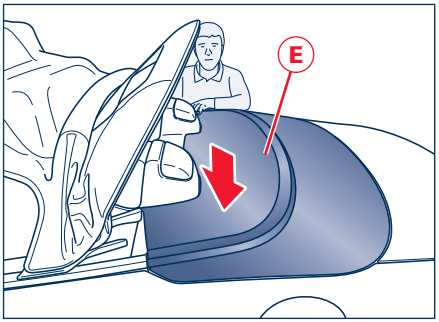


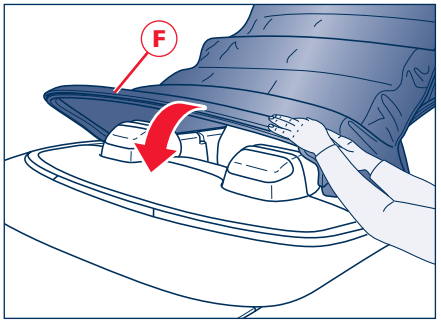
- Lower the soft top cover **E** until latching the locks.

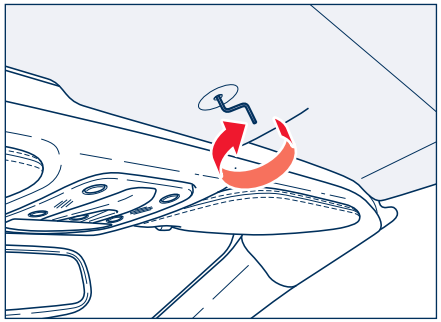
WARNING: Before proceeding with the closing procedure, ensure that the two soft top cover locks are properly latched.

– Place the rear section **F** of the soft top on the soft top cover.

– Insert the soft top unlocking/ locking wrench in its seating.
– Turn the wrench clockwise to move the soft top edge closer to the windscreen, and fasten the fastening latches inside the locks.







Multi Media System

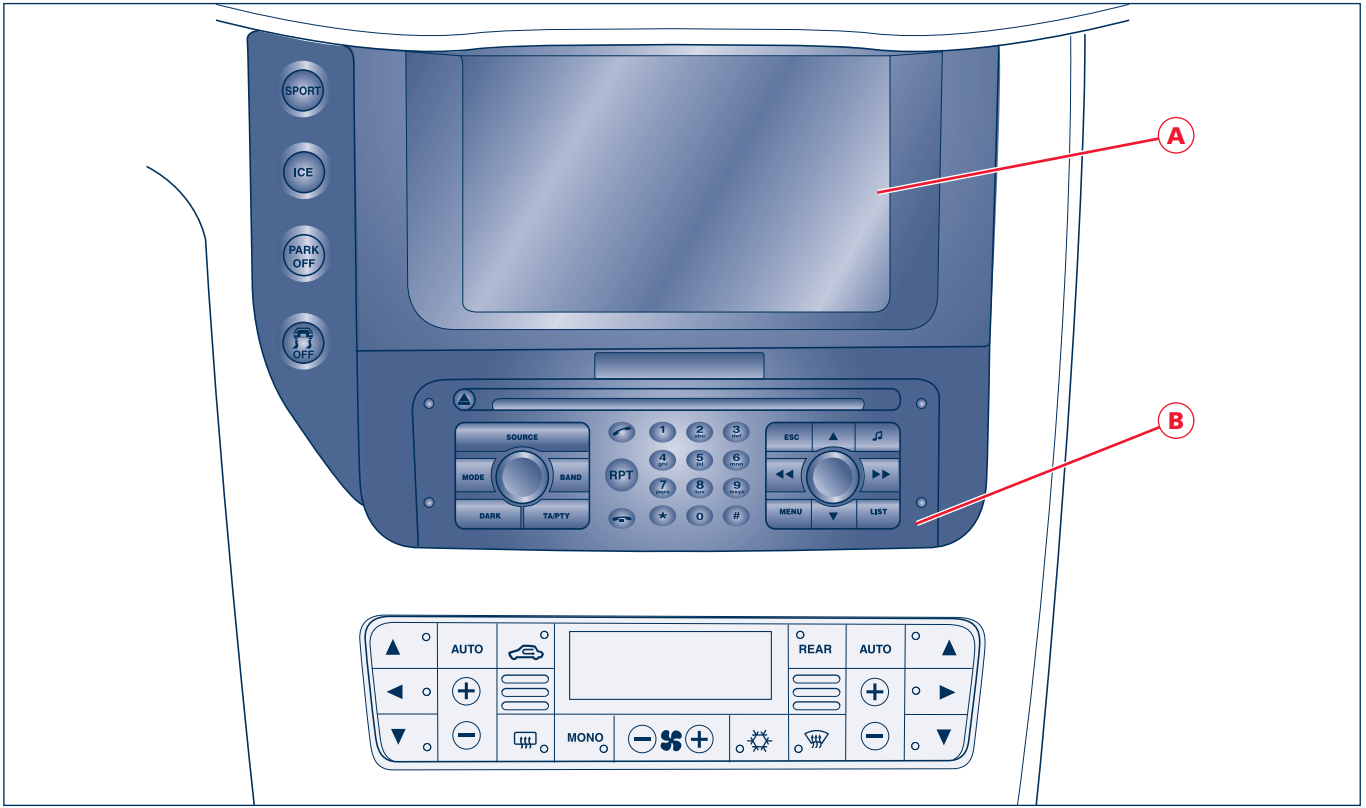
The vehicle is equipped with the infotelematics Maserati Multi Media System, an advanced user interface which combines innovative and exclusive technical features to provide entertainment, navigation, communication and information functions within a single system. In addition, the Multi Media System may come equipped with Bose® Surround Sound system, with acoustics specifically optimised for this vehicle.

The navigation system assists the driver while driving, providing advice and suggestions, by means of voice guidance and graphic information, for the best route to take for reaching the set destination The suggestions provided by the navigation system do not relieve the driver from full responsibility for the manoeuvres made through traffic while driving, or from compliance with road regulations and other provisions regarding road traffic. The person driving the vehicle is always and in any case responsible for safe driving on the road.

The vehicle is equipped with a specific annex to the owner's manual, that describes the Maserati Multi Media System in detail and lists all of the warnings and precautions for use, which are essential for safe use of the system. We advise you to read this annex carefully and thoroughly and to keep it within reach at all times.

Controls

A - Display.
B - Multi Media System controls.



Radio

The RADIO mode is activated by pressing button **MODE**. If in "Configuration" mode the "Radio" option under "Info repetition on instrument panel" is activated, the radio station selected or "SEARCH" function is shown on the instrument panel display, depending on the operation the system is performing.
Press the right-hand knob to access the main functions:

- enter frequency;
- disable RDS frequency search;
- activate regional mode;
- deactivate "Radio Text".

Note: The SIRIUS satellite radio is available for the US and Canadian markets.

CD, MP3 and Jukebox

The CD/MP3 and Jukebox modes are activated by pressing the button **MODE.** If in "Configuration" mode the "Radio" option under "Info repetition on instrument panel" is activated, the source CD, MP3 or Jukebox and the track played are shown on the instrument panel display.
In CD/MP3 mode press the right-hand knob to access the main functions:

- copy CD to Jukebox;
- activate Introscan;
- activate random reading;
- activate repetition.

In Jukebox mode press the right-hand knob to access the main functions:

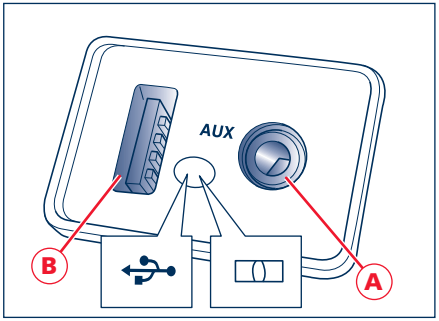
- control Jukebox;
- configure Jukebox;
- delete Jukebox data.

AUX module*

Positioned in the glove compartment, the AUX auxiliary input **A** has the following characteristics:

- typical input impedance between AUX-IN and AUX_REF: 13 Kohm.
- max. applicable voltage : 0,75 Vrms at 1kHz.
- input compatible only with 3,5 mm jack connectors (not included).

Therefore, any player that has these characteristics as well as an analog audio output (type headset output) can be connected to the Multi Media System.
The MMS system is capable of autonomously recognising whether it is connected to a player socket and, in this case, it enables access to the audio functions connected to this source.



USB Socket*

The socket **B** is located in the glove compartment and may be provided in two different versions: the type provided with your vehicle can be identified by the symbol shown next to it:

- USB Recharge;
- USB Full.

USB Recharge Socket

This socket is exclusively dedicated to powering the external source, of course if this source is designed for this purpose (e.g. iPod).
This socket cannot be used for data exchange.

USB Full Socket

This socket allows you to exchange data and power the connected source. If there are MP3 files on the USB key, they will automatically start playing. This will not occur if you are already listening to a music source; in this case, you need to select the USB function by repeatedly pressing the **SOURCE**.

iPod Connection*

An iPod can be connected to the system via the USB (full) and AUX sockets by means of a special cable (optional). The Multi Media System 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.

*Note: Visit **www.maserati.com** or a **Maserati Service Network** for a list of iPod devices compatible with the Multi Media System and their level of compatibility.*

Onboard TRIP computer

The On-Board Computer mode is activated by pressing button **MODE.** Press the right-hand knob to access the main functions:

- service info;
- function status;
- reset Trip A;
- reset Trip B.

Bluetooth® function*

The Multi Media System uses the Bluetooth® technology to make and receive calls using a mobile device enabled and compatible with Bluetooth®. After pairing your mobile to the system, the incoming and dialled calls will be identified and displayed on the Multi Media System display and on the instrument panel (if this feature is enabled). After pairing the system to a mobile device, all the phonebook contact information currently stored on the mobile will be uploaded to the system and it will be updated every time the pairing procedure is performed.

*Note: On the Maserati website, at **www.maserati.com**, or through the **Maserati Service Network** you may consult the list of telephones that are compatible with the Multi Media System, and their level of compatibility.*

Navigator

When the "Navigation" mode is active, the "Navigator" option under "Info repetition on instrument panel" is activated and the following information is shown on the instrument panel display:

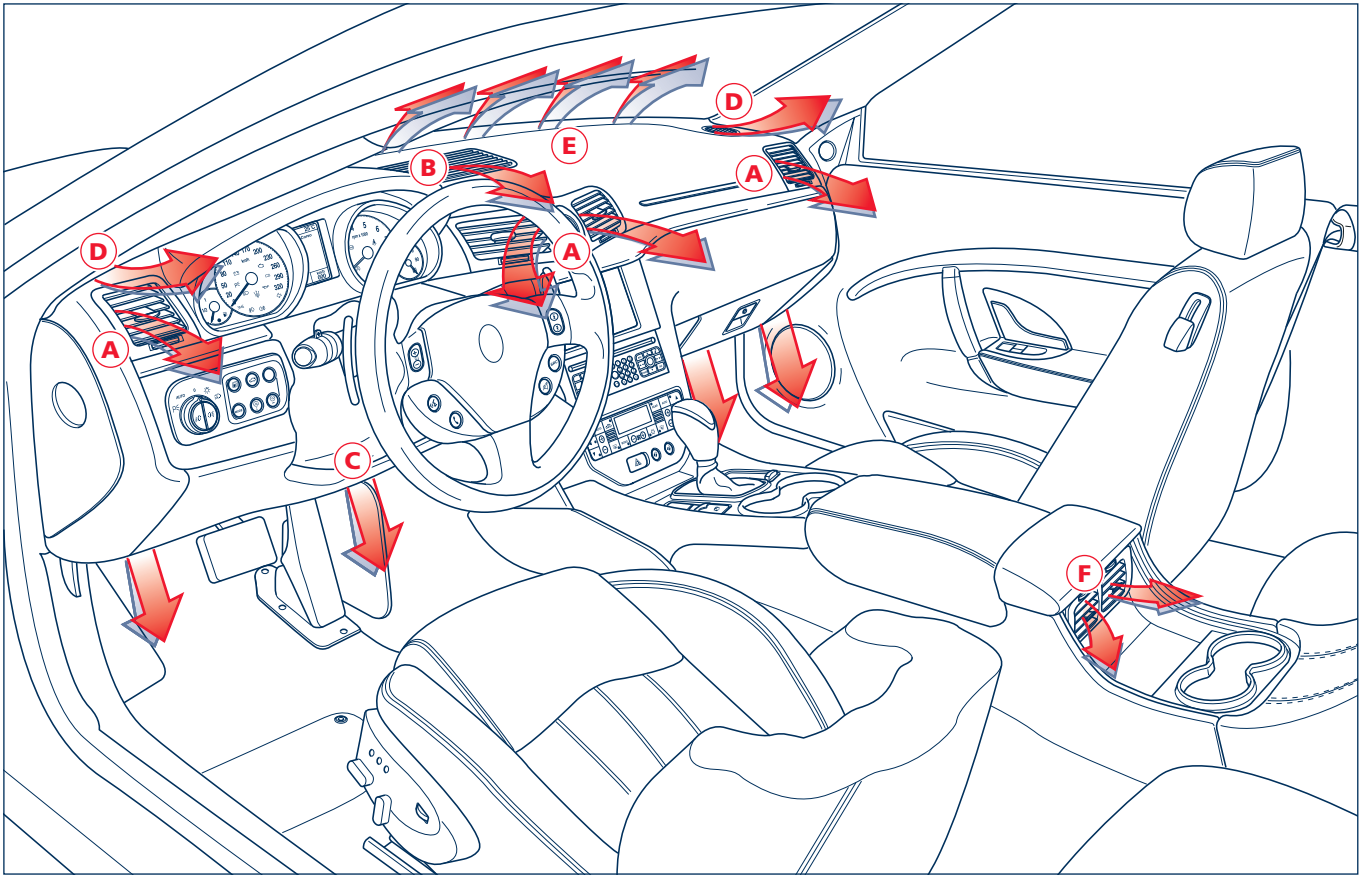
- name of the next road to take
- distance to the next manoeuvre
- pictogram of the next manoeuvre.

Press the right-hand knob to access the main functions:

- select destination;
- layovers and route;
- route guidance options;
- stop guidance (only when navigation mode is active).

** Optionals depending on the model and market availability*

Air conditioning



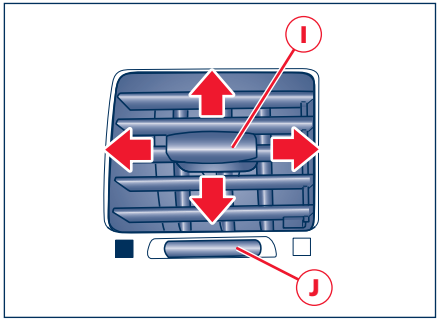
A - Front central and side vents.
B - Upper dashboard vent.
C - Lower dashboard vents.
D - Upper side dashboard vents.
E - Windscreen vents.
F - Rear central vents.

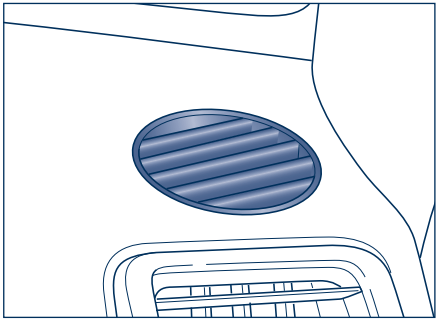
Adjustable vents

These can be positioned vertically and longitudinally using control **I**.
Using control **J,** the air flow distribution can be adjusted.
Vents **A** and **F** have these features.

Fixed air distribution vents

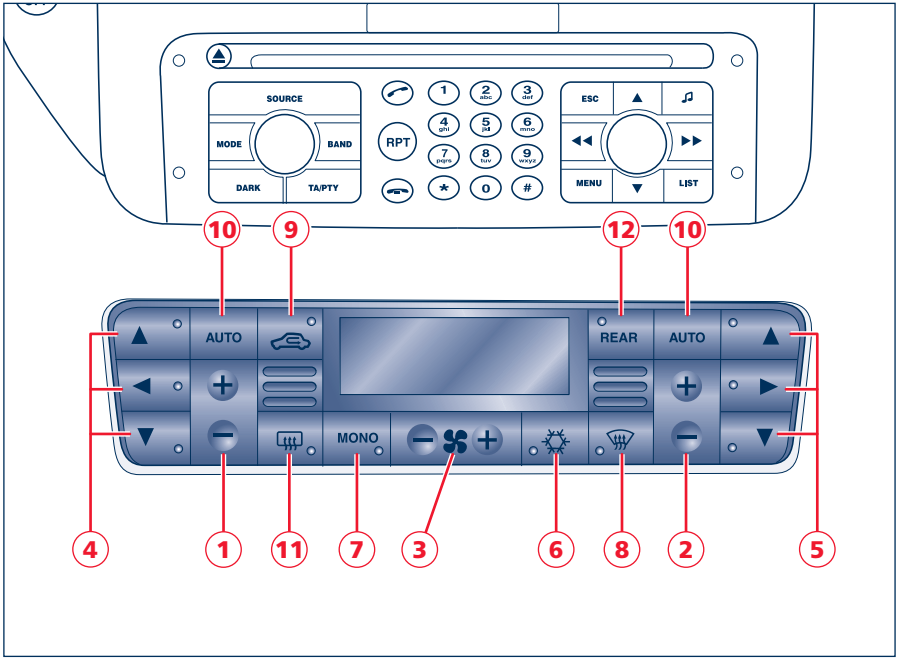
These cannot be adjusted and are designed specifically for demisting/ defrosting or cooling certain areas.
Vents **B, C, D** and **E** have these features.





Automatic air conditioning system control

1) Left-hand side temperature setting.
2) Right-hand side temperature setting.
3) Fan speed adjustment control.
4) Air distribution on 7 positions to the left-hand side.
5) Air distribution on 7 positions to the right-hand side.
6) Air conditioning system compressor activation/ deactivation button.
7) Single/dual zone selection button.
8) Defrosting/demisting activation/ deactivation button.
9) Air recirculation activation/ deactivation button.
10) Automatic/manual system control button.
11) Heated rear window activation/ deactivation button.
12) Opening/closing of air duct leading to rear vents.



General

The vehicle is equipped with an automatic dual-zone air conditioning system.
This systems adjusts the air temperature, distribution and flow in the passenger compartment, in two separate zones: left-hand side and right-hand side.
The system can be controlled through the panel, incorporated in the centre console.
Through the dashboard, the user can control the following parameters/ functions:

- left-hand/right-hand vent air temperature;
- left-hand/right-hand vent air distribution;
- fan speed (stepless change);
- compressor activation;
- air recirculation.

All the functions listed above can be modified manually, i.e. the user can select one or more of these functions as desired, using the control panel.
The manual selections always have priority over the automatic ones and are memorised until the user chooses the automatic control again.

When a function has been set manually, the other automatic functions will not be affected.
The following parameters/functions can be set/modified manually:

- left-hand/right-hand side air temperature;
- fan speed;
- air distribution on 7 positions (left-hand/right-hand);
- compressor activation;
- single/dual-zone distribution priority;
- defrosting/demisting function (MAX DEF);
- air recirculation;
- automatic/manual control of the system;
- heated rear window;
- system deactivation;
- opening/closing of air duct leading to rear vents.

The system is equipped with a demisting system which, by means of a sensor (positioned behind the internal rear-view mirror) “checks” a predefined surface area inside the windscreen and automatically activates a special strategy to prevent or reduce misting. The sensor can be disabled by operating any system control when the strategy is active.

The sensor is enabled upon ignition and whenever the user presses one of the buttons **10** AUTO.

WARNING: To help ensure proper functioning of the sensor, do not apply adhesive parking stickers, etc. in the “checking” area between the sensor and the windscreen. Therefore, keep the windscreen and the sensor clean to prevent accumulation of dust or other impurities.

Activation

The system can be started up in a number of ways. It is however advisable to begin by pressing one of the buttons **10** AUTO and using the buttons **1** or **2** to set the desired temperature. This way the system will operate in fully automatic mode so that the temperatures set will be reached as quickly as possible.
In this condition, manual operations will activate the following functions:

- MONO button **7** adjusts the air temperature and distribution in the two heating/air conditioning areas;
- REAR button **12** enables/disables the air flow to the rear vents;
- button **6** turns off the compressor;
- button **8** activates/deactivates the defrosting/demisting function on the front side windows;
- button **11** activates/deactivates the heated rear window.

By altering any other parameter manually, such as the air temperature or distribution, these features switch from the fully automatic control mode (FULL AUTO) to manual mode (AUTO).

On starting the vehicle after stopping, the various parameters are controlled manually or automatically, depending on the options selected by the user before turning the engine off.
Therefore all the manual operations performed before the vehicle is turned off are stored and maintained for the next start up.
This also applies for the OFF function; if the system was in the OFF position before turning the vehicle off, when next started the system should still be in the OFF position.

System deactivation

If the compressor is deactivated by setting the air flow reduction control **3** below the first bar, the fan will be turned off.
When set to OFF, the heated rear window button **11** and recirculation button **9** are controlled normally without activating the air conditioning system.
Exiting the OFF mode, the recirculation function will switch back to Automatic mode.

Recirculation

This function is activated by pressing button **9** and allows only the air already in the passenger compartment to circulate.
The recirculation function has various operation modes:

- forced closed recirculation (LED on button illuminated);
- forced open recirculation (LED on button off).

Automatic mode

When the compressor is deactivated or outside temperatures are below 3°C, the automatic recirculation function is deactivated automatically. After prolonged operation (over 15 minutes in a row), the system deactivates the recirculation function automatically for safety reasons, allowing the exchange of air once again.

Forced closed recirculation

In this operating mode, the illumination of the amber LED indicates that the recirculation vent is closed.

Forced open recirculation

In this operating mode, the LED turned off indicates that the outside air vent is opening.

AUTO mode

When this button is pressed (one button per zone), automatic mode will control the following functions once again:

- air distribution (for the side concerned);
- fan speed;
- compressor operation (illumination of the ECON LED);
- air recirculation.

REAR mode

Press the button REAR **12** (relative LED illuminated) to:

- Open/close the air flow to the rear vents.

This function is active in both “MONO” and “DUAL-ZONE” modes.

System initialisation

Every time the battery is reconnected, when the vehicle is started the system must be initialised by activating the compressor. The display automatically shows the passenger compartment temperatures set to 22°C.

The system is configured as follows:

- AUTO (automatic operation, the words FULL AUTO appear on the display);
- compressor enabled (the LED on the button is illuminated);
- defrosting/demisting function (MAX DEF) deactivated (the LED on the button is off);
- heated rear window deactivated (the LED on the button is off);
- open recirculation;
- air ventilation and distribution are set by the system;
- REAR disabled (the LED on the button is off), the air flows to the rear vents.

Sound system

The Maserati Multi Media System also includes a radio system with a CD and MP3 player.
The sound system in the vehicle consists of:

1) two 36 mm (1.4 in) tweeters positioned in the passenger compartment, near the external rear-view mirrors;

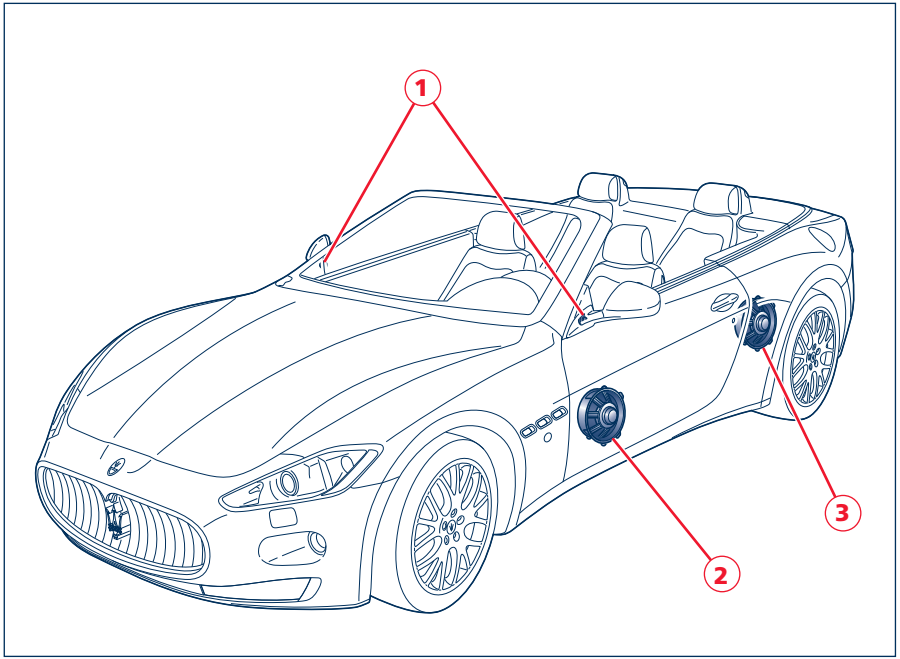
2) two 165 mm (6.5 in) speakers on the door panels;

3) two 165 mm (6.5 in) speakers on the side panels of the rear seats.

In addition, the system is capable of autonomously selecting two different equalizer settings depending on whether the soft top is open or closed.

Diversity system

It is made up of two antennas coupled to each other which, by combining the signal, help the tuner receive a strong frequency and optimise any search for ultra-short waves.



Bose® Surround Sound System (optional)

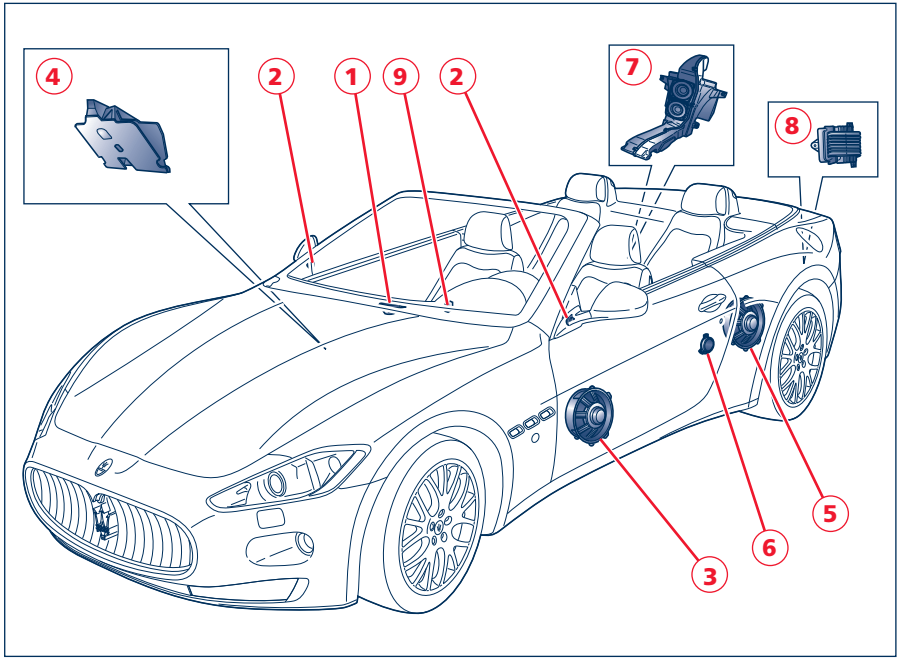
The digital Hi-Fi system, developed in association with BOSE® Surround Sound System, incorporates exclusive accessories such as the innovative speakers with neodymium technology, and makes use of other systems such as AudioPilot®, Centerpoint® active electronic equalization and SurroundStage® amplifier system.

AudioPilot® system

The AudioPilot® technology detects and measures the ambient noise and continuously adjusts a number of acoustic signal parameters accordingly, in order to ensure optimal sound quality levels inside the passenger compartment.
This function can be deactivated through the MMS, see chapter “Audio adjustments” on the “Multi Media System” manual.

Centerpoint®

Equalizing system that converts the stereo recordings into 8 separate channels, thus assuring absolute precision with any volume level.
The automatic output frequency balancing makes manual adjustments through switches or dials unnecessary.



The car radio system is made up of the following parts:

1) one 80 mm (3.1 in) Nd (Neodymium) Twiddler for high and medium frequencies, positioned centrally on the dashboard;

2) two 36 mm (1.4 in) Nd (Neodymium) Tweeters positioned in the passenger compartment, near the external rear-view mirrors;

3) two 165 mm (6.5 in) Nd (Neodymium) speakers for low and medium frequencies on each of the door panels;

4) one 130 mm (5.1 in) Nd (Neodymium) Woofer® Richbass® powered by an amplifier with two-stage modulation, fitted on the passenger-side footrest;

5) two 165 mm (6.5 in) Nd (Neodymium) speakers for low and medium frequencies, on the side panels of the rear seats;

6) two 36 mm (1.4 in) Nd (Neodymium) Twiddlers for low and medium frequencies, on the side panels behind the rear seats;

7) two 155 mm (6.1 in) Power Nd® Woofers powered by an amplifier and housed in a central position between the two rear seats;

8) digital amplifier with Centerpoint®, SurroundStage®, AudioPilot® technology, controlled by a microphone positioned to the right of the steering wheel and customised eight-channel equalization;

9) AudioPilot® sensor.

Windstop (optional)

The windstop consists of a panel fitted behind the front seats, which prevents the wind from creating turbulence in the passenger compartment when the soft top is open.
When the windstop is not installed, it is normally stored in a protective bag inside the luggage compartment. This bag is secured inside the compartment by means of a strap.
It is therefore recommended not to place sharp and pointed objects which may contact the protective bag in the luggage compartment, unless they are firmly secured. In addition, you should not place objects on the windstop protective bag, even if they are secured, as they may damage the windstop with their weight.
If the luggage compartment is equipped with spare wheel (optional), it may not house the windstop inside its bag.

Fitting the windstop:

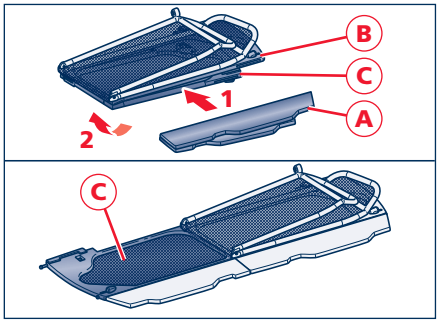
Preparation:

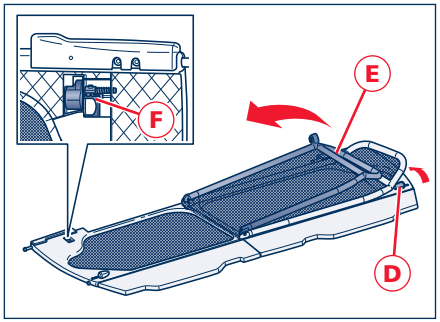
1) take the windstop out of its bag;
2) join the rear section **A** to the base of the windstop **B**;
3) turn the lower left-hand part **C**, until it is fully laid out;
4) if inserted, release the pin **D** by turning it;
5) turn the upper left-hand part of the windbreaker **E** until it is fully opened, thereby triggering the lower latch **F**.

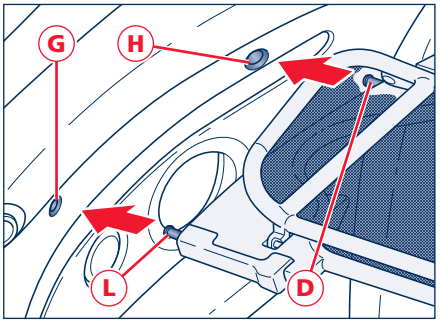
Installation:

WARNING: During the installation operations, take the greatest care to avoid damaging the internal trims of the vehicle.

6) fit the pins **L** and **D** in the relative seats **G** and **H** on the rear right-hand panel of the vehicle;







7) take the pins **M** and **N** out and align them on their seats on the rear left-hand panel;
8) let the pins go;
9) raise the upper section **P** until it is in a vertical position.

WARNING: Do not fasten any object to the windstop.

WARNING: When the windstop is fitted, if you tilt the backrest or move the seat backward you must take the greatest care to avoid that the two parts touch each other and so cause damages.

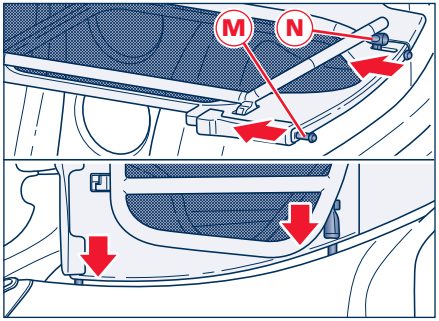
WARNING: Never place pointed or sharp objects on the rear seats, under the windstop when fitted.

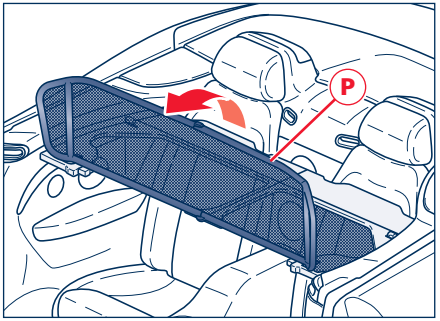
WARNING: Never place any object on the windstop.

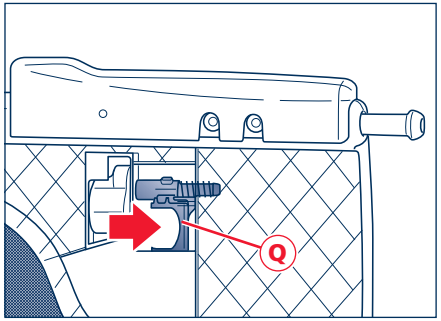
Windstop removal:

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

WARNING: Before folding the upper part **E**, unlock the pin **D** by pushing the small lever **Q**.







Using the vehicle

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Starting the engine

Hold the brake pedal pressed when starting the engine.

It is dangerous to operate the engine in a closed space. The engine consumes oxygen and discharges carbon dioxide, carbon monoxide and other toxic gases.

WARNING: Before start-up, switch off the electrical devices with a high power absorption (air-conditioning and heating system, heated rear window, headlights, etc.).

WARNING: Do not start the engine if there is the fuel level in the tank is low.

1) Make sure that the electric parking brake is applied and that the doors are closed.
2) Hold the brake pedal pressed when starting the engine.
3) Do not press the accelerator pedal.
4) Check that the letter **P** (PARK) or **N** (NEUTRAL) is shown on the gear display and on the instrument panel.
5) Turn the key to position **AVV** and release it as soon as the engine starts. Do not hold the key in position **AVV** for a long time. If the engine does not start after turning the key to position **STOP**, wait for the gear display to go off and then repeat the entire procedure.

The engine can only be started when the gearshift lever is in **P** (PARK) or **N** (NEUTRAL).
With the engine started, release the key, which will automatically return to position **MAR**.
If the engine does not start after turning the key to position **STOP**, wait for the gear display to go off and then repeat the entire procedure.

Starting-off when the engine is cold

Start-off slowly, avoiding sudden acceleration and run the engine at low-medium speeds. High-performance driving should be avoided until the coolant temperature reaches 65–70 °C.

Emergency starting with auxiliary battery

If the battery is dead, the engine can be started using another battery having the same or slightly higher capacity than the dead one.
Follow the below instructions:

1) Connect the positive terminals (+) of the two batteries with a special cable.
2) Connect the negative terminals (-) of the two batteries with a special cable.

WARNING: The battery is secured to the vehicle with a metal clamp, so be extremely careful not to let the clips on the end of the cables come into contact with it.

3) Start the engine.
4) When the engine starts, remove the cables in reverse order.

If the engine does not start after a number of attempts, do not continue indefinitely but consult the **Maserati Service Network**.

Do not performed this procedure if you are unexperienced: incorrect manoeuvres can originate high electrical discharges and even cause the battery to explode.

You are also advised not to approach the battery with open flames or lit cigarettes and not to cause sparks: risk of explosion and fire!

WARNING: Never use a battery-charger for emergency starting under any circumstances: you could damage the electronic systems and in particular the ECUs that control ignition and fuel supply functions.

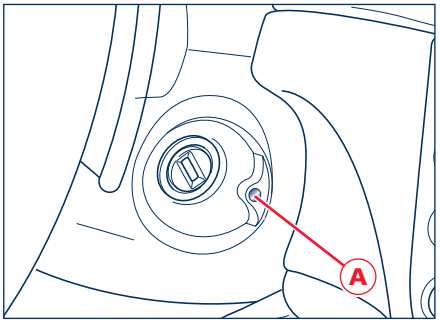
Remember that when the engine is not started, the brake servo and power steering systems are not functioning and therefore the effort required on the brake pedal and steering wheel is much greater.

Turning off the engine

With the engine idling, rotate the ignition key to the **STOP** position. A burst on the accelerator pedal before turning off the engine has no purpose and increases fuel consumption.

WARNING: The ignition key can only be removed from the switch when the gearshift lever is in position **P** and within 30 seconds after turning the key to **STOP**. If you do not remove the key within 30 seconds, you will need to turn it back to **MAR** and then to **STOP** to have a further **30** seconds within which to remove the key.

In the event that the key unlocking system fails or if it is not possible to shift the gearshift lever to **P**, to remove the key you must turn it to **STOP**, then remove the cap **A** using a pen or sufficiently pointed tool, then press the button just uncovered and at the same time extract the key. Once the key has been removed, refit the cap **A**.



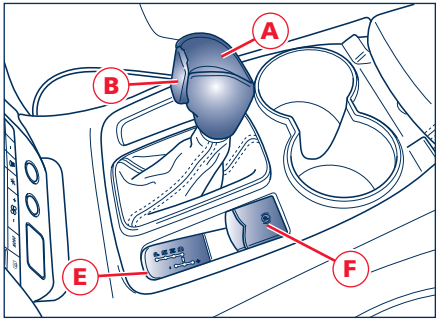
Electronic automatic gearbox

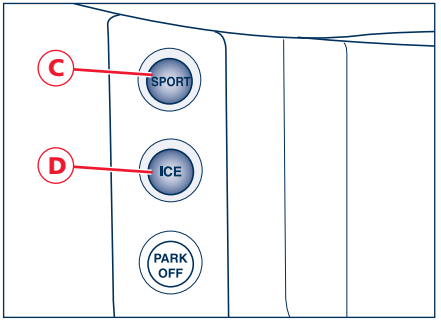
The electronically-controlled gearbox has six forward gear ratios and one reverse gear. The gears can also be engaged manually once you have shifted the gearshift lever to the sector provided.
The gearbox controls are the following:

A - gearshift mode selection lever;
B - button on the gearbox lever to engage **R** (Reverse) and **P** (PARK);
C - button **SPORT**;
D - button **ICE** (low grip);
E - gear display.

The SPORT and ICE modes can be selected both when the gearbox is set to automatic (AUTO) and to sequential manual (MANUAL) operation.

The gearbox operating mode is controlled by the lever **A**.
This lever can be moved to the following positions:
P – (PARK);
R – (REVERSE);
N – (NEUTRAL);
D – (DRIVE);
+ / - – (MANUAL).
The position of the gearshift lever **A** is shown on the gear display **E** by the illumination of the corresponding letter. This letter is also shown on the instrument panel display.





WARNING: In order to correctly use the automatic gearbox, it is essential that you read through this whole chapter so that you can learn right from the start which operations are correct and permitted.

The gearbox is also equipped with Shift-Lock and Key-Lock safety systems.

Shift-Lock

This safety system allows you to shift from **P** (PARK) to another position only if the brake pedal is depressed. This prevents the vehicle from involuntarily jumping forward or backward.

Key-Lock

This function allows you to remove the key from the ignition switch only when the gearshift lever **A** is in position **P** and within a maximum time of 30 seconds; when this time has elapsed, the key can no longer be removed.

Starting the engine

The engine can only be started when the gearshift lever **A** is in **P** or **N**.

Always start the engine holding the brake pedal depressed.

WARNING: After starting the engine and setting off, do not depress the accelerator pedal before and while shifting the gearshift lever **A**.
This is particularly important when the engine is cold.

Driving the vehicle

After starting the vehicle, with the engine idling and the brake pedal depressed (Shift-lock safety), move the gearshift lever **A** to position **D** or in the position for sequential manual gearshifting. **+** o **-** .
Release the brake pedal and gradually depress the accelerator pedal.

WARNING:The gearshift lever can be moved to position **P** only when the ignition key is in the **MAR** position and the button **B** and the brake pedal are pushed (Shift-lock safety).

For safety reasons, the gearshift lever **A** can be moved from position **D** to positions **R** and **P** only when button **B** is pushed. It is also advisable to depress the brake pedal during this manoeuvre.

WARNING: Do not run the engine at top RPM until it has reached stable operating temperature.

WARNING: In the case of performance starting, check that the electric parking brake is disengaged.

Do not keep the vehicle stationary for a long time with the brake pedal depressed and the gearshift lever in D when the engine is running, as this may lead to malfunctions.

WARNING: For more comfortable starting (with the gearshift lever in **D**, **R** or **MANUAL** and the electric parking brake - EPB - engaged), push the brake pedal, manually deactivate the EPB system by pulling up the lever **F**, and push the accelerator pedal.

Hill Holder Strategy

The Hill Holder system helps the driver when starting-off on uphill slopes.
It activates only following a vehicle stop when the brake pedal is released, keeping the vehicle stationary for a moment, so as to allow the driver to move his foot from the brake to the accelerator pedal. The system is activated on slopes with a gradient of more than 15°.

Stopping the vehicle

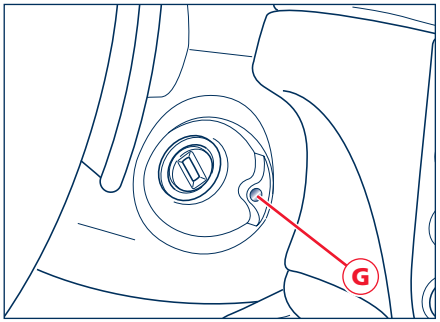
Regardless of the position of the gearshift lever **A**, you must only depress the brake pedal to stop the vehicle.

When the gearshift lever is in position D, R or MANUAL, the engine idling and the vehicle on an even surface, if the brake pedal is not depressed, the vehicle can move.

The ignition key can be removed from the switch only when the gearshift lever **A** is in position **P** and within 30 seconds from turning the key to **STOP**. The letter **P** (Key-Lock safety) is displayed on the instrument panel for this entire time.
If you do not remove the key within 30 seconds, you will need to turn it back to **MAR** and then to **STOP** to have a further 30 seconds within which to remove the key.

WARNING: In the event that the key unlocking system fails or if it is not possible to shift the gearshift lever to **P**, to remove the key you must turn it to **STOP**, then remove the cap **G** using a pen or sufficiently pointed tool, then press the button just uncovered and at the same time extract the key. When the operation has been completed, refit the cap **G**.

If you turn off the engine with the gearshift lever **A** in a position different from **P**, an acoustic signal will sound for a few seconds and a message will be displayed indicating to shift the lever to **P**.



When the driver's door is opened with the gearshift lever **A** in a position different from **P**, an acoustic signal will sound for a few seconds and a message warning the driver that the gearshift lever is not in **P** will be displayed.

Gearshifting is always active and may be performed even when one or more doors, the engine compartment lid or the luggage compartment lid are open. Therefore, in these conditions, take great care to avoid moving the gearshift lever and so accidentally engage gears.

Selecting automatic or sequential manual operating mode

The gearbox can be used both in fully automatic mode (position **D**) and in sequential manual mode (positions **+** o **-**).
To select the mode, shift the gearshift lever **A** to:
D – automatic gearshifting (**AUTO**);
MANUAL (+ / -) – sequential manual gearshifting.
The lever can always be shifted from one position to the other, even when the vehicle is moving.
The lever can continuously be shifted from **D** to **MANUAL**.
If automatic gearshifting has been set, the word "AUTO" and the letter "D" will be shown on the instrument panel display, while if sequential manual mode has been set, the word "MANUAL" and the gear engaged will be shown on the same display.

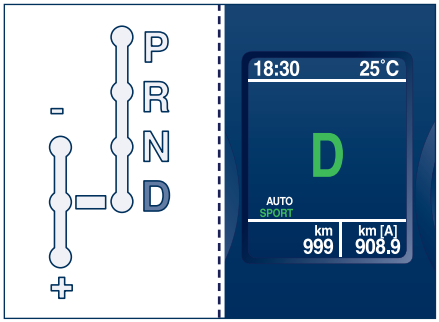
Automatic operation (AUTO)

To set automatic operation, shift the gearshift lever **A** to one of the following positions:

P – parking;
R – reverse;
N – neutral;
D – drive, automatic forward gear (6 ratios).

The position of the gearshift lever is shown on the gear display **E** by the illumination of the corresponding letter. This letter is also displayed on the instrument panel.

The gearshift lever **A** can be shifted from **D** to **N**, as desired. To engage or disengage **R**, you must also press button **B**.



Position **P** is engaged by pressing the button **B** and then moving the gearshift lever; it is disengaged by pressing the button and the brake pedal at the same time. It is advisable to also hold the brake pedal depressed when moving the gearshift lever to the other positions.

P – Park

When parking the vehicle, shift the lever to **P**. A gearbox device will lock the driving wheels.

WARNING: Shift the lever to position **P** only when the vehicle is stationary. Therefore, it is advisable to perform this manoeuvre with the brake pedal depressed.

WARNING: To prevent accidental engagement, the gearshift lever can only be shifted from **P** to any other position when the button **B** and the brake pedal are depressed.

WARNING: Before getting out of the vehicle, check that the automatic parking brake is engaged. Shift the gearshift lever to **P** even when you need to get out of the vehicle only for a few seconds, leaving the engine running.

If you turn off the engine with the gearshift lever **A** in a position different from **P**, an acoustic signal will sound for a few seconds and a message will be displayed indicating to shift the lever to **P**.

When the driver's door is opened with the gearshift lever **A** in a position different from **P**, an acoustic signal will sound for a few seconds and a message warning the driver that the gearshift lever is not in **P** will be displayed.

WARNING: In the event of a battery failure, manually release the driving wheel locking device before you drive.

In the event of a battery failure, move the gearshift lever from **P** to another position before moving the vehicle. To do this, follow the emergency procedure described below:

- remove the covering plate **H** in front of the gearshift lever;
- using a small tool, push on the gearshift lever locking mechanism through the hole;
- at the same time slightly shift the gearshift lever towards the **N** position, in order to free the lever locking mechanism;
- remove the small tool from the hole, being careful not to move the gearshift lever;
- shift the lever fully into **N**;
- close the hole using the covering plate **H** to prevent foreign bodies from falling into the gearbox and damaging it.

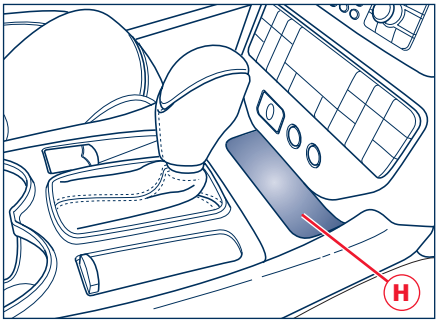
The gearshift lever is now released.

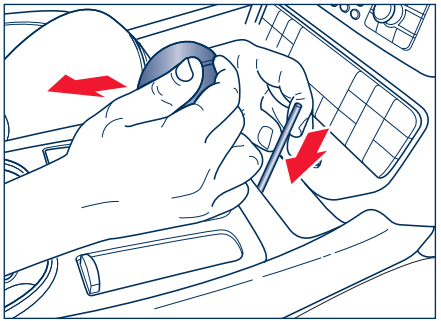
While moving the gearshift lever, remember to press the button **B** on the lever.

WARNING: Work extremely carefully so as not to damage the trim panels.

If the automatic parking brake engagement system is active, the EPB will be automatically applied when the vehicle is stopped, see page 174.

WARNING: In the event of a battery failure, manually disengage the parking brake (EPB) before you drive, see page 176.





R – Reverse gear

With the vehicle stationary, the engine idling and the button **B** pressed, shift the gearshift lever **A** to position **R**. It is advisable to also depress the brake pedal when shifting to this position. When the lever is in position **R**, the system emits an acoustic signal for a few seconds.
You can also shift the gearshift lever to **R** when the vehicle is not completely stationary, however, this does not mean that reverse gear is actually engaged, since there is a limit speed above which the gear may not be engaged. When the speed goes below this limit, reverse gear is engaged.

WARNING: To prevent accidental engagement, the gearshift lever can only be moved from **R** to any other position when the button **B** is pressed. It is advisable to also depress the brake pedal when shifting to this position.

N – Neutral

With the vehicle stationary and the brake pedal depressed, move the gearshift lever **A** to **N**.
This function should be used when you need to tow or push the vehicle.

D – Automatic forward gear

Select this position when you wish to use all the automatic gearshift functions.
With the vehicle stationary and the brake pedal depressed, shift the gearshift lever **A** to **D**; if the lever is positioned on **P** you must also press button **B**.
When the function is set, the letter "D" illuminates on the gear display and on the instrument panel.
When this function is active, the ECU controls automatic engagement of the six gears. The gears will be engaged in relation to the travelling speed, engine RPM, accelerator position, speed with which the pedal is depressed as well as the travelling conditions (uphill, downhill, curves). The system has been programmed to classify all driving styles, in relation to the above mentioned parameters, and to associate them with the various vehicle settings, which go from extremely comfortable and economic driving to racing-style driving. The setting is selected automatically.

+ / - – Sequential manual operation (MANUAL)

This allows you to manually engage gears while driving.
With automatic gearshifting selected (position **D**), shift the gearshift lever **A** to position "+" o "-".
When this mode is selected, the symbol "+" or "-" illuminates on the gear display **E**, based on the position of the gearshift lever, and the gear engaged is shown on the instrument panel display.

When sequential manual operation is selected, upshifting or downshifting must be performed manually.

To engage the gears, shift the gearshift lever **A** to one of the following two positions:

+ UP to engage a higher gear;
- DOWN to engage a lower gear.

WARNING: However, some conditions will remain automatically controlled, for example, when the engine is overrevving or underrevving, the system automatically engages a higher or lower gear.

WARNING: If you request a gearshift in conditions where the engine is overrevving or underrevving, the system will not accept the command.

WARNING: The ECU is programmed to control one gearshift at a time, therefore, fast and repeated actions will not necessarily result in a gearshift. A higher or lower gear is engaged only if the previous procedure requested has been completed.

When the system refuses to engage a gear, an acoustic signal will sound for a few seconds.

Sequential manual operation can only be selected from the **D** position whatever the function (SPORT, NORMAL) active at the time of the request.

The gear selected by the automatic gearbox will remain engaged when the lever **A** is moved.
Shifting the lever back to **D**, automatic operation will instantly be resumed, and a gear will be engaged based on the driving style and mode selected.

In the event of a failure of the sequential manual gearshift system, the gearbox ECU will select automatic operation.

Other system functions

The settings automatically selected by the system operate in three modes:
- NORMAL;
- SPORT;
- ICE (Low Grip).

Activate the desired mode by pressing the relative button.
The active mode is shown on the instrument panel display.

For each mode there are various vehicle settings, that are automatically set by the system in relation to the travelling speed, engine RPM, accelerator position, speed with which the pedal is depressed as well as the travelling conditions (uphill, downhill, curves).

NORMAL

This mode is intended specifically for comfortable and fuel-economy driving (low longitudinal and lateral acceleration); the gears are shifted with minimum rpm in lowest noise (gears are shifted at low engine speeds).

SPORT mode

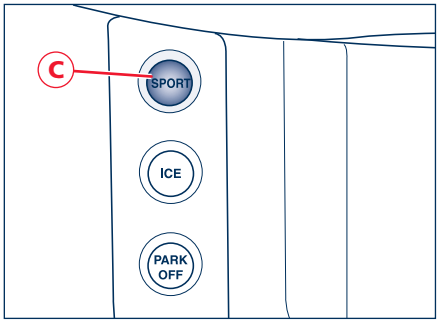
Vs NORMAL mode, SPORT mode is characterised by faster gearshifting, electronic suspension management (Skyhook), opening of by-pass exhaust valves (above 3000 RPM with the vehicle in motion).

WARNING: In addition to enhancing performance, opening of the exhaust also increases noise levels of the vehicle.

SPORT mode is activated by pressing the button **C**; the word "SPORT" illuminates on the instrument panel display.
To return to **NORMAL** mode from **SPORT** mode, press the button again.
As **SPORT** mode has a lower priority than "low-grip (**ICE**)" mode, if this is already active when activating **SPORT** mode, the system will ignore the command.
Fast gearshifting however, always depends on the accelerator pedal travel and on the engine RPM, as in **NORMAL** mode.
In **MANUAL** mode, **DOWN**-shifts with the accelerator pedal released, will have a braking effect approaching the skidding limit of the driving wheels on dry asphalt.
Under racing-style driving conditions with gearshifts at high engine RPM, double-clutching is performed automatically during gearshifts.

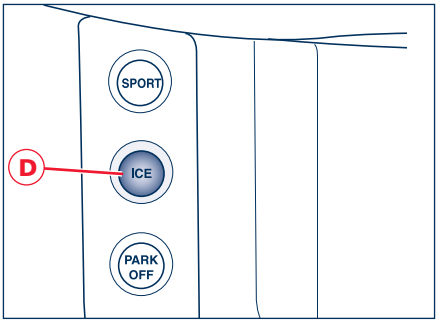
It is advisable not to use SPORT mode on roads with low or medium grip conditions (e.g. ice, snow, or wet roads) as the driving wheels could skid during gearshifts.

If you use **MANUAL** and **SPORT** mode in combination for sports-style driving, when starting-off or shifting gears, you may perceive an initial slipping of the driving wheels even on dry roads.



"ICE" Low Grip

This mode can be used on particularly slippery road surfaces (e.g., rain, snow, ice). To activate/deactivate this mode, press button **D**. The word "ICE" will illuminate on the instrument panel display.
In "low-grip" mode, the system uses 2nd instead of 1st gear; this means that 2nd gear will automatically be engaged (gearshift lever in D) in the event of standing starts in automatic mode; on the other hand, when in sequential manual mode (gearshift lever in **MANUAL**), moving the gearshift lever **A** from neutral or reverse or when the vehicle stops, 2nd gear will automatically be engaged.



When sequential manual mode is selected with 2nd gear engaged, a downshift request will be ignored. While driving, the system automatically switches to the upper gear if the engine reaches the pre-established speed rate (3,000 RPM). "Low-grip" mode has priority over **SPORT** mode and assists the **ESC** system.

A downshift request from 6th to 5th gear will only be accepted if the engine speed rate in 5th gear is lower than 3,000 RPM. As "low-grip" mode can be activated at any time and the system limits the engine speed rate to 3,000 RPM in all gears except for the 6th, unrequested gearshifts could take place.

In any case, it is advisable to deactivate **SPORT** mode before selecting "low-grip" mode.

When sequential manual gearshifting is active, regardless of the mode set (**NORMAL** / **SPORT** / **ICE**), the gearbox will automatically upshift or downshift when reaching the minimum and maximum RPM.
This is to prevent engine overrevving or underrevving.

Strategies for downhill driving

When the accelerator pedal is released, the gearbox system detects that the vehicle is moving downhill and deactivates upshifting. When the accelerator pedal is depressed, upshifting is reactivated but will be delayed by a few seconds.
When the brake pedal is depressed, the gearbox system downshifts to provide enhanced engine braking power.
In other words, when driving downhill, the gearbox system operates so as to avoid upshifting and shifting gears when the accelerator pedal is released, and delays gear engagement by a few seconds when the accelerator pedal is depressed.
In addition, when the brakes are applied, it engages the lowest gear in order to provide enhanced engine braking power.
This strategy is aimed at making downhill driving safer.

Strategies in curves

The system detects when the vehicle goes into a curve through the lateral acceleration and the steering angle. Detecting this condition, it controls gearshifting using a specific mode. This mode is exited when the vehicle comes out of the curve, at a distance that varies depending on the vehicle speed.

Fast-off strategy

When the accelerator pedal is fully released, the system deactivates upshifting.
The next time the pedal is depressed, upshifting will be reactivated only after a few seconds.
Upshifting is also deactivated when the accelerator pedal is partially released; the system waits the time necessary to evaluate if the release action is completed.

Hot-mode strategy

In the event that the engine oil or coolant temperature is too high or both, the gearbox system reduces the maximum engine speed to 4000 RPM. Therefore, upshifting will occur at this limit.
This strategy does not apply to downhill driving, so as to always have the efficiency of engine braking together with the standard braking system.

ESC system operations

In order to prevent unstable driving conditions, the ESC system may request the gearbox system to deactivate gearshifting. The system handles this request depending on the gear engaged and on the RPM, and decides whether to accept it or not.

Cruise Control

With the Cruise Control function, the gearbox system selects such settings as to provide enhanced comfort and fuel-economy.

MC Start Strategy (only for GranCabrio SPORT)

With the aim of optimising standing starts for performance driving (only recommended for use in areas closed to traffic and in accordance with the Highway Code), the automatic gearbox system is equipped with quick start strategy.
This strategy is activated when the following conditions occur simultaneously:

- AUTO and SPORT modes active;
- ESC mode OFF;
- brake pedal depressed.

In these conditions, the driver has the possibility to accelerate and, keeping the brake pedal depressed, keep the vehicle standing until reaching an engine speed between 2300 an 2500 RPM. and then, upon releasing the brake pedal, have the best standing start performance.

This strategy must only be used on vehicles in areas closed to traffic, in accordance with the Highway Code and only by skilled drivers.

Malfunction indication

The malfunctions indicated are attributable to two causes:

- gearbox failure;
- gearbox oil temperature too high.

In both cases, the warning light comes on. In the first case, it is accompanied by the following message on the display: “Check transmission go to dealer” in the second case: “High gearbox oil temperature”.

Gearbox failure

This message indicates a gearbox system malfunction, therefore, if you are driving, the ECU that controls the device sets an emergency program.

WARNING: In these conditions, we recommended that you stop the vehicle and turn off the engine for at least one minute. When restarting the engine, the autodiagnostic system may cancel the malfunction, which will in any case be recorded by the ECU.

In failure conditions, the gearshift lever **A** can however be shifted to **R**, **N** and **D**.
When shifting to **D**, only a few gears will be available, depending on the malfunction found.

WARNING: If a gearbox failure is signalled, take your vehicle to the nearest Centre of the **Maserati Service Network** as soon as possible to have the problem corrected.

If the failure is signalled when the engine is started, it means that the gearbox ECU detected a fault when the vehicle was last used. Also in this case, take your vehicle to the nearest Centre of the **Maserati Service Network** to have the gearbox checked.

When the gearbox is malfunctioning, drive very carefully considering that vehicle performance is reduced. In addition, the reverse gear safety lock may not be active: absolutely do not shift the lever to R when the vehicle is moving.

Gearbox oil temperature too high

This message is displayed when the gearbox oil has reached the maximum temperature. In this case, the gearbox ECU sets an emergency program.

WARNING: It is advisable to stop the vehicle, shift the lever to **P** or **N** and keep the engine running idle until the warning light goes off and the message disappears. Resume driving without demanding high engine performance. If the warning light comes on again and the message reappears, stop once again letting the engine idle until the light goes off and the message disappears.
If the interval between the two indications is less than 15 minutes, it is advisable to stop the vehicle, turn off the engine and wait for the engine/gearbox assembly to fully cool down.

Push start

The engine cannot be push-started. If the battery is dead, start the engine using an appropriate emergency battery following the instructions given in section 6 “In an emergency”.

Towing the vehicle

If you need to tow the vehicle, observe the following recommendations:

- if possible, have the vehicle transported on a vehicle equipped with loading platform and specific for roadside assistance and recovery.

If this is not possible:

- tow the vehicle for a distance of less than 100 km (62 mi) at a speed below 60 km/h (37 mph).

Tow the vehicle using the towing hook found in the toolkit. Screw the towing hook down tightly in its seat, on the lower, right-hand side of the front bumper.
In order to tow the vehicle, turn the key to **MAR** and engage Neutral by shifting the gearshift lever **A** to **N.**
Should the EPB be applied, you must disengage it (see page 174).

Do not extract the key, as the steering wheel will lock automatically and you will be unable to steer the wheels.

When towing the vehicle, make sure that you observe the road traffic regulations concerning both the towing device and driving conduct.

When towing the vehicle with the engine off, remember that, without the assistance of the brake servo, a stronger effort is required on the brake pedal for braking and on the steering wheel for steering.

Screw down the towing hook into its seat (approx. 11 turns). Accurately clean the threaded seat before tightening the hook.

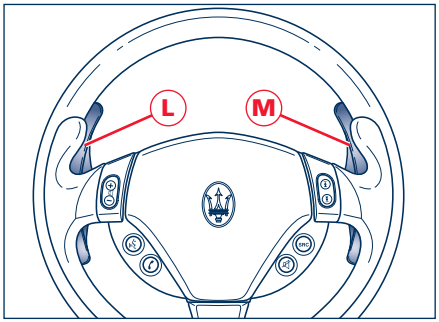
Gearshift paddles on the steering wheel

In sequential manual operating mode (MANUAL), upshifting and downshifting can be controlled not only with the gearshift lever **A** but also with the two paddles positioned behind the steering wheel.

L - Lower gearshift paddle DOWN.

M - Upper gearshift paddle UP.

Also in automatic gearbox mode, when the gearshift lever **A** is in position **D** (DRIVE), you can shift to a different gear by moving one of the paddles. This action will temporarily switch the system to sequential manual operation.



If you then keep to a constant driving style (low longitudinal and lateral acceleration), the gearbox automatically switches back to automatic operation.

Using the brakes

To obtain a good running in of brake pads and discs, avoid sudden braking during the first 300 km (186 mi).

ABS is a component of the braking system that offers two basic advantages:

- It avoids locking of the wheels and thus skidding during emergency braking, especially under low grip conditions.
- It makes it possible to brake and steer at the same time in order to avoid unexpected obstacles or to direct the vehicle where desired when braking: this is in keeping with the physical limits of the tyre side grip.

In order to fully exploit the ABS system features:

- You will note a light vibration of the brake pedal during emergency braking or braking under low grip conditions: this is a sign that the ABS is working. Do not release the pedal but continue to press it to give continuity to the braking action.
- The ABS prevents the wheels from locking, but it does not increase the physical grip limits between the tyres and the road. Therefore, even if your vehicle is equipped with ABS, always keep a safe distance from the vehicle in front of yours and reduce your speed when entering a bend.

The pad wear limit is indicated by the illumination of the warning light on the instrument panel.
In this event, please contact the **Maserati Service Network**.

Using the engine

Breaking-in

Today's most modern methods of production afford high precision in the construction and assembly of components. However, the moving parts do undergo a settling process, basically in the first hours of the vehicle operation.

Engine and transmission

Avoid exceeding 5000 RPM for the first 1000 km (620 mi).
After starting the vehicle, do not exceed 4000 RPM until the engine has warmed up sufficiently (water temperature: 65, 70 °C).
Do not let the engine run at a constantly high speed for a prolonged time.

While driving

Never travel with the Rev. Counter approaching the peak RPM - not even downhill.
When the Rev. Counter is approaching the peak RPM (red sector), take precautions to avoid exceeding that limit.

WARNING: Under normal conditions, all the red light warning lights on the instrument panel multi-function display should be off. When they come on, they indicate a malfunction in the relative system. The only exception is the engine oil level warning light, see page 228.

Ensure proper operation of the various devices by checking the relative control instruments.

WARNING: Continuing to drive when a red warning light comes on could cause serious damage to the vehicle and affect performance.

Never turn the engine off while driving downhill as the vacuum decrease prevents the brake booster from functioning correctly. After a few attempts at braking the system will become almost completely inefficient. The power steering will also lose its efficiency in these condition.

Engine control system (EOBD)

The **EOBD** (European On Board Diagnosis) fitted in the vehicle complies with EC directives: 715/2007/EEC and 692/2008/EEC (Euro 5).

This system continuously monitors the components of the vehicle related to emissions; it also indicates, when the warning light illuminates on the instrument panel, that the components in question are in poor condition.

The objective is the following:

- keep system operating efficiently under control;
- indicate when a problem causes an increase in emissions exceeding the limits established by European regulations;
- indicate the need for replacement of worn components.

In addition, the system is equipped with a diagnostics connector that, when interfaced with suitable instruments, makes it possible to read the error codes stored in the ECU, together with a set of specific parameters for engine operation diagnostics.

WARNING: When the ignition key is turned to **MAR**, if the warning light does not illuminate or if it illuminates while driving, contact the **Maserati Service Network** as soon as possible.

WARNING: After the problem has been corrected, the **Maserati Service Network** personnel is required to perform tests on the test bench for a complete check of the system and, if necessary, also road tests which may even involve long distances.

Cruise Control

General

The Cruise Control function allows the driver to maintain the desired vehicle speed constant without pressing the accelerator pedal. This reduces driving fatigue on highways, especially long trips, as the set speed is automatically maintained.

WARNING: The device can only be activated at speeds exceeding 30 km/h (19 mph) and it turns off automatically when the brake pedal is depressed or when a speed of 200 km/h (125 mph) is exceeded.

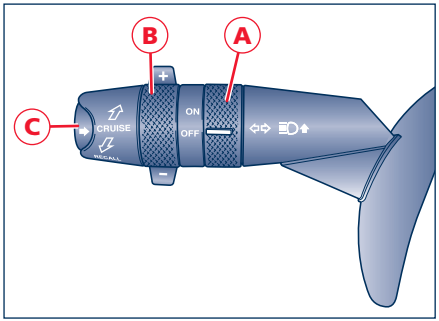
Cruise Control must only be activated when traffic and the route permit a constant speed to be maintained safely for a sufficiently long distance.

Controls

Cruise Control is controlled by switch **A**, by the rotating section **B** and by button **C** (RCL).
Switch **A** has two positions:

- **OFF**: the device is deactivated;
- **ON**: the device is active. When the device is activated, the green warning light on the display illuminates together with the message “Cruise control on”.

The rotating section **B** is used to store the vehicle speed and to keep it constant, or to increase or decrease the speed stored.



Turn the rotating section **B** to position (+) to save the speed reached or to increase the speed stored.
Turn the rotating section **B** to position (–) to decrease the speed stored.
Every time rotating section **B** is reset, the speed is increased or decrease by approx. 1 km/h (0.6 mph). Keep the rotating section turned to vary the speed continuously. When a new speed is reached, it will automatically remain constant.
Button **C** (RCL) is used to resume the speed stored.

WARNING: When the ignition key is turned to **STOP** or switch **A** is in the **OFF** position, the speed stored is erased and the system deactivated.

Storing a speed

Turn switch **A** to **ON** reach the desired speed driving normally. Turn the rotating section **B** to (+) for at least three seconds and then release it.
The vehicle speed is stored and the accelerator pedal can be released.
The vehicle will proceed at the constant speed stored until the brake pedal is pressed.
If necessary, (for example, to pass another vehicle), you can accelerate by simply pressing the accelerator pedal. Afterwards, when you release the accelerator pedal, the vehicle will return to the speed previously stored.

Resuming the speed stored

If the device has been deactivated after braking, the speed previously stored can be resumed as follows:

- gradually accelerate until you reach a speed close to that stored;
- engage the gear selected when the speed was stored (4th, 5th or 6th gear);
- press button **C** (RCL).

Increasing the speed stored

The speed stored can be increased in two ways:

- by pressing the accelerator and then storing the new speed reached (turn the rotating section **B** for more than three seconds);

or

- by turning the rotating section **B** to position (+): each impulse transmitted by the rotating section will cause a slight increase in speed (about 2 Km/h - 1 mph), whereas a constant pressure on the same rotating section will cause a continuous increase in speed. When the rotating section **B** is released, the new speed will be automatically stored in the memory.

Decreasing the speed stored

The speed stored can be reduced in two ways:

- by deactivating the device, pressing the brake pedal and then storing the new speed (turning the rotating section **B** to position (+) for at least three seconds);

or

- by keeping the rotating section **B** turned to position (-) until reaching the new speed, which will be stored automatically.

Resetting the speed stored

The speed stored is automatically reset:

- by turning the engine off;

or

- by turning switch **A** to **OFF.**

When driving with Cruise Control activated, do not shift to neutral. It is advisable to activate Cruise Control only when traffic and road conditions permit safe use of this device, that is: on straight and dry roads, expressways or highways, smooth-flowing traffic and smooth asphalt. Do not activate this device when driving in town or in heavy traffic.

Cruise Control can only be activated at speeds exceeding 30 km/h (19 mph).

The device can only be activated in 4th, 5th or 6th gear, depending upon the vehicle speed.

When driving downhill with the device activated, the vehicle may pick up speed slightly exceeding the speed stored, due to the change in the engine load.

In the event of malfunctioning or failure of the device, turn switch A to OFF and contact the Maserati Service Network after having checked that the relative fuse is in proper working order.

Switch A can be always left at ON without damaging the device. In any case, it is advisable to deactivate the device when it is not in use. Turn switch A to OFF to prevent any speeds from being unintentionally stored.

Skyhook suspension (*)

The electronic system controlling the vehicle suspension uses the sophisticated on board sensors and is aimed at optimising vehicle performance.
The system is capable of constantly monitoring suspension damping by means of the actuator fitted on each shock absorber. This way, the shock absorber setting is suited to the road surface conditions and vehicle dynamics, thus improving passenger comfort and road-holding.
By pressing button **A** the drivers can choose, even while driving, a normal or racing-type setting for the suspension, depending on their own driving style. This way, the system operates with a shock absorber "softer" setting in Normal mode, and a "harder" setting if **SPORT** mode is selected.

(*) This system is linked to the model and market availability.

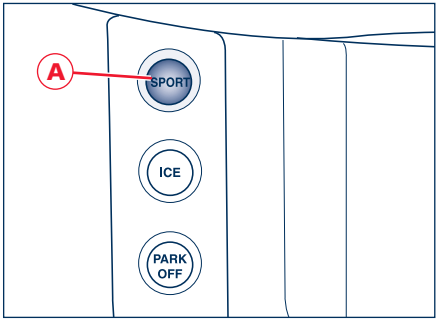
The system is controlled by an ECU which manages the solenoid valves on each shock absorber in response to the sensor signals, thus adjusting suspension damping and setting.
The sensors which enable the ECU to calculate the vehicle speed, vertical and side acceleration, as well as the instantaneous braking system pressure, thereby controlling suspension damping, are the following:

- front left-hand vertical acceleration sensor;
- front right-hand vertical acceleration sensor;
- rear vertical acceleration sensor;
- front left-hand wheel acceleration sensor;
- front right-hand wheel acceleration sensor;
- lateral acceleration sensor;
- driving speed sensor;
- brake pedal switch.

The strategy used by the system controlling suspension damping is aimed at reducing the vertical oscillations of the vehicle (rolling and pitching) to a minimum.
The activation of **SPORT** mode sets the suspension for sports-style driving and acts on the ASR and Automatic Gearbox systems as well, modifying their setting for racing-style driving.

Self-diagnostics

Whenever the engine is started, the system performs a self-diagnostic cycle. If a malfunction is found, the relative icon is displayed accompanied by the message "Check suspensions".



Calibration selection

The driver can select, in relation to road surface conditions, vehicle speed, driving style and comfort, one of the two calibration levels provided by the system: normal or sports-style.
Normal calibration, active when **SPORT** mode is disabled, favours comfort and higher driving stability with low and average grip conditions.
Sports-style calibration, active when **SPORT** mode is enabled, favours wheel drive and permits a racing-style driving with optimal road holding.
Whenever the engine is started, the system automatically activates **NORMAL** mode, even if **SPORT** mode was selected before the engine was last turned off.
The racing-style calibration can be selected only with the ignition key in **MAR** position and it is enabled by pressing button **A**, even while driving: when **SPORT** mode is activated, the word "SPORT" on the multi-function display and the LED on the button illuminate.

WARNING: SPORT mode should not be activated if the road surface is rough or slippery.

Press button **A**: to reset the normal calibration, also while driving. When the normal calibration is activated, the "SPORT" warning light on the multi-function display and the button LED go off.

The electronic suspension control system works in combination with the **ESC** system (Electronic Stability Control): when the suspension is set to normal, stability is increased under medium and low grip conditions, while when **SPORT** mode is enabled, the **ESC** system optimises racing-style driving.

WARNING: In low- and medium-grip conditions (e.g., rain, snow, ice, sand, etc.) it is advisable not to use **SPORT** mode, even with the **ESC** enabled.

Malfunction indicators

If one or more electric components in the system prove to be malfunctioning while driving, the ECU illuminates the relative warning light  accompanied by the message "Check suspensions" on the display. In addition, the ECU calibrates the shock absorbers to a preset value, thus ensuring a safe vehicle set up.
Should the malfunction involve one shock absorber only, this will no longer be controlled by the ECU and will therefore remain set as it was when the fault occurred. It is therefore possible for one of the four shock absorbers to work with a fixed calibration, different from that of the other ones.
In any case, safe and secure vehicle driving is always ensured at low speeds.

WARNING: In the event of a malfunction in the suspension control electronic system, which will be indicated by the illumination of the warning light on the display while driving, keep a moderate speed and have the vehicle checked as soon as possible by the **Maserati Service Network**.

If a malfunction occurs while driving, and this is signalled by the illumination of the warning light on the display, it is advisable to stop the vehicle as soon as possible, turn the ignition key to **STOP** and then restart the engine.

If the malfunction is no longer present and the warning light on the display does not illuminate again, the electronic suspension system will resume normal operation. On the other hand, if the problem persists, the warning light on the multi-function display will turn on again. In both cases, the system must be checked by the **Maserati Service Network**.
The fault found is memorised by the ECU and can be diagnosed at the **Maserati Service Network** even if it has disappeared spontaneously.

Headlights

Bi-xenon headlights

The gas-discharge (Xenon) headlights work by means of an electric arc saturated with Xenon gas under pressure, instead of the incandescent filament.
The light produced is highly superior to that of traditional light bulbs, in terms of quality (brighter light) as well as in relation to the span and positioning of the area illuminated.
The advantages offered by improved lighting are clearly perceivable by the driver (less eye strain and increased orientation for the driver, with consequent enhanced driving safety). This is particularly perceived in the case of bad weather, fog and/or insufficient road indications, thanks to the broader illumination of the side zones, which are normally left in the dark.

The broader illumination of the side zones greatly increases driving safety as it allows the driver to better locate anybody at the sides of the road (pedestrians, bicycle riders and motorcycle riders).
The electric arc requires very high voltage for activation, but afterwards power is supplied at a lower voltage.
The headlights reach maximum brightness about 0.5 seconds after being turned on.

The strong light produced by this type of headlight requires the use of an automatic system to keep the position of the headlights constant and to prevent dazzling approaching cars, in the case of braking, acceleration or load transport.

If bulb replacement is necessary, contact the Maserati Service Network only: RISK OF ELECTRICAL SHOCK!

In addition, the headlights are equipped with an ALC system (Adaptive Light Control).
This system combines the light beam with the steering angle and the vehicle speed to assure better visibility of the road surface when driving in a curve, steering or in the event of road deviations.

Driving conditions

Before a trip

Check the following at regular intervals and always before long trips:

- tyre pressure and condition;
- levels of fluids and lubricants;
- conditions of the windscreen wiper blades;
- proper operation of the warning lights and of the external lights.

WARNING: It is always advisable to perform these checks at least every 800 km (500 mi) and to always follow the maintenance operations provided for in the “Warranty and Maintenance Schedule” book.

It is also advisable to:

- clean the glass on the external lights and all other glass surfaces;
- properly adjust the mirrors, steering wheel, seats and seat belts.

Capacities

WARNING: Use unleaded fuel only! The use of fuel containing lead will permanently damage the catalytic converter(s) and oxygen sensor system.

For fluid and lubricant specifications and quantities, follow the indications contained in section 7 “Capacities and technical specifications”.

Safe driving

Although the vehicle is fitted with active and passive safety devices, the driver’s conduct is always a decisive factor for road safety.
Below are some simple rules for travelling safely in different conditions. You will be, no doubt, familiar with some of them but, in any case, it would be useful to read them carefully.

Before you drive

- Make sure that the lights and headlights are working properly.
- Adjust the position of the seat, steering wheel and rear-view mirrors so that you have the best driving position.
- Check that nothing (e.g. mat covers, etc.) is blocking the pedals.
- Carefully arrange any objects in the luggage compartment, to prevent sudden braking from jerking them forward.
- Avoid heavy meals before a trip. A light snack helps to keep your reflexes sharp. In particular, avoid drinking alcohol.
- Remember to read, at regular intervals, the instructions contained in the chapter “Before a trip”, in this section.

In addition to being prohibited by current regulations, it is extremely dangerous to travel inside the luggage compartment or on the front and rear lids of the vehicle. In the event of an accident, persons transported in this manner are more exposed to the risk of serious injury. Passengers must only travel seated in the vehicle seats, with the seat belts fastened properly. Always check that you and your passengers have your seat belts fastened correctly.

While driving

- Caution is the first rule for safe driving. Being careful also means being able to predict driving behaviour of other drivers that is wrong or careless.
- Keep a safe distance from vehicles in front of you, adjusting this distance in accordance to the vehicle speed and traffic conditions.
- Strictly follow the traffic regulations applicable in each country and above all, respect the speed limits.
- Long trips should be started in optimal physical condition.

Drunk driving, or driving under the influence of drugs or certain medicines is extremely dangerous for the driver and for others.

Always fasten your seat belts, including any child seats. Travelling without your seat belt fastened increases the risk of serious injury in the event of a collision.

- Make regular stops to loosen up your limbs and refresh yourself, and avoid driving for hours on end.
- Ensure that the air inside the passenger compartment is changed constantly.
- Never coast downhill with the engine off: the braking action requires greater effort on the pedal due to the absence of the engine brake and of the brake servo.

Driving at night

The main guidelines to follow when driving at night are set out below:

- Drive with the greatest caution: at night, driving conditions are more demanding.
- Reduce your speed, especially on roads with no street lights.
- At the first signs of drowsiness, stop: to continue driving would be a risk for yourself and for others. Proceed only after you have had a rest.
- 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 can only see the lights.
- Make sure that the headlights are aimed correctly: if they are too low, they reduce visibility and strain the eyes. If they are too high, they may bother the other drivers.
- Use the high beams only outside of urban areas and when you are sure that they will not disturb other drivers.
- When another vehicle is approaching, switch the high beams (if on) to low beams.
- Keep the 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 the manoeuvres are more difficult since wheel grip on the asphalt is significantly reduced. This means that the braking distances increase considerably and the road holding decreases.
Below are some advices for driving in the rain:

- Reduce your speed and keep a greater safety distance from the vehicles in front of you. High speed may result in loss of vehicle control and aquaplaning.
- Heavy rain also 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 controls to demisting, in order to avoid any visibility problems.
- Periodically check the conditions of the windscreen wiper blades.

Driving in fog

If the fog is dense avoid travelling where possible.
When driving in mist, blanket fog or when there is the possibility of banks of fog:

- Keep a moderate speed.
- Even during daytime, turn on the low beams and the front and rear fog lights. Do not use the high beams.
- Remember that fog creates dampness on the asphalt and thus any type of manoeuvre is more difficult and braking distances are greater.
- Keep a safe distance from the vehicle in front of you.

- Avoid sudden changes in speed as much as possible.
- Whenever possible, avoid passing other vehicles.
- 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 vehicle horn rhythmically if you hear another vehicle approaching.

- When you get out of the vehicle, put on the high-visibility vest.

Driving in the mountains

On downhill roads, use the engine brake, engaging low gears so as not to overheat the brakes.

- Never coast downhill with the engine off or in neutral, and never with the ignition key removed.
- Drive at a moderate speed and avoid “cutting” corners.
- 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

Below is some general advice for driving in these conditions:

- Keep a very moderate speed.
- Fit snow chains or specific tyres if the road is covered with snow: see the chapters “Snow chains” and “Winter tyres” in this section.
- Mainly use the engine brake and avoid sharp braking.
- We recommend that you activate “Low grip” mode (see page 153).
- Avoid sudden acceleration and sharp changes in direction.
- 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 a safe distance from the vehicles in front.

Pollution control devices

Even if the vehicle is fitted with anti-pollution devices, the environment deserves the greatest respect from every one of us.
By following a few simple rules, the driver can avoid damaging the environment and very often can reduce fuel consumption as well.
In this regard, some useful information is listed here below; please read it carefully.
The correct operation of the anti-pollution devices not only helps respect for the environment, but also has an impact on vehicle efficiency.
Keeping these devices in good working conditions is the first rule for driving both ecologically sound and economically.
The first precaution is to follow the Maintenance Schedule scrupulously.
Always use unleaded fuel.

If starting is difficult, do not make prolonged attempts.
In particular, avoid push starts, towing or downhill starts: these are all manoeuvres that can damage the catalytic mufflers.
For any emergency starting, only use an auxiliary battery.
While driving, if the engine does not run smoothly, you may continue driving but reducing engine performance to a minimum; you should then contact the **Maserati Service Network** as soon as possible.
Never run the engine, even if only for testing, with one or more spark plugs disconnected.
Do not warm up the engine letting it idle before starting off, except in the event that the external temperature is very low and, even then, for no longer than 30 seconds.

During normal operation the catalytic converter produces high temperatures. Therefore, do not park the vehicle on flammable materials (e.g. grass, dry leaves, pine needles, etc.): risk of fire!

Do not install heat guards and do not remove those already fitted to the catalytic converter and to the exhaust manifold.
Do not spray anything on the catalytic converter, Oxygen sensor and exhaust manifold.

Failure to comply with these rules can create fire hazards.

Other tips

- Do not warm up the engine when the vehicle is stationary: in these conditions the engine heats up much more slowly, thus increasing fuel consumption and emissions. It is advisable to move off slowly, avoiding high engine RPM.
- As soon as traffic conditions and the route permit it, use a higher gear.
- Avoid Depressing the accelerator repeatedly during stops at traffic lights or before turning off the engine.
- Keep your speed as regular as possible, avoiding unnecessary braking and acceleration, which cause fuel wastage and strongly increase exhaust emissions.
- Turn the engine off if the vehicle remains stationary for a long time.
- Check the tyre pressure regularly: if the pressure is too low, fuel consumption increases and the tyres are damaged.
- Do not transport unnecessary objects in the luggage compartment. The weight of the vehicle affects fuel consumption considerably.
- Use the electrical devices only as long as necessary. The power required increases fuel consumption.

Parking

Pull the parking brake, straighten the wheels and turn off the engine.
Never leave the ignition key in position **MAR**.
Always remove the key when getting out of the vehicle.

Never leave children unattended in the vehicle.

Do not park the vehicle on paper, grass, dry leaves or other flammable materials. They could catch fire if they come into contact with hot parts of the exhaust system.

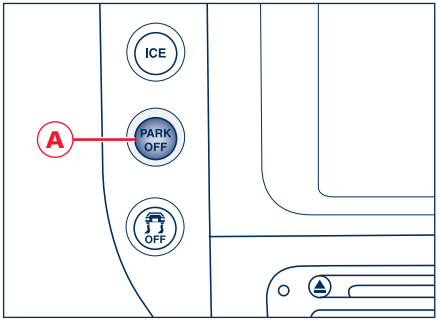
Do not leave the engine running with the vehicle unattended.

Electric parking brake

The vehicle is equipped with an electric parking brake (EPB).
It is automatically engaged when the engine is turned off and it is disengaged when, with the engine running, the accelerator pedal is depressed.

When the electric parking brake is engaged, with the key turned to **STOP**, the warning light Ⓟ illuminates on the instrument panel and the words "EPB ON" appear on the display.
During engagement and disengagement, the warning light Ⓟ flashes until the maximum engagement force and full release have been reached.
In the above conditions, the automatic activation function can be deactivated/activated by pressing the button **A** on the dashboard.

During engagement or disengagement of the electric parking brake, always hold the brake pedal depressed.



WARNING: When you need to park the vehicle on a steep slope, both with the engine running and off, it is recommended not only to apply the electric parking brake but also to shift the gearshift lever to P (PARK) before leaving the vehicle.

When the EPB button is activated while driving, the vehicle slows down with strong deceleration (Dynamic Braking). It is therefore advisable to use this function only in case of an emergency. The ESC system, however is always on, and will help keep the vehicle stabilized.

Engagement

The electric parking brake is automatically applied when the engine is turned off and the vehicle is stationary.
It can only be disengaged when the engine is restarted.
If the key has been removed or is in position **STOP**, it cannot be disengaged.
The electric parking brake can also be manually applied when the vehicle is moving or the key is in **MAR** position by pulling up the lever **B**.

If the engine was turned off with the automatic engagement device deactivated, you can reactivated it simply by pulling lever **B** upward. The words “EPB ON” appear on the display.

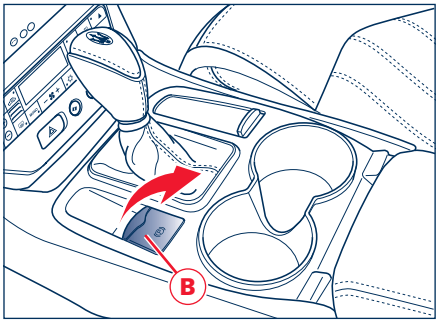
Always check that the vehicle is properly locked before leaving it.

Disengagement

The parking brake is automatically disengaged when depressing the brake pedal and moving the gearshift lever from position **P** (a pressure of at least 5 bar must be generated in the braking system), or with a gear engaged and pushing the accelerator pedal.
The parking brake can also be manually disengaged when the vehicle is moving or the key is in position **MAR** by manually pulling up lever **B** and simultaneously depressing the service brake pedal.

WARNING: If you attempt to disengage the parking brake without having depressed the service brake pedal, a message will be displayed to warn you to do so.

WARNING: 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.

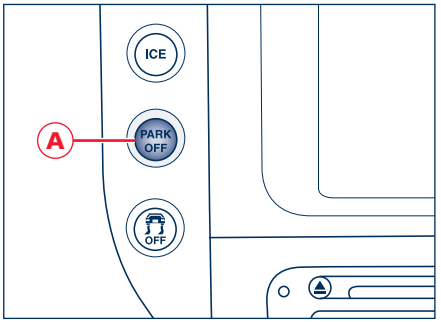


Deactivating PARK OFF automatic operation

To deactivate manual operation of the parking brake, with the engine on, press the button **A** on the dashboard. The words “PARK OFF” appear on the display for 5 seconds, after which they remain displayed but in smaller size. To reactivate automatic operation, press the button **A** once again, the words “PARK ON” appear on the display for 5 seconds.

WARNING: In certain conditions when the battery voltage is low, the electric parking brake system may temporarily be deactivated for safety reasons. Therefore, typically upon starting the engine, when the battery voltage drops, the message “PARK OFF” may temporarily be displayed, indicating that automatic operation is temporarily disabled.

WARNING: In the case of performance starting, check that the electric parking brake is disengaged.



Malfunction indication

In the event of electric parking brake system failures, the warning light Ⓟ! on the display will come on.
Depending on the message displayed, it signals the following failures of the EPB system:

- Parking brake failure go to dealer.
  If the message warning you to go to the nearest Service Centre of the **Maserati Service Network** is displayed, drive slowly and remember that the electric parking brake device is not functioning.
- EPB is overheated.
  If the vehicle has been stationary (key to **STOP**) for about 15 minutes without using the parking brake, and the warning light illuminates again after restarting the engine, slowly drive to the nearest Service Centre of the **Maserati Service Network**.
  If the parking brake failure is accompanied by the message "Only manual unlock allowed", follow the manual emergency deactivation procedure in order to release the parking brake.
- Parking Brake system revision go to dealer.
  The EPB system requires maintenance, therefore contact a Service Centre of the **Maserati Service Network** to have the system corrected.

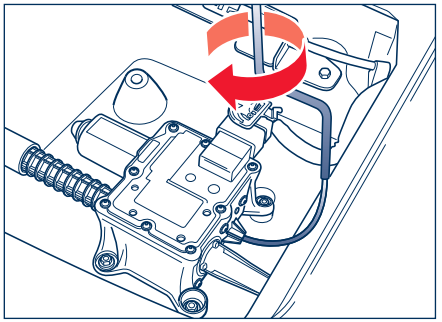
In the event of an EPB failure, take your vehicle to the nearest Centre of the Maserati Service Network as soon as possible.

Emergency disengagement

In the event that the electric parking brake jams with a total system failure, you need to manually disengage the parking brake using the special tool provided in the toolkit.
Proceed as follows:

- remove the toolkit and spare wheel compartment covering panel from the luggage compartment;
- remove the covering panel containing the toolkit and the tyre repair kit, found in front of the battery compartment;
- remove the cap on the right-hand side of the EPB control unit;
- insert the special tool into place;
- turn the handle clockwise until it is unlocked;
- remove the tool from its seat and close it with the cap.

After each manual emergency disengagement procedure, the electric parking brake system remains non-functioning until the situation is corrected by the Maserati Service Network.



Tyres

Inflation pressure with cold tyres

The tyre inflating ratings shown in this manual must be read as values applicable with cold tyres.

The maximum speed reachable with winter tyres is indicated by the tyre manufacturer. Always comply with the regulations in force in the Country you are driving in.

When using the spare wheel (emergency wheel) do not exceed 80 Km/h (50 mph). Avoid driving at full throttle, braking sharply and cornering at high speeds.

Winter tyres

These tyres are specially designed for driving on snow and ice and should be fitted to replace the ones supplied with the vehicle.

Only use winter tyres having the same dimensions as those provided with the vehicle or as indicated on page 221.

The **Maserati Service Network** is available to provide suggestions as to the types of tyres most suited to the use foreseen by the Customer.
For the type of tyres to use, inflation pressures and relative specifications for winter tyres, carefully follow the indications found in the section “Capacities and technical specifications”.
The features of these winter tyres are strongly reduced if the tread depth is less than 4 mm (0.2 in). In this case, they should be replaced.

The specific features of the winter tyres lead to lower performance under normal environmental conditions or on long highway trips, compared to the standard tyres. Therefore, they should only be fitted for their intended use, for which they have been approved.

Fit identical (manufacturer and tread) tyres on all four wheels, in order to ensure safe driving, braking and good handling.

Remember that the direction of tyre rotation should not be reversed.

Snow chains

The use of snow chains is subject to the regulations in force in each country.
Use small-sized snow chains with a maximum projection of 9 mm (0.35 in) beyond the tyre tread.
The chains should be fitted only on the driving wheel tyres (rear wheels).
Check chain tension after driving for a distance of about 50 m (55 yd) with the chains fitted.
With the chains fitted, it is advisable to deactivate the ESC system by pressing the button OFF. System deactivation will be indicated by the relative warning light, which will illuminate on the display accompanied by a specific message.

Snow chains: brand/type
KONIG/Supermagic

Rear tyre
285/35 ZR20
285/40 ZR19 (°)

(°) Tyres available on request.

WARNING: Before purchasing or using snow chains, we recommend that you contact the **Maserati Service Network** for information.

WARNING: Keep a moderate speed when using snow chains. Do not exceed 50 km/h (30 mph). Avoid holes in the road, do not drive over steps or sidewalks and do not drive on long road stretches without snow. This will prevent damage to the vehicle and the road surface.

Useful accessories to keep in the vehicle

Regardless of the legal provisions in force, we would recommend that you keep in the vehicle:

- first aid kit (it is provided with vehicles manufactured for markets where these items are mandatory, see page 208);
- electric flashlight;
- blunt-tipped scissors;
- heavy-duty gloves;
- high-visibility vest (mandatory in the European Community).

The objects described and other essential objects can be obtained from the **Maserati Service Network**.

In an emergency

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Emergency starting

If the MASERATI CODE fails to deactivate the engine immobilizer, the CODE warning light will illuminate permanently, while the EOBD warning light will go off after four seconds to turn on again immediately afterwards: the engine will not start. To start the engine, follow the emergency starting procedure.

WARNING: We recommend that you carefully read the entire procedure before performing it. If you make a mistake, turn the ignition key to **STOP** and repeat the operations from step **1**.

1) Read the 5-digit electronic code found on the CODE CARD.
2) Turn the key to **MAR**: at this moment the CODE and EOBD warning lights are on.
3) Push and hold down the accelerator pedal. Approximately 8 seconds later, the EOBD warning light will go off. Release the accelerator and get ready to count the number of times the EOBD warning light flashes.
4) Wait until the number of flashes is equal to the first digit of your CODE CARD, then push and hold down the accelerator pedal until the EOBD warning light goes off, after about 4 seconds, then release the accelerator pedal.
5) The EOBD warning light starts flashing again. As soon as the displayed number of flashing is equal to the second digit of your CODE CARD, press down the accelerator pedal and hold it.
6) Proceed in the same manner for the remaining digits in the code on the CODE CARD.
7) When the last digit has been entered, hold the accelerator pedal pushed down. The EOBD warning light comes on for 4 seconds and then goes off; you can now release the accelerator pedal.
8) When the EOBD warning light flashes fast (for about 4 seconds) it confirms that the procedure has been performed correctly.
9) Start the engine by turning the key from position **MAR** to position **AVV.**

If the EOBD warning light remains on, turn the key to **STOP** and repeat the procedure from step 1. This procedure can be repeated an unlimited number of times.

WARNING: After an emergency staring, you should contact the **Maserati Service Network** as the emergency starting procedure will have to be carried out every time you start the vehicle.

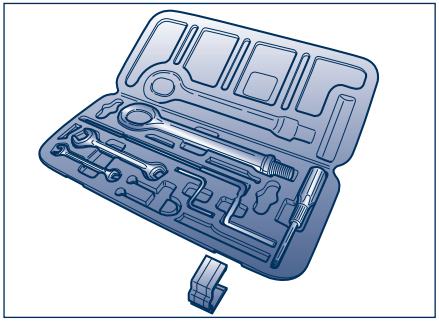
Toolkit

The vehicle is equipped with the following tooling:

- toolkit, housed in the luggage compartment;
- tyre repair kit;
- reflecting triangle;
- box with electric compressor, jack and tools for fitting the spare wheel (optional), located inside the spare wheel itself.

The toolkit, housed under the floor panel, contains:

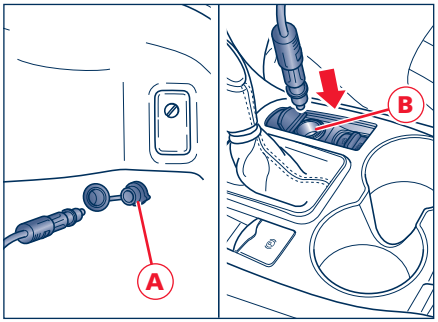
- 8 + 10 open end wrench;
- 13 + 17 open end wrench;
- double slot + cross-head screwdriver;
- tow hook;
- tool for electric parking brake actuator release;
- soft top hinge locking/unlocking tool.



If a tyre is punctured

For the tyre repair procedures see the instructions included in the tyre repair kit.

*Note: the compressor power plug may be inserted either in the 12V socket **A** inside the luggage compartment, or in the passenger compartment socket **B**, next to the gearshift lever.*



Compact spare wheel (optional)

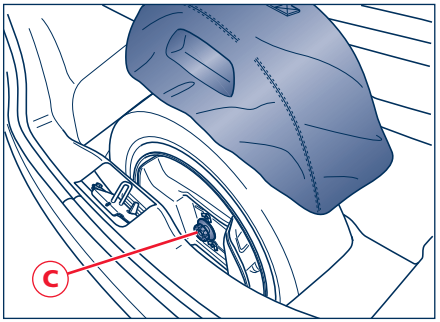
Do not exceed a maximum speed of 80 km/h (50 mph) when using the compact spare wheel; when this limit is exceeded, the ESC system will be deactivated, compromising the stability, road holding and braking of the vehicle. Avoid accelerating to full speed, heavy braking and fast cornering.

Upon request, the vehicle can be equipped with a compact spare wheel, jack and tools for changing wheels.
Compact spare wheels are stored in the luggage compartment, covered with a bag and supplied deflated in order to limit the amount of space occupied. An electric compressor is also provided for inflating.
The bag covering the compact spare wheel has a side pocket containing the protective bag for the standard wheel that has been removed along with a pair of gloves.
In the event of a tyre puncture, proceed as follows:

- Stop the vehicle in a place that does not constitute a danger to traffic and where the wheel can be changed safely. The vehicle must be level and on firm ground.
- Make sure that the electric parking brake is engaged.
- Select **P** (PARK) mode and then turn the key to **STOP.**
- If necessary, turn the hazard warning lights on and place the warning triangle at the required distance.

WARNING: If the vehicle has been stopped on a slope or an uneven surface, place chocks or other suitable items in front of or behind the wheels to stop the vehicle from moving.

- Remove the bag covering the compact spare wheel.
- Keep the knob on the support rod **C** locked and, from the inner side of the compact spare wheel, unscrew and remove the knob on the

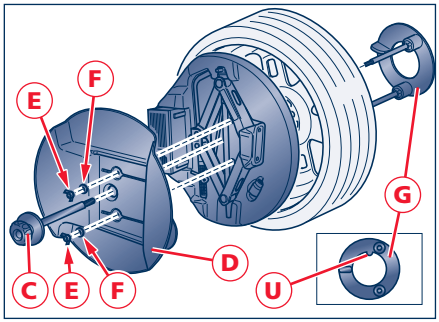


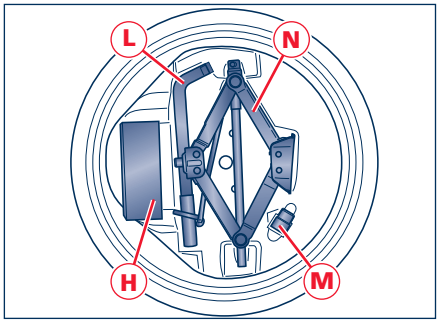
opposite side of the rod.
- Pull out the rod slightly to release the compact spare wheel from the internal retaining clamp.
- Remove the entire spare wheel and tools from the luggage compartment.

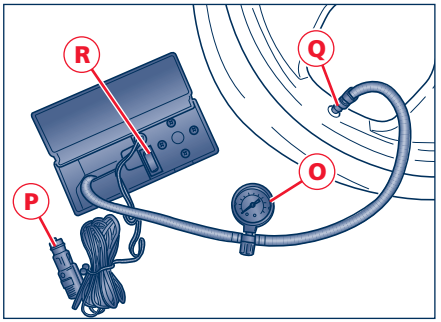
To retrieve the tools from inside the compact spare wheel:
- Remove the rod completely **C** from the cover **D**.
- Remove the cover **D** by unscrewing the two wing nuts **E** and the washer **F**. Both the cover and the plastic support with pins **G** will be freed.

The container inserted in the compact spare wheel contains:
- an electric compressor **H**, complete with pressure gauge and fitting for inflating the compact spare wheel;
- telescopic spanner **L** with rubber-coated handle for unscrewing/ tightening the wheel bolts;
- an adapter **M** to be fitted to the spanner for the wheel nuts;
- a jack **N.**

- Open the cover of the compressor and remove the hose with the pressure gauge **O** and the cable with a plug **P** for the power socket.
- Unscrew the valve cap of the compact spare wheel and screw the fitting **Q** of the inflation hose onto the valve.







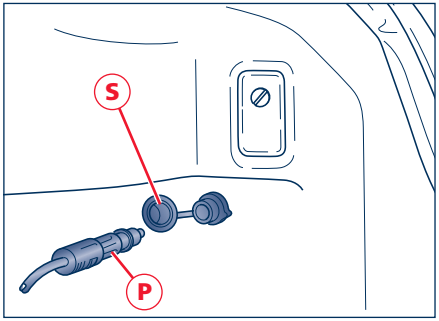
- Remove the cover **S** from the power socket located inside the luggage compartment or open the shutter, located on the centre console, to uncover the socket **T** and insert the plug **P**.
- Turn the ignition key to **MAR** to supply power to the socket and turn the compressor on by pressing the switch **R.**
- Stop the compressor when the pressure indicated by the gauge **O** is 3,5 bar (350 kPa - 50.8 psi) and screw the cap on the valve.

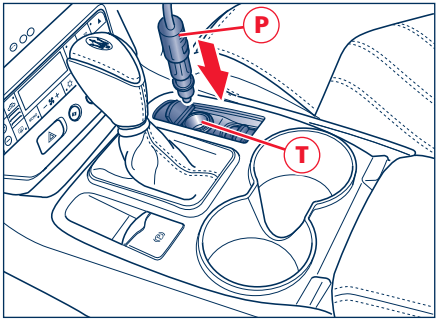
WARNING: In order to obtain a more accurate reading, the compressor should be switched off when checking the tyre pressure with the pressure gauge.

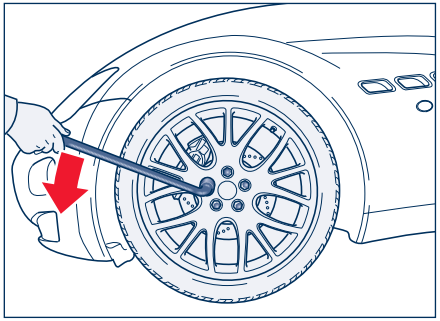
WARNING: Do not run the compressor for more than 20 minutes as there is a risk it could overheat. The compressor has been designed exclusively to inflate compact spare wheels; do not use it to inflate air mattresses, dinghies etc.

WARNING: Power is only supplied to the socket when the key is on **MAR** and can only be used with accessories that have a maximum absorption of 15A (180W power). Do not connect accessories with a higher absorption than that indicated to the power socket. Any prolonged power absorption may discharge the battery, subsequently preventing the engine from starting.

- Fit the adapter **M** on the spanner **L**. Extend the spanner for use as shown, and then loosen by approximately one turn the five bolts on the wheel to be changed.





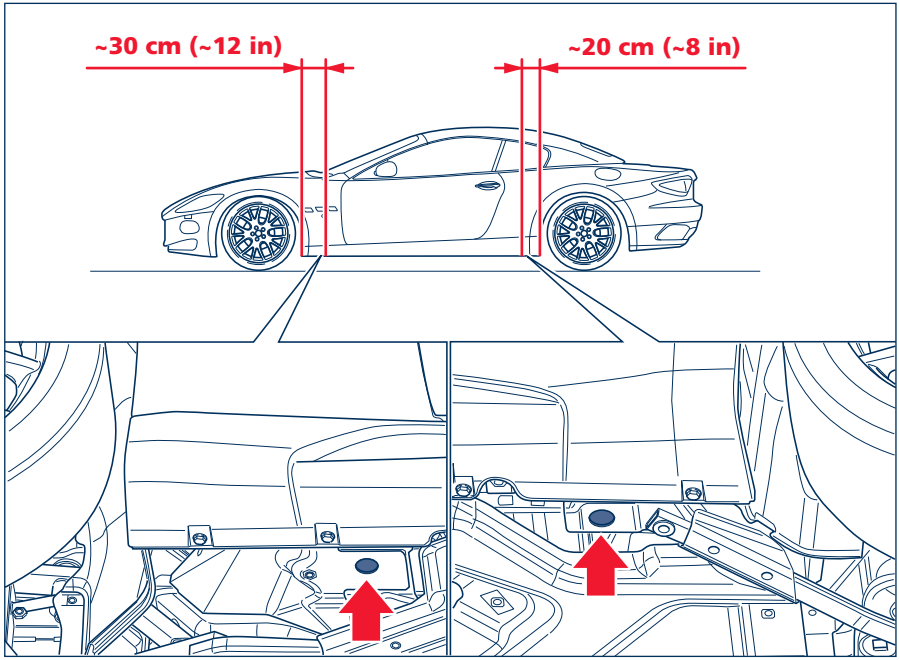


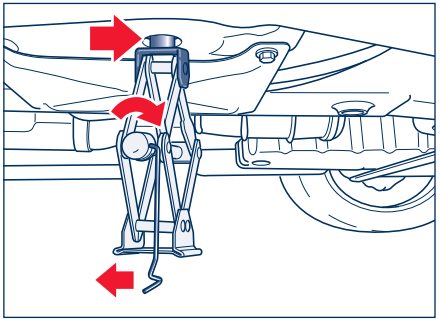
- Remove the jack from the container and partially open it by unlocking and turning the lever clockwise.
- Place the jack near the wheel to be changed, at one of the points illustrated.
- Make sure that the head of the jack is correctly inserted in one of the slots on the frame.

The lifted vehicle may fall and damage the vehicle's body if the jack is not positioned correctly.

- Turn the lever until the wheel is raised a few centimetres off the ground.
- Completely unscrew the five bolts and remove the wheel.
- Fit the compact spare wheel, securing it with the five bolts previously removed.

WARNING: The compact spare wheel must be fitted using the bolts that secure the standard wheels.

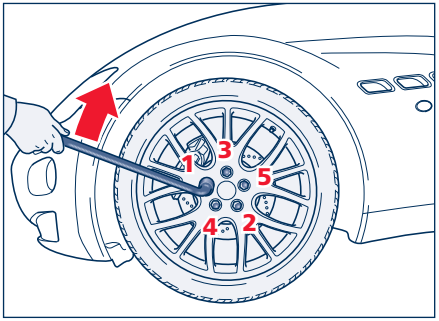




- Turn the lever of the jack to lower the vehicle and remove the jack.
- Fully tighten the bolts, alternately tightening diametrically opposite bolts in the order shown in the diagram.

The spare wheel is narrower than standard wheels and must only be used to travel the distance required to reach a service station, where the punctured tyre can be replaced.

Do not exceed a maximum speed of 80 km/h (50 mph) when using the compact spare wheel; when this limit is exceeded, the stability, road holding and braking of the vehicle will be compromised. Avoid accelerating to full speed, heavy braking and fast cornering.



The compact spare wheel must be inflated to a pressure of 3.5 bar (350 kPa - 50.8 psi).

For safety reasons, it is absolutely forbidden to drive with more than one compact spare wheel fitted on the vehicle.

Snow chains cannot be fitted on the compact spare wheel.

The spare wheel can travel a maximum of 3000 km (1,864 mi).

WARNING: Put the used wheel back in the appropriate bag found in the pocket of the bag covering the compact spare wheel.

WARNING: The repair kit is not supplied with vehicles equipped with a spare wheel.

To refit the standard wheel

- Following the procedure described above, raise the vehicle and remove the compact spare wheel.
- Fit the standard wheel.
- Tighten the bolts using the appropriate spanner, suitably extended.
- Lower the vehicle and remove the jack.
- Fully tighten the bolts in the order described above.

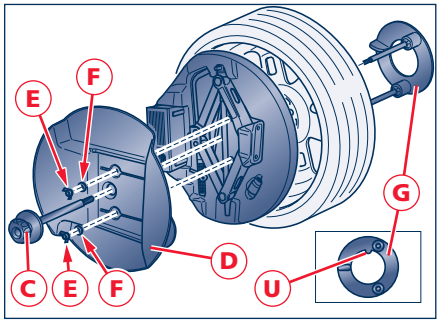
Observe the tightening torque for the bolts securing the wheels (98 ± 10 Nm). This is equivalent to a load of approximately 20 kg (44 lb) being placed on the handle of the spanner supplied when extended for use.

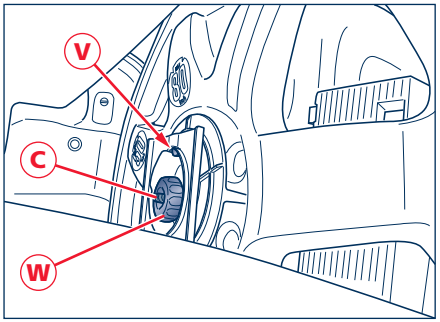
When finished:

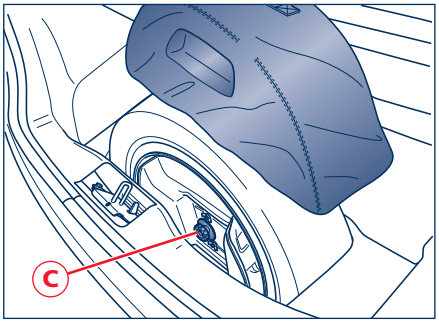
- Completely deflate the compact spare wheel by pressing on the valve with the overhang of the valve cap.
- Place the compressor, jack, the spanner and its adapter inside the compact spare wheel.
- Using the support with pins **G**, refit the cover **D**, tightening the wing nuts **E** and the washer **F**.
- Insert the rod **C** with the knob in the cover **D**.
- Place the compact spare wheel in the luggage compartment and make sure that the tooth **U**, on the support with pins **G**, is inserted in the upper opening of the retaining clamp **V**.
- Fix the end of the rod **C** to the clamp using the knob **W**.
- Cover the compact spare wheel with the bag, as shown in the diagram.

Check the pressure of the tyres after refitting the standard wheel.

The jack should only be used when changing wheels. Under no circumstances must it be used for repairs under the vehicle.







If an exterior light turns off

WARNING: Before replacing a light bulb, make sure that the corresponding fuse is intact. For replacement, use only genuine new light bulbs having the same characteristics as the bulb to be replaced.

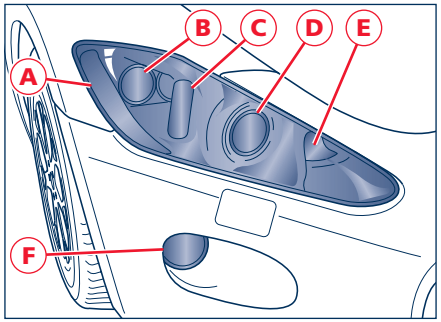
Front light clusters

To access the front light clusters from underneath the vehicle, you must first remove the wheel housing covering. The light bulbs of the front light clusters are arranged as follows:

A - side marker bulb;
B - direction indicator light bulb;
C - position light bulb;
D - bi-xenon low-beam/high-beam bulb;
E - FTP bulb, headlight flashing;
F - fog light bulb.

To replace the Xenon light bulbs, the low and high beam light bulbs and to check the system, contact the Maserati Service Network only: RISK OF ELECTRICAL SHOCK!

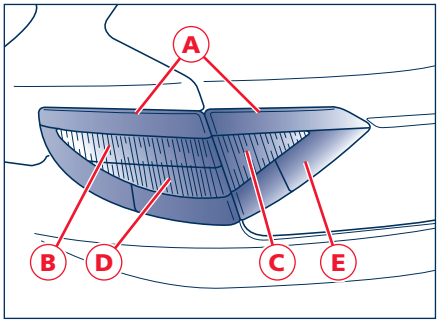
It is advisable to contact the **Maserati Service Network** also for replacing the fog lights, position lights and direction indicator lights.



Rear light clusters

The light bulbs of the rear light clusters are arranged as follows:

A - position light LED;
B - stop light LED;
C - reverse light bulb;
D - direction indicator LED;
E - rear fog light bulb.



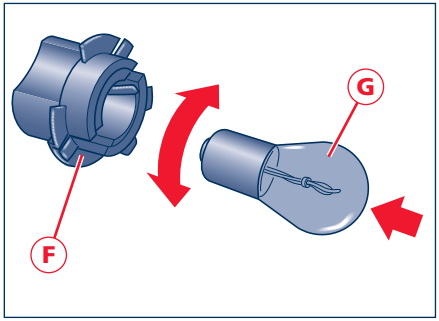
To replace a light bulb:

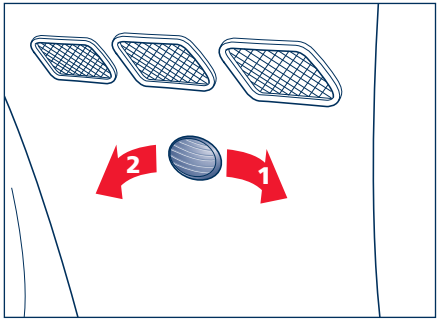
1) Lift the luggage compartment lid.
2) Open the door on the covering panel, in position with the light cluster.
3) Rotate the bulb holder **F** anticlockwise and slide it out.
4) Remove the bulb **G** by gently pushing it and rotating it counterclockwise.
5) Insert the new bulb by slightly pushing it and rotating it clockwise.
6) Insert the bulb holder and rotate it clockwise.
7) Close the door on the covering panel.

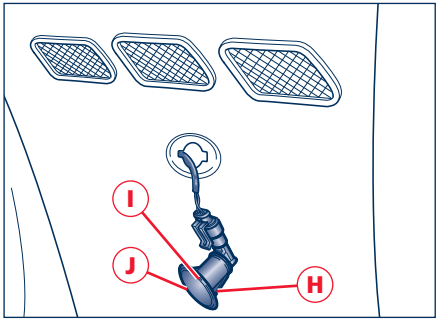
Direction indicator lights

To replace the direction indicator light bulb (5W):

1) Push the direction indicator forward to compress the spring clip **H**.
2) Take out the rear part of the indicator by releasing the retaining tab **I** and remove the unit.
3) Remove the bulb holder **J** turning it anticlockwise.







4) Remove and replace the bulb **K**.
5) Refit the bulb holder turning it clockwise.
6) Refit the direction indicator inserting first the retaining tab on the rear part and then pressing the front part until hearing the spring clip click into position.

WARNING: Proceed with care when removing the side direction indicator light to avoid damages to the vehicle body or to the indicator itself.

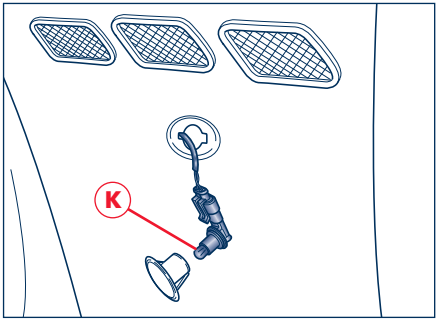
Third stop light

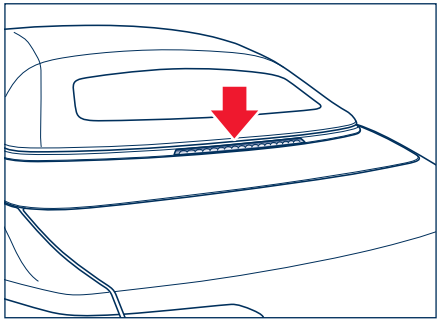
In order to replace the bulb, the light cluster must be removed. It is therefore recommended that you contact the **Maserati Service Network**.

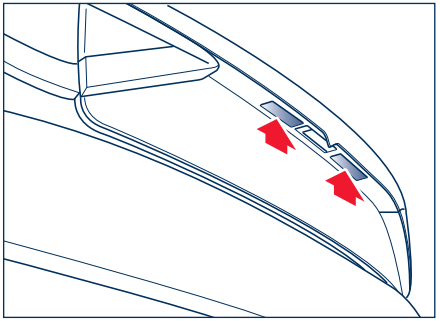
Number plate lights

To replace the number plate light bulb (C 5W):

1) Undo the fastening screws for the lens/bulb holder unit.
2) Remove the unit and replace the bulb.







If an interior light goes out

WARNING: Before replacing a light bulb, make sure that the corresponding fuse is intact. For replacement, use only original new light bulbs having the same rating as the bulb to be replaced.

Front and rear dome light

To replace the bulbs:

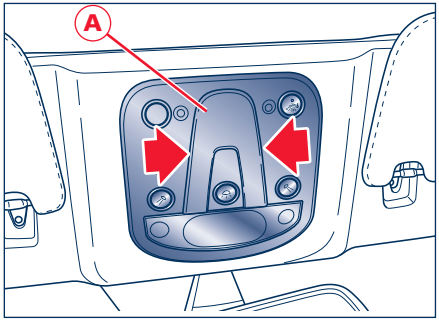
1) Using a screwdriver, gently pry at the points indicated and remove the moulding **A**.
2) Undo the three screws just uncovered and take out the dome lamp.
3) Replace the bulb concerned by rotating it:
   - timed light **B**;
   - reading lights **C**.
4) Refit the dome lamp following performing the operations opposite to those outlined above and in reverse order.

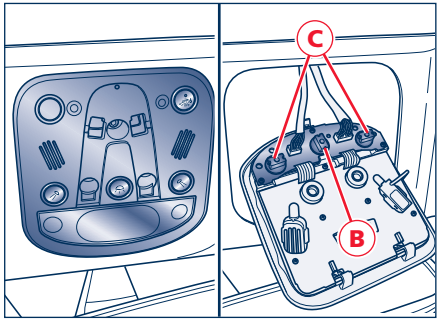
WARNING: When refitting the dome light, make sure that the electric wires are correctly positioned and do not interfere with the dome light edges and with the retaining tabs.

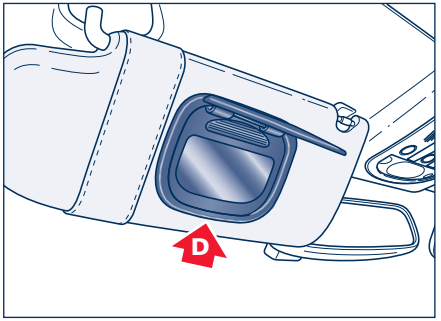
Courtesy mirror light

To replace the light bulb (12V - 5W "torpedo" type):

1) Remove the fixing plate by levering it out gently at point **D**.
2) Replace the light bulb.
3) Refit the fixing plate by pressing it.



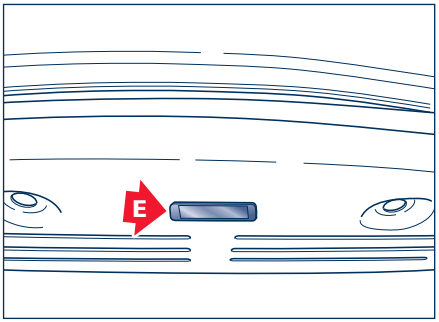


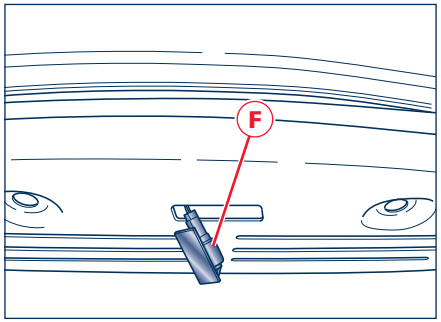


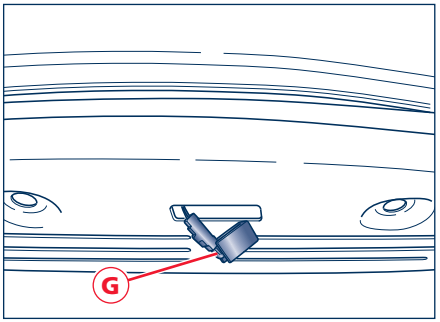
Glove compartment, pocket-change compartment and luggage compartment lights

To replace the bulb:

1) Remove the transparent cover by levering it out gently, using a screwdriver, at point **E**.
2) Raise the cover **F**.
3) Replace the bulb **G**.
4) Refit the cover, inserting first the two-tab side and then pressing on the other side.



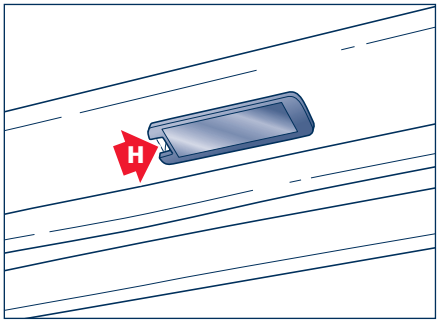


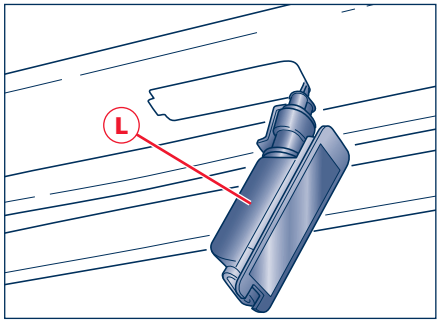


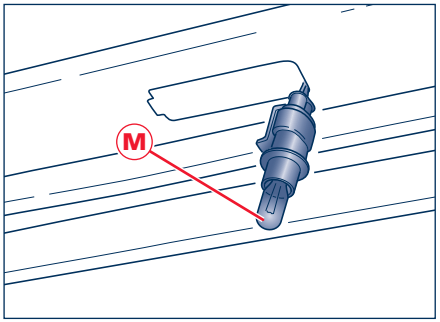
Courtesy lights (below door)

To replace the bulb:

1) Use a screwdriver positioned at point **H** to lever out the light fixing frame.
2) Rotate the bulb holder **L** and remove it.
3) Replace the pressure-fitted bulb **M**.
4) Refit the bulb holder **L** inserting first the electrical connector side and then pressing on the other side to hook the clip.







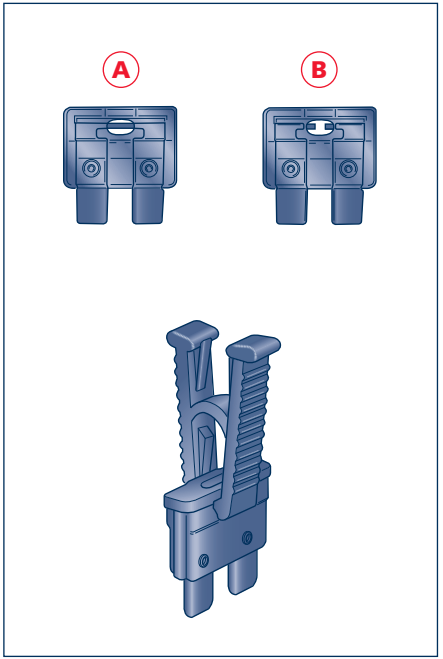
If a fuse blows

Replacing the fuses

When an electrical device is not functioning, check that the corresponding fuse is in proper working order.

A - Fuse intact.

B - Blown fuse.



Replace the faulty fuse with a new one having the same rating (same colour).

If the fault recurs, consult the **Maserati Service Network**.

Never replace a blown fuse with anything other than a sound fuse having the same rating/colour.

Position of fuses/relays

The fuses/relays are located in various parts of the vehicle, namely:

- On the right hand side of the luggage compartment.
- Behind the glove compartment, to the left of the steering wheel.
- In the luggage compartment next to the battery, in the spare wheel housing.

Fuse colours

	dark yellow	brown	red	light blue	yellow	white	green
Ampere	A5	A7,5	A10	A15	A20	A25	A30

Maxi Fuse colours

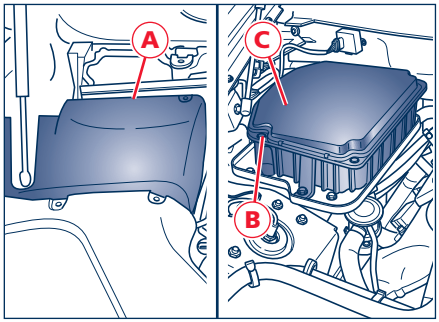
	yellow	green	orange	red	blue
Ampere	A20	A30	A40	A50	A60

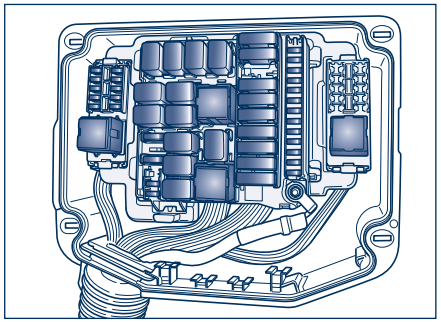
Fuses and relays inside the engine compartment

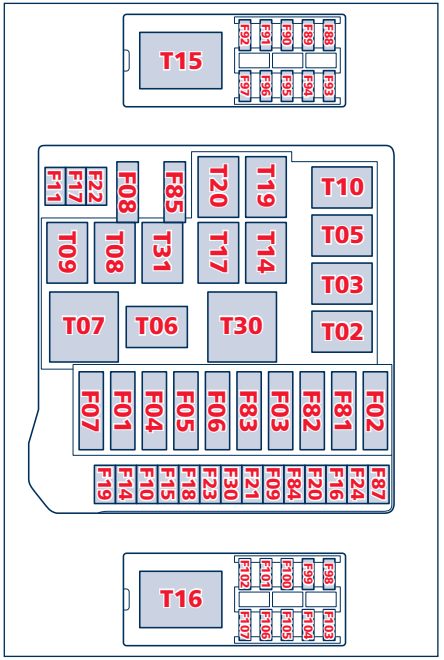
To access the fuses/relays, lift the engine compartment lid, remove the covering panel **A**, then undo the 4 screws **B** to remove the cover **C**.

The fuses/relays are housed in 3 control boxes.

The list of fuses and relays is shown in the following pages.
warning: If you need to wash the engine compartment, do not direct the jet of water for too long directly on the engine compartment ECU.







Engine compartment relay

Pos.	Type	Function
T02	Micro 30 A	Side markers
T03	Micro 30 A	Spot lights
T05	Micro 30 A	Stop light control
T06	Micro 30 A	Horns
T07	Maxi 50 A	I.E. Main relay
T08	Micro 30 A	Air conditioning/heating system compressor
T09	Micro 30 A	High beams
T10	Micro 30 A	Third stop
T14	Micro 30 A	Fog lights
T15	Maxi 50 A	1st speed - radiator electric fan
T16	Maxi 50 A	2nd speed - radiator electric fan
T17	Micro 30 A	Key-Lock solenoid
T19	Micro 30 A	Ignition enable
T20	Micro 30 A	Ignition
T30	Maxi 50 A	Air pump
T31	Micro 30 A	Headlight washer pump

Engine compartment fuses

Pos.	Amp.	Colour	System / Component
F01	Maxi 60 A	Blue	Fan 1 relay
F02	Maxi 30 A	Green	ABS valves
F03	Maxi 20 A	Yellow	T03 spot lights relay
F04	Maxi 40 A	Orange	ABS cylinder

Pos.	Amp.	Colour	System / Component
F05	Maxi 40 A	Orange	A.C. Node
F06	Maxi 60 A	Blue	Fan 2 relay
F07	Maxi 30 A	Green	T07 I.E. main relay
F08	7.5 A	Brown	T08 - Air conditioner compressor relay
F09	7.5 A	Brown	T05 stop light control relay
F10	15 A	Light blue	T06 horn relay
F11	10 A	Red	LH high-beam
F14	7.5 A	Brown	T10 Third stop relay
F15	15 A	Light blue	Alternator sensing
F16	10 A	Red	LH spot light
F17	10 A	Red	RH high-beam
F18	7.5 A	Brown	I.E. bank
F19	7.5 A	Brown	T02 DRL lights relay
F20	10 A	Red	T17 Key lock solenoid relay
F21	15 A	Light blue	T14 fog lights relay
F22	-	-	Not used
F23	10 A	Red	ABS Electronics
F24	10 A	Red	RH spot light
F30	30 A	Green	T20 ignition relay
F81	Maxi 50 A	Red	CPL2
F82	-	-	Not used
F83	Maxi 50 A	Red	Air pump relay
F84	20 A	Yellow	Ignition switch
F85	30 A	Green	Headlight washers

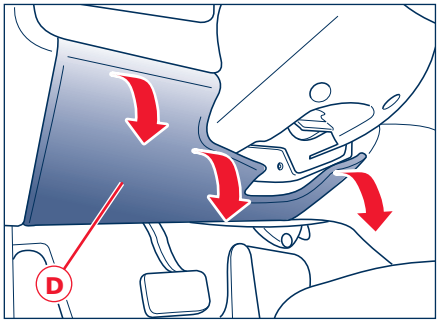
Pos.	Amp.	Colour	System / Component
F87	-	-	Not used
F88	15 A	Light blue	Main injector/coil relay - cylinders 1-4
F89	15 A	Light blue	Main injector/coil relay - cylinders 5-8
F90	15 A	Light blue	Main I.E. relay, secondary connected devices
F91	10 A	Red	Main relay, I.E. ECU
F92	15 A	Light blue	Main relay, oxygen sensors
F93	-	-	Not used
F94	7.5 A	Brown	NCS
F95	7.5 A	Brown	CSG
F96	7.5 A	Brown	Alternator
F97	10 A	Red	I.E. ECU
F98	-	-	Not used
F99	-	-	Not used
F100	-	-	Not used
F101	-	-	Not used
F102	-	-	Not used
F103	-	-	Not used
F104	-	-	Not used
F105	-	-	Not used
F106	-	-	Not used
F107	-	-	Not used

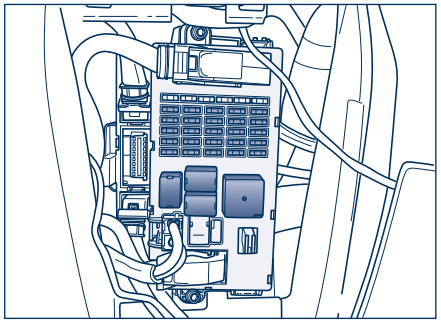
Fuses and relays in the passenger compartment, to the left of the steering wheel

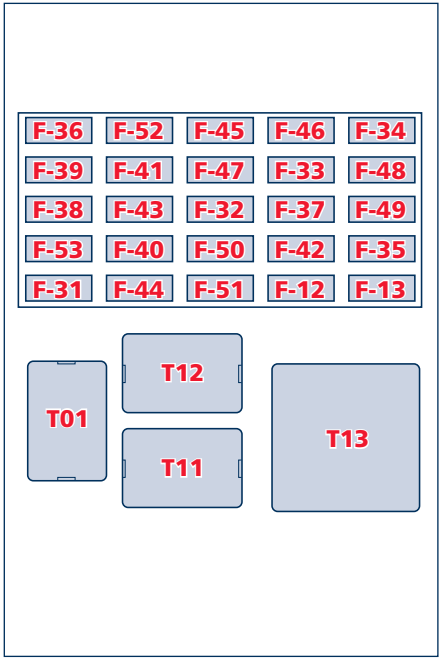
To access the fuses/relays lift the guard **D**.

The fuses/relays are housed in 2 boxes.

The list of fuses and relays is shown in the following pages.







Relays in the passenger compartment, to the left of the steering wheel

Pos.	Type	Function
T01	Micro-relay 20A	Low beams
T11	Micro-relay 30A	Heated rear window
T12	Micro-relay 30A	Connected devices 1 (Controlled by INT/A Ignition switch)
T13	Maxi-relay 50A	Jumper 30/87

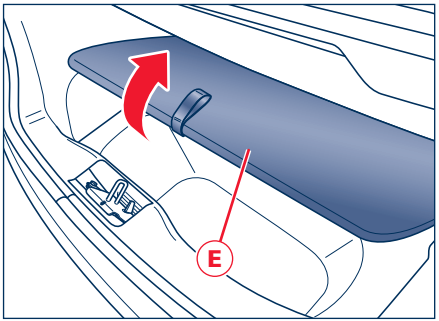
Fuses inside the passenger compartment, to the left of the steering wheel

Pos.	Amp.	Colour	System / Component
F12	15A	Light blue	Left-hand low beam
F13	15A	Light blue	Right-hand low beam
F31	7.5A	Brown	A/C unit, NBC (Body Computer Node), high beam relay
F32	10A	Red	Dome lights, step lights, driver- and passenger-side footwell lights, external rear-view mirror lights
F33	30A	Green	Driver's seat (movement)
F34	30A	Green	Passenger's seat (movement)
F35	7.5A	Brown	ACC, FN and LF relay coil
F36	10A	Red	NQS
F37	10A	Red	NQS (Instrument Panel Node), CPP, CPD
F38	15A	Light blue	Rear lid lock
F39	15A	Light blue	NIM (Inside Roof Node), NCL (Air conditioning and heating system node), EOBD diagnostic socket, CSA (Alarm system siren ECU), Radio, NAVTRAK
F40	30A	Green	Heated rear window
F41	-	-	Not used
F42	7.5A	Brown	NCL and windscreen wiper controls
F43	30A	Green	Windscreen wiper/washer (Connected Devices Relay INT/A)

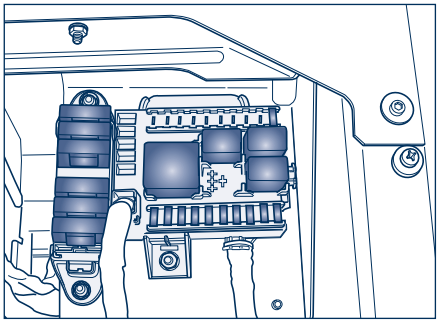
Pos.	Amp.	Colour	System / Component
F44	20A	Yellow	Front and rear power socket (INT/A device relay) front seat heating (passenger side)
F45	-	-	Not used
F46	20A	Yellow	NPG/NPP Locks
F47	30A	Green	NPG (Driver's door node)
F48	30A	Green	NPP (Passenger's door node)
F49	7.5A	Brown	NVO (Steering wheel node), CSG (Power steering ECU), CSP (Twilight/rain sensor ECU), NIM (Inside Roof Node), Radio, CEM, CRP, dome light panel, NAVTRAK
F50	7.5A	Brown	Airbag system
F51	7.5A	Brown	NCA (Automatic Gearbox Node)
F52	15A	Light blue	Front seat heating (driver side) (INT/A device relay)
F53	10A	Red	Rear fog lights

Relay/fuse boxes inside the luggage compartment

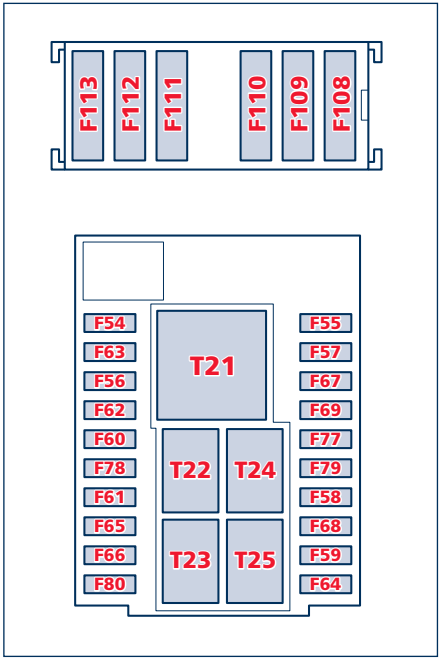
To access the fuses/relays, remove the cover **E**.



There are 2 relay and fuse boxes.



To access the fuses and relays inside the control boxes, remove the covers by levering up the fastening tabs.



Relays inside the luggage compartment

Pos.	Type	Function
T21	Maxi 50 A	Relay + lights
T22	Micro 30 A	Fuel tank door relay
T23	Micro 30 A	Reverse gear relay
T24	Micro 30 A	Fuel pump 1 relay
T25	Micro 30 A	Fuel pump 2 relay
T32	-	Not used
T33	-	Not used
T34	-	Not used
T35	-	Not used

Fuses inside the luggage compartment

Pos.	Amp.	Colour	System / Component
F54	30 A	Green	HI-Fi amplifier
F55	7.5 A	Brown	Lights
F56	10 A	Red	+30 NAG, NAVTRAK, BOSE tuner, NIT (Japan)
F57	-	-	Not used
F58	7.5 A	Brown	Reverse
F59	15 A	Light blue	Fuel tank door power supply from T22
F60	7.5 A	Brown	NSP
F61	20 A	Yellow	Rear RH ACE
F62	20 A	Yellow	NCA
F63	-	-	Not used
F64	-	-	Not used
F65	20 A	Yellow	Rear LH ACE

F66	20 A	Yellow	Fuel pumps
F67	-	-	Not used
F68	-	-	Not used
F69	-	-	Not used
F77	-	-	Not used
F78	20 A	Yellow	Power socket
F79	-	-	Not used
F80	30 A	Green	Bass box
F108	40 A	Orange	+30 NCP hydraulic pump
F109	40 A	Orange	+30 NCP ECU/front latch
F110	-		Not used
F111	-		Not used
F112	-		Not used
F113	-		Not used

If the battery is dead

We recommend that you read the precautions contained in the section "Maintenance" to prevent the battery from going dead and to ensure its long life.

Starting with the auxiliary battery

See the chapter "Starting the engine" on page 144 in the section "Using the vehicle".

WARNING: Under no circumstance should a battery be used for an emergency start-up: you could damage the electronic systems, particularly the ECUs, which control the ignition and fuel supply functions.

Recharging the battery

You are advised to recharge the battery slowly and at a low amperage for about 24 hours.
Follow the instructions below:

1) Deactivate the electronic alarm using the remote key control.
2) Open the luggage compartment (see on page 93) and remove the panel on the floor, then disconnect the electric system terminals from the battery poles.

WARNING: First disconnect the negative pole terminal (–) then the positive pole one (+).

3) Connect the battery charger cables to the battery poles.

WARNING: The battery is secured in the vehicle by means of a metal bracket, therefore, be extremely careful not to let the battery charger clips come into contact with it.

4) Turn on the battery charger.
5) When the battery is recharged, turn off the battery charger before disconnecting it from the battery.
6) Reconnect the terminals to the battery poles, observing the polarity.

WARNING: First reconnect the positive pole terminal (+) and then the negative pole one (–).

WARNING: Before reconnecting the battery terminals, check that the key has been removed from the ignition switch or at least that it is in **STOP** position.

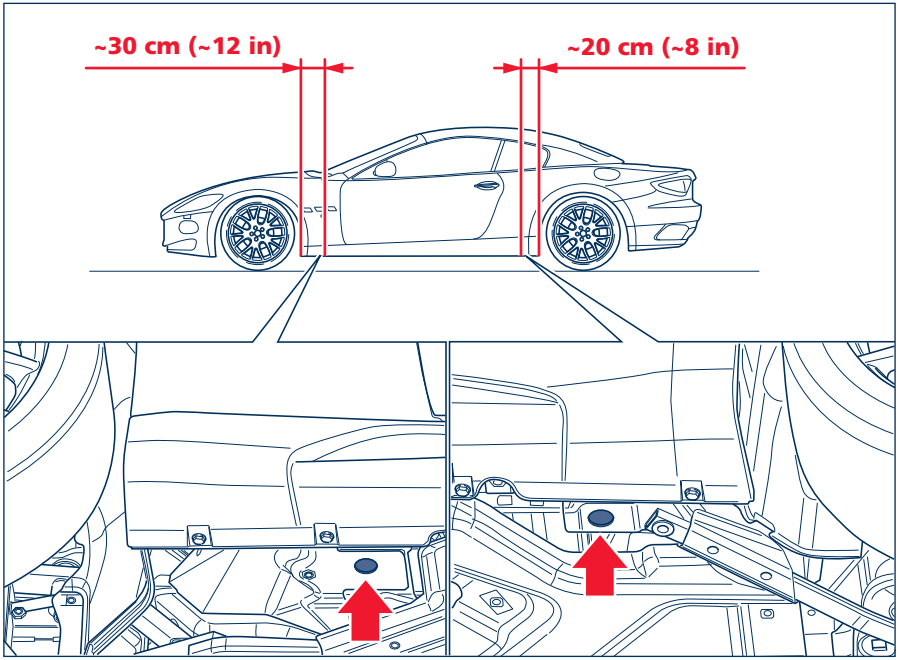
The fluid contained in the battery is poisonous and corrosive. Avoid contact with the skin and eyes. The battery recharging procedure must be carried out in a ventilated environment away from open flames or possible sources of sparks: risk of explosion and fire!

If you have to jack up the vehicle

The jack can be used only to replace the wheels. Under no circumstance should it be used for repairs under the vehicle.

Using the jack

See the chapter “If a tyre is punctured”, in this section.



If you have to tow the vehicle

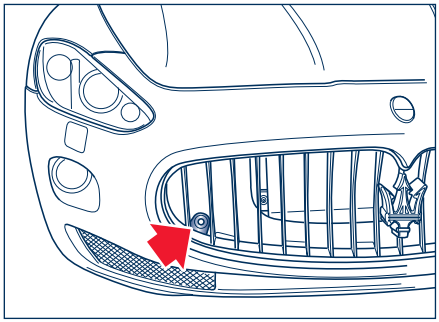
If you need to tow the vehicle, observe the following recommendations:

- if possible, have the vehicle transported on a vehicle equipped with loading platform and specific for roadside assistance and recovery.

If this is not possible:

- tow the vehicle for a distance of less than 100 km (62 mi) at a speed below 60 km/h (37 mph).

Tow the vehicle using the towing hook found in the toolkit. Screw the towing hook down tightly in its seat, on the lower, right-hand side of the front bumper.



In order to tow the vehicle, turn the key to **MAR** and engage Neutral by shifting the gearshift lever to **N.** Should the EPB be applied, you must disengage it (see page 174).

Do not extract the key, as the steering wheel will lock automatically and you will be unable to steer the wheels.

WARNING: If you have to tow the vehicle with 2 wheels raised, ensure that the ignition key is in the **STOP** position. If this is not observed, when the ESC is active, the relative ECU will store a malfunction and the warning light will illuminate on the instrument panel display. In this case, you will have to contact the **Maserati Service Network** in order to have the system reset.

When towing the vehicle, make sure that you observe the road traffic regulations concerning both the towing device and driving conduct.

When towing the vehicle with the engine off, remember that, without the assistance of the brake servo, a stronger effort is required on the brake pedal for braking and on the steering wheel for steering.

Screw the towing hook into its seat (approx. 11 turns). Accurately clean the threaded seat before tightening the hook.

In the event of an accident

It is important always to stay calm.

- If you are not directly involved, stop at a safe distance of at least 10 m (11 yd) away from the accident area.
- If you are on a highway, stop without obstructing the emergency lane and be especially careful if you need to exit the vehicle.
- Turn off the engine and turn on the hazard warning lights.
- At night, illuminate the accident area with the headlights.
- Always act with caution: you should not risk someone crashing into you.
- Indicate that an accident has occurred by placing the emergency triangle in a well visible position and at the prescribed distance.
- Call the emergency services, providing as much information as possible. On highways, use the special emergency call boxes.
- Remove the ignition key from the vehicles involved.
- If you smell fuel or other chemical products, 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 highways, particularly where visibility is poor, there is a high risk of being involved in other collisions. Leave your vehicle immediately and move away from it.

If there are injured persons

- Never leave an injured person alone. Persons not directly involved in the accident are also required to give assistance.
- Do not crowd around injured persons.
- Reassure the injured person that help is on the way and stay close to them to assist them.
- Unfasten or cut the seat belts restraining the injured persons.
- Do not give the injured persons anything to drink.
- The injured person should never be moved.
- Remove the injured person from the vehicle only in emergency situation, e.g. if there is a risk of fire, sinking in water or falling down into a pit. When removing injured persons from the vehicle, do not pull their limbs, bend their head and, as far as possible, keep their body in a horizontal position.

First aid kit (*)

Housed inside the luggage compartment, this kit contains the following:

- sterile gauze to cover and clean the wounds;
- bandages of various size;
- treated adhesive bandages of various sizes;
- an adhesive bandage strip;
- a pack of cotton wool;
- a bottle of disinfectant;
- a packet of paper cleaning tissues;
- a pair of rounded-end scissors;
- tweezers;
- two haemostatic loops.

(*) The first-aid kit is provided with vehicles to be used in markets where these items are mandatory.

Capacities and technical specifications

Fuel	210
Engine oil	210
Capacities: Quantity and specifications of the products to use	211
Fuel consumption	213
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Technical specifications	215
Tyre pressure	221

Fuel

Only use unleaded premium gasoline with an octane number (R.O.N.) of no less than 95.
Fuel tank capacity: approx. 75 litres (16.5 UK gal), including a fuel reserve of approx. 7,5 litres (1.6 UK gal).

WARNING: The anti-pollution devices of the vehicle require the use of unleaded fuel only. Under no circumstance, not even in emergency situations, should the tank be filled with leaded fuel. This would irreparably damage the catalytic converters.

WARNING: An inefficient catalytic converter results in noxious exhaust emissions which are harmful for the environment.

Gasoline Containing Alcohol & Ethers (“Oxygenated Fuels”)

Some fuels in some geographical areas, contain “oxygenates” which are usually alcohols or ethers. The fuel station fuel service pumps be clearly marked indicating use of alcohols or ethers. Please be aware that in some geographic areas fuel stations may have fueling pumps that are unmarked. If you are not sure if the fuel you will be dispensing into your vehicle contains alcohol or ethers, ask the fuel service station operator.

WARNING: Some geographical areas, require the use of “oxygenated” fuels to meet seasonal air quality standards.
- Alcohol - Ethanol: Fuels containing ONLY up to 10% ethanol by volume may be used (ethanol may also be referred to as Ethyl alcohol, or “Gasohol”.
- Ethers - MTBE: Fuel containing ONLY up to 15% MTBE may be used.

WARNING: Do not use any gasoline that contains lead as a knock inhibitor, and DO NOT use lead additives. The use of Detergent gasoline is effective in minimizing fuel injector and intake valve deposits. The use of external fuel injector cleaning systems/fluids is NOT recommended.

Engine oil

To check the level, please see the section “Maintenance”.
Do not top up with oil having characteristics other than those of the oil already used.
The gap between the MIN and MAX reference marks on the dipstick corresponds to about 1.5 litres (0.33 UK gal) of oil.
Use SAE 5W/40 API SL/CF and ACEA A3, B3, B4 oil for fuel-powered engines. Recommended: Shell Helix Ultra 5W-40 ABI SM/CF.

Capacities: Quantity and specifications of the products to use

Capacities and recommended products

Parts to be refilled	*Quantity*	*Product specifications*
Fuel tank		
(including low fuel sector)	approximately 75 litres (16.5 UK gal)	Premium unleaded fuel with no less than 95 R.O.N.
Fuel reserve	approximately 7,5 litres (1.6 UK gal)	
Engine oil:		Entirely synthetic multigrade lubricants SAE 5W/40 that meet API SL/CF and ACEA A3, B3, B4 specifications. Oil type Shell Helix Ultra 5W-40. Api SM/CF Maserati approved
- periodical replacement	9,0 litres (2 UK gal)	
- top up from the MIN to the MAX level	1,5 litres (0.3 Uk gal)	WARNING: Do not top up with oil having characteristics other than those of the oil already used. WARNING: Engine oil consumption depends on the driving style and on the use of the vehicle.
Windscreen/headlight washer fluid tank	6,5 litres (1.4 UK gal)	Mix of water and detergent fluid, in the proportions indicated on the product package. Detergent fluid: Mix of CUNA NC 956-II surfactants and alcohols. Type recommended: DP1. WARNING: If the temperature is below –20°C, use pure detergent fluid.

Parts to be refilled	*Quantity*	*Product specifications*
Engine cooling circuit	13 litres (2.9 UK gal)	Mix of water and coolant, in the proportions indicated on the product package. Coolant: Inhibited monoethylene glycol-based protective fluid with anti-freezing action: CUNA NC 956-16.
		Type Shell Glycoshell
Hydraulic power steering	-	Oil type: ATF DEXRON II D LEV, SAE 10W. Oil Type ATF Type A - MB 236.2 - ZF ML09/12 Shell Donax TM
Gearbox oil	10,03 litres (2.2 UK gal)	Oil Type SHELL M1375.4 DEXTRON III
Differential oil	1,1 kg (2.4 lb)	Oil Type SHELL SPIRAX S 75W140
Braking system	-	Synthetic fluid: USA FMVSS n. 116 DOT 4, ISO 4925 Class 4, JIS K 2233 Class 5, AS/NZ 1960 Class 3, SAE J1704, CUNA NC 956-01. Type: Shell Donax UB (DOT 4 Ultra) or Shell Brake and Clutch Fluid DOT 4 Ultra.
Air conditioning coolant	600 gr +/- 30 gr (1.32 lb +/- 0.066 lb)	R134a PAG RL 897
Air conditioning compressor oil	200 ml +/- 10 ml (0.044 UK gal +/- 0.002 UK gal)	Oil Type Ucon RL 897

Fuel consumption

The fuel consumption values shown in the following table were established based on homologation tests prescribed by the specific European Directives.
The test procedures adopted for fuel consumption measuring are the following:

- **City cycle:** this includes cold starting followed by simulation of an urban route;
- **highway cycle:** this includes frequent accelerating in all gears, simulating use of the vehicle on highway routes; the speed varies between 0 and 120 km/h (75 mph);
- **average fuel consumption:** this is calculated by considering a route consisting of about 37% urban cycle and 63% highway cycle.

Consumptions in compliance with EC DIRECTIVES 715/2007 and EC 692/2008 (litres/100 km)

City	*Highway*	*Average*
22,50	9,80	14,40

WARNING: The type of route, traffic conditions, weather conditions, driving style, general condition of the vehicle, equipment/accessories in the vehicle, use of the air conditioning system, vehicle load and other items or situations which may negatively affect the vehicle aerodynamics or wind resistance lead to consumption ratios differing from the indicated ones.

CO_2 exhaust emissions

The CO_2 exhaust emission ratings shown in the following table refer to an average fuel consumption.

CO_2 emissions in compliance with EC Directives 715/2007 and EC 692/2008 (g/km)

City	*Highway*	*Average*
524	228	337

Technical specifications

Engine

General		GranCabrio	GranCabrio SPORT
Vehicle ID code		M139S	M145S
Cycle		Otto	Otto
Cylinder number and position		8 - 90° V	8 - 90° V
Number of valves per cylinder		4	4
Bore and stroke	mm	94x84,5	94x84,5
Total displacement	cm^3	4.691	4.691
Compression ratio		11,25:1	11,25:1
Maximum power (EC)	kW	323	331
	CV	440	450
corresponding RPM	RPM	7.000	7.000
Maximum torque (EC)	Nm	490	510
	kgm	50	52
corresponding RPM	RPM	4.750	4.750

Injection – Ignition

The ignition and injection system is controlled by a single microprocessor ECU. This enhances engine performance, improving vehicle handling, and reduces fuel consumption, by optimising engine performance with partial loads.

Injection

- Type Bosch Motronic ME9.

Ignition

- Static ignition
- Ignition sequence: 1-8-6-2-7-3-4-5
- Ignition coil: ELDOR
- Spark plugs: NGK PMR8C-H.

Battery

FIAMM 12V 100Ah 850A

Electric alternator

NIPPONDENSO SC2 150A

Lubrication system

The lubrication system is controlled by the wet sump system through an oil pump and the relative suction screen, incorporated in the crankcase.

Cooling system

Engine cooling is ensured by an anti-freeze mixture circulating inside a circuit equipped with radiator, centrifugal pump and expansion tank.

Transmission

Electro-hydraulically controlled gearbox with 6 gears, torque converter, lock-up clutch and anti-slip function.
Modular TRANSAXLE transmission shaft.
Traction system equipped with rear self-locking differential.

Gearshifting

Six gears plus reverse.

Gear	*Gearbox ratios*	*Total reduction ratios (engine revolutions/ wheel revolutions)*
1st gear	4,171	15,55
2nd gear	2,340	8,72
3rd gear	1,521	5,67
4th gear	1,143	4,26
5th gear	0,867	3,23
6th gear	0,691	2,58
Reverse	3,403	12,68

Differential

The ratios are:

Differential reduction ratio	3,73

Brakes

Service and emergency brakes

Self-ventilating disc brakes on the four wheels.
Two diagonally opposed and independent hydraulic control circuits.
Vacuum brake servo.
4-channel ABS system with Electronic Brake force Distributor (EBD) and braking assistance system (HBA) for emergency braking.

Electric parking brake

The electric parking brake (EPB) acts on the rear wheels.
It is activated manually, by lifting the lever found in the central panel of the centre console (see page 174).

Suspension:

Front and rear

Articulated quadrilateral suspensions.

Skyhook adjustable damping suspension

This system allows the driver to choose two settings for the shock absorbers, depending on the road surface conditions, speed and comfort.

Speed-sensitive steering wheel

Rack and pinion hydraulic steering, with pump driven by the drive shaft and reservoir. Articulated steering column, with energy absorption and adjustable inclination and height. Speed-sensitive, it gets more rigid as the speed increases.

- Steering diameter = 10,7 m (11.7 yd).
- No. of steering wheel turns = 1.5 (to the left and right).

Wheels

Wheel rims and tyres

	Rim size	*Tyre size*	*Winter tyres*
front	8.5"J x 20"	245/35 ZR20	245/35 ZR20
	8.5"J x 19" (°)	245/40 ZR19 (°)	245/40 ZR19 (°)
rear	10.5"J x 20"	285/35 ZR20	285/35 ZR20
	10.5"J x 19" (°)	285/40 ZR19 (°)	285/40 ZR19 (°)

(°) Rims and tyres available on request.

Alternatively, you may use winter tyres having the same dimensions as those provided with the vehicle.

WARNING: While respecting the specified sizes, for the safe operation of the vehicle it is also essential that it is equipped with the same brand and type of tyres on all wheels.

WARNING: Do not use an inner tube with Tubeless tyres.

Compact spare wheel (optional)

Alloy wheel rim.

Rim size	*Tyre dimension*	*Tyre brand*	*Inflation pressure when cool - bar (psi)*
6"J x 18"	175/55 R18	VREDESTEIN	3,5 (50.8)

Snow chains

Maximum radial protrusion permitted over the tyre profile: 9 mm (0.4 in).

Rear tyre	*Snow chains: brand/type*
285/35 ZR20	KONIG/Supermagic
285/40 ZR19 (°)	KONIG/Supermagic

(°) Tyres available on request.

WARNING: The snow chains must be fitted only on rear tyres. For purchasing snow chains, please contact the **Maserati Service Network**.

Performance

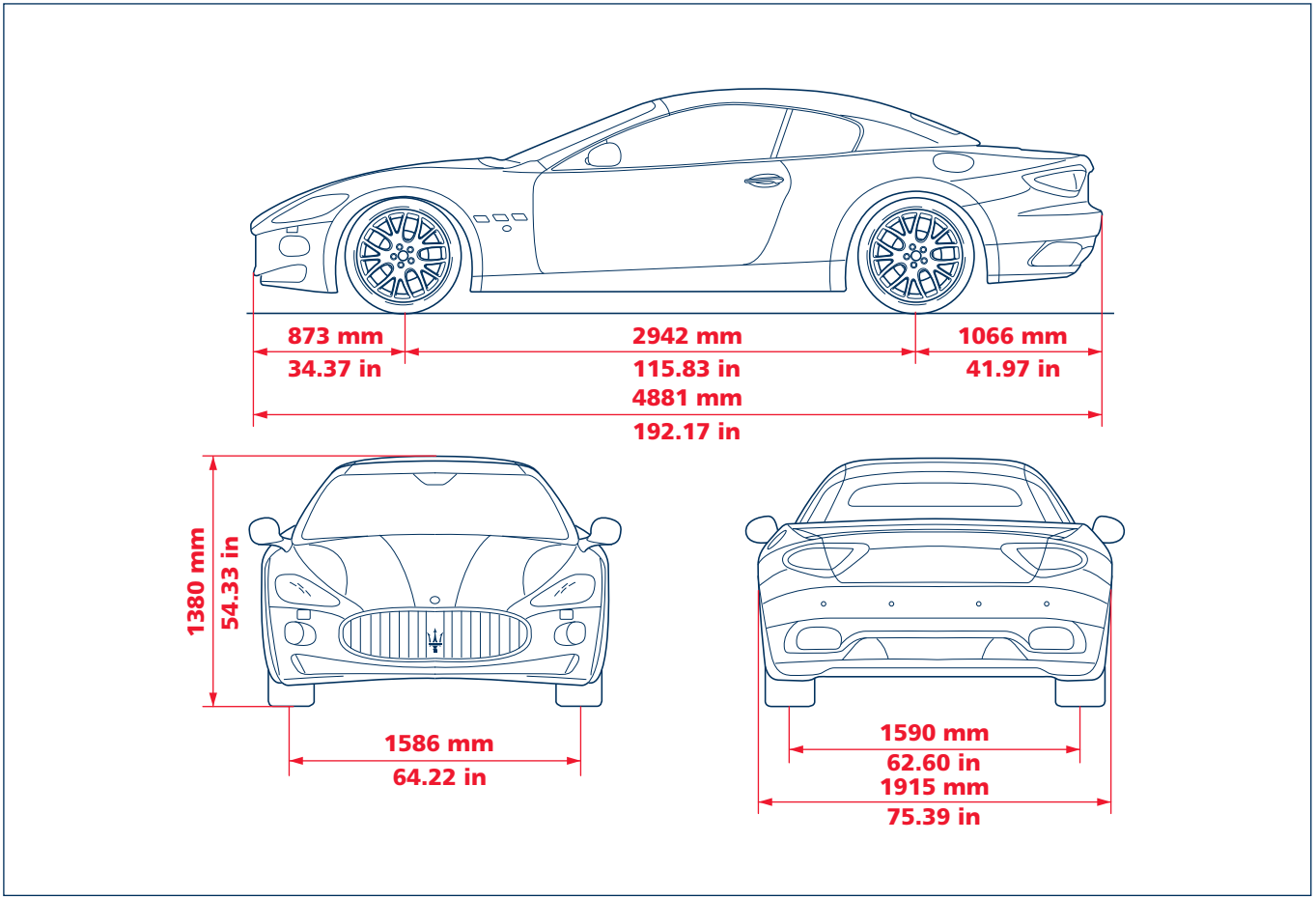
Maximum speed	*km/h*	*mph*
GranCabrio	283	176
GranCabrio SPORT	285	177

The maximum speed reachable with winter tyres is indicated by the tyre manufacturer. Always comply with the regulations in force in the Country you are driving in.

Accelerations at standing start (in seconds)	*0-100 km/h*	*0-400 m*	*0-1000 m*
GranCabrio	5,4 sec.	13,9 sec.	24,8 sec.
GranCabrio SPORT	5,2 sec.	13,5 sec.	24 sec.

Weights

Weights	
Unladen vehicle weight (with tanks filled, tools and accessories)	1.980 kg (4,365 lb)
Weight with full load (4 persons plus luggage)	2.280 kg (5,026 lb)


873 mm
34.37 in
2942 mm
115.83 in
1066 mm
41.97 in
4881 mm
192.17 in
1380 mm
54.33 in
1586 mm
64.22 in
1590 mm
62.60 in
1915 mm
75.39 in

Tyre pressure

Tyre inflation pressure when cold - bar (psi).

	Rim size	*Tyre size*	*Winter tyres*	*Inflation pressure When cool - bar (psi)*
front	8.5”J x 20”	245/35 ZR20	245/35 ZR20	2,2 (32)
	8.5”J x 19” (°)	245/40 ZR19 (°)	245/40 ZR19 (°)	2,2 (32)
rear	10.5”J x 20”	285/35 ZR20	285/35 ZR20	2,2 (32)
	10.5”J x 19” (°)	285/40 ZR19 (°)	285/40 ZR19 (°)	2,2 (32)

(°) Rims and tyres available on request.

Alternatively, you may use winter tyres having the same dimensions as those provided with the vehicle.

The maximum speed reachable with winter tyres is indicated by the tyre manufacturer. Always comply with the regulations in force in the Country you are driving in.

Never exceed the maximum speed indicated for the winter tyres: failure to respect the max. speed may damage these tyres. Danger: risk of accident!

Maintenance

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Maintenance Schedule

Correct maintenance is clearly the best way to maintain vehicle performance and safety features, ensure respect for the environment and low operating costs.

WARNING: Also remember that thorough observance of the maintenance procedures is essential for keeping your vehicle operating properly. Not adhering to the maintenance schedule can impact your vehicle's warranty.

For this reason, MASERATI has provided for a series of checks and maintenance operations involving the 1st service when the vehicle mileage reaches 20000 km (12,500 mi) or after two years of the vehicle life, and subsequently every 20000 km (12,500 mi) or every two years.

After the 9th maintenance service

After the 9th maintenance service, Maintenance Schedule services are restarted with the same operations performed for the 1st, 2nd, 3rd Services.

WARNING: The Maintenance Schedule services are prescribed by the Manufacturer. Failure to have the services performed can affect your warranty.

Maintenance Schedule Services are provided by the whole **Maserati Service Network**. In the event that, when a service is performed, further replacements or repairs are found to be necessary in addition to the scheduled operations, these can be carried out only with the specific consent of the Customer.

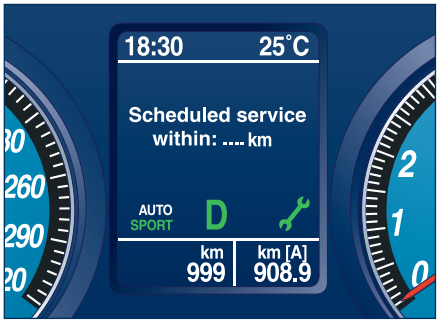
WARNING: You are advised to notify the **Maserati Service Network** of any minor operating problems, without waiting for the next service.

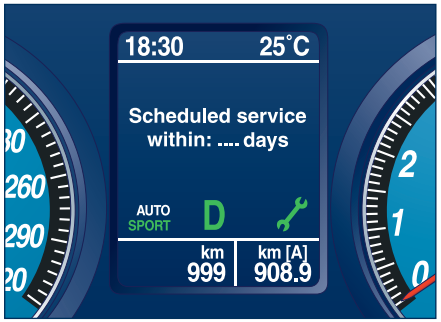
The Maintenance Schedule is contained in the "Warranty and Maintenance Schedule" book.

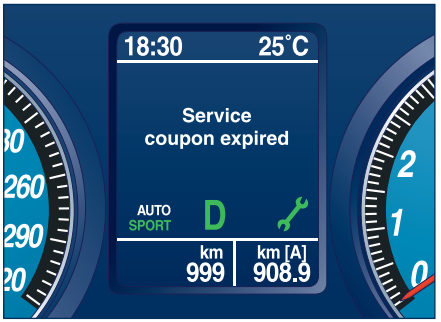
When the deadlines for Maintenance Schedule services are approaching, a message on the display indicates that service is due. The deadline may be expressed in km or days, whichever comes first.
The message is displayed only once, upon activating the instrument panel, at decreasing intervals expressed in km/mi (1800, 1600, ... 100, 50) or in days (27, 24, ... 6, 3), accompanied by a specific symbol (wrench):
Once the set limit in kilometres or the expiry date is reached, every time the instrument panel is turned on thereafter, the message “Service coupon expired” will be displayed.

Selecting the function “SERVICE INFO” on the Multi Media System, you can display the next service deadline (see the section “On board computer (TRIP)” in the Multi Media System manual). The residual mileage left to the service deadline is always indicated. The days remaining before the scheduled service date instead, are only indicated starting from the 511th day (approximately 17 months).

WARNING: Every time the battery is disconnected, the Multi Media System must be set following the instructions in the “Multi Media System” manual, section 7, “Configuration”. Failure to reset the system may cause it to malfunction and indicate wrong maintenance service intervals.







Additional checks

Every 500 km (300 mi) or before long journeys, check and if necessary correct:

- engine coolant level;
- windscreen washer fluid level;
- tyre pressure and condition.

WARNING - Engine oil

If the vehicle is used mainly in one of the following heavy-duty conditions:

- dusty roads;
- short repetitive trips (less than 7-8 km/4-5 mi) when the external temperature is below zero;
- engine running frequently at idle speed or without reaching steady operating temperatures;

replace the engine oil more frequently than indicated in the Maintenance Schedule.

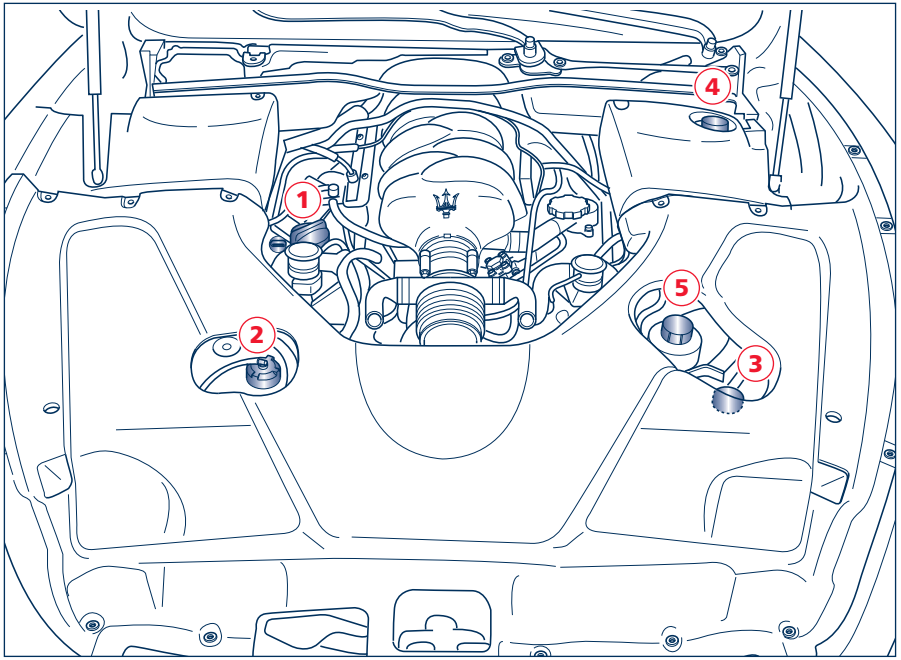
WARNING - Air filter

When using the vehicle on dusty roads, replace the air filters more frequently than indicated in the Maintenance Schedule.
Contact the **Maserati Service Network** if you have any doubts about the frequency for engine oil and air filter replacements, in the relation to the vehicle conditions of use.

WARNING: Vehicle maintenance services must be performed by the **Maserati Service Network**. For those routine and minor maintenance operations which you can carry out yourself, always make sure that you are using the right equipment, genuine **Maserati** spare parts and the recommended fluids; in any case, never perform these operations if you are unexperienced.

Level checks

1) Engine oil.
2) Engine coolant.
3) Windscreen/headlight washer fluid.
4) Brake fluid.
5) Power steering fluid.



Engine oil

The level must be checked with the vehicle on a flat surface, following the procedure below:

- start the vehicle and warm it up until the temperature stabilises;
- turn off the engine, remove the filler cap **A** and wait 5 minutes to allow the oil to flow into the sump;
- measure the level and top up if necessary.

The oil level must be between the **MIN** and **MAX** notches on the dipstick. The interval between **MIN** and **MAX** corresponds to approximately 1,5 litres (0.3 UK gal) of oil.

WARNING: Do not exceed the **MAX** level!

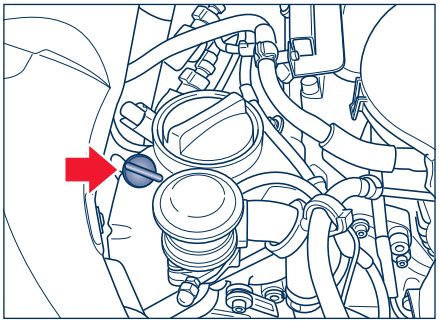
If the oil level is near or even below the **MIN** reference notch, top up with oil pouring it through the filler neck plugged by cap **A**, until reaching the **MAX** reference notch. The oil level should never exceed the **MAX** reference notch.

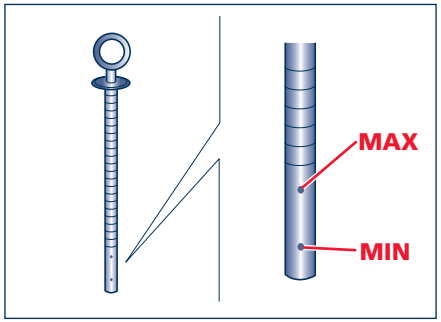
WARNING: Do not top up with oil whose specifications differ from those of the oil already used in the engine.

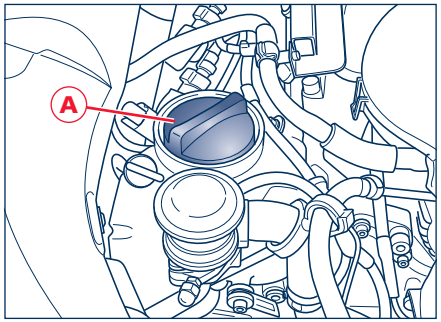
After topping up, the engine oil level warning light may not go off for some time while the system is performing the necessary checks. This is normal.
After topping up or replacing the oil, check its level once again.

WARNING: The engine oil used and the oil filter replaced contain substances that are dangerous for the environment.

For replacing the oil and the filters you are advised to contact the **Maserati Service Network**, where all the necessary equipment is available to dispose of the used oil and filters in compliance with the regulations in force and in an environment-friendly manner.







Gearbox oil

Consult the **Maserati Service Network** for the oil level check.

WARNING: Do not top up with oil having characteristics other than those of the oil already used in the engine.

WARNING: Waste transmission oil contains substances that are dangerous for the environment. For replacing the oil, you are advised to contact the **Maserati Service Network**, where the necessary equipment is available to dispose of the used oil in compliance with the regulations in force and in an environment-friendly manner.

Engine coolant

When the engine is very hot, do not remove the tank cap: risk of burns!

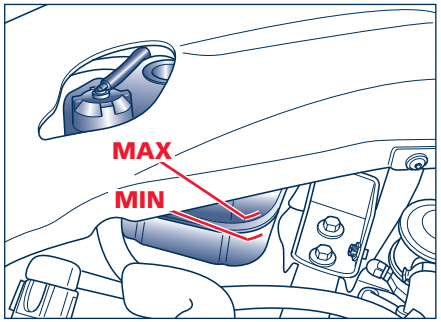
The fluid level must be checked with the engine cold and must be between the **MIN** and **MAX** reference notches visible on the tank.
If the level is low, slowly pour the prescribed fluid through the filler neck on the tank, until the level is close to the **MAX** reference notch.

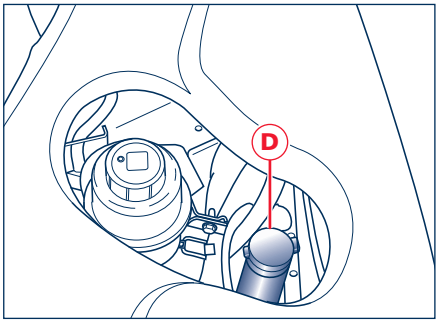
Windscreen/headlight washer fluid

To top up with fluid, open the cover **D**, pull out the filler neck extension and pour in a mixture of water and detergent fluid, in the proportions indicated on the product packaging.

WARNING: If the temperature is below -20°C, use pure detergent fluid.

WARNING: Do not drive with the windscreen washer tank empty: proper operation of the windscreen washer is essential for improving visibility.

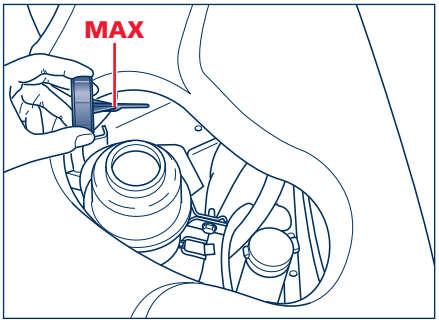




Power steering fluid

WARNING: Make sure that the power steering fluid does not come into contact with the engine hot parts as it is flammable.

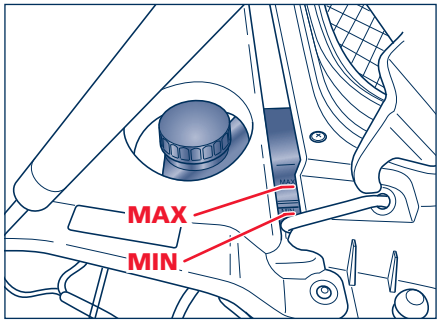
With the vehicle on a level ground and the engine cold, check that the fluid level corresponds with the **MAX** reference notch on the tank cap dipstick.
To perform the check, unscrew the cap, clean the dipstick, replace and tighten the cap, then remove it again and check the level.
When the oil is hot the level may also exceed the **MAX notch**.
If necessary, top up with fluid making sure that it has the same characteristics as the one already used in the system.



Brake fluid

Check that the fluid level in the tank is at the maximum level. If the level goes below the minimum level, with the ignition key turned to **MAR**, the warning light illuminates on the instrument panel.
If additional fluid is needed, use only the type classified as DOT4.

WARNING: The brake fluid is hygroscopic (i.e. it absorbs humidity). For this reason, if the vehicle is used mainly in areas with a high rate of atmospheric humidity, the fluid should be changed more frequently than indicated in the Maintenance Schedule.



WARNING: Do not let the brake fluid, which is highly corrosive, come into contact with the paintwork. If this should happen, wash the paintwork immediately with water.

WARNING: The symbol on the container identifies the synthetic type of brake fluid, distinguishing it from the mineral type. Using mineral fluids irreparably damages the special rubber linings of the braking system.

Air filter

Contact the **Maserati Service Network** to have the air filters replaced.

Dust/pollen filter

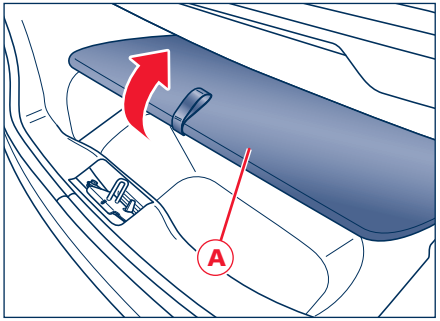
This filter performs mechanic/ electrostatic air filtering, provided that windows and doors are fully closed.
Have your dust/pollen filter replaced at least once a year at a Centre of the **Maserati Service Network**, preferably at the beginning of the summer period.
If the vehicle is mainly used in the city traffic, on highways or dusty roads, we recommend that you replace the filters more frequently than prescribed in the Maintenance Schedule.

WARNING: Failure to replace the filter may considerably reduce the efficiency of the Air conditioning system.

We recommend that you have the dust/pollen filter replaced by a Centre of the Maserati Service Network.

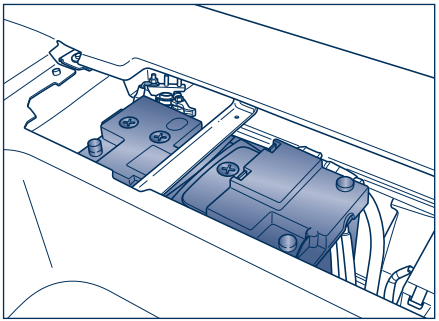
Battery

The battery is a "low maintenance" type, and is located on the right-hand side of the luggage compartment.
To access the battery, remove the cover **A.**
The battery fluid (electrolyte), with the vehicle on a level ground, must always be between the reference marks **MIN** and **MAX** on the battery.
In the event that the level is below the **MIN** reference mark, please contact the **Maserati Service Network** to have the system checked.
To recharge the battery, see the section "In an emergency".



WARNING: If you need to disconnect the battery, wait at least 30 seconds from the last seat movement.
If disconnecting the battery before, you will have to run the initialisation procedure described on page 105.

The fluid contained in the battery is poisonous and corrosive. Avoid contact with the skin and eyes. Do not approach the battery with open flames or possible sources of sparks: risk of explosion and fire!



Batteries contain substances that are very harmful for the environment. To replace the battery, please contact the **Maserati Service Network**, where the battery will be disposed of in full compliance with the regulations in force and in an environment-friendly manner.

WARNING: Incorrect assembly of electrical and electronic accessories can cause serious damage to the vehicle.

Useful hints for extending the life of the battery

When parking the vehicle, make sure that the doors, luggage and engine compartments are properly closed. All interior lights should be off.
When the engine is turned off, do not keep the connected devices on for a long time (e.g. the radio, the hazard warning lights, the fan, etc.).

WARNING: If the battery charge remains below 50% for a long period of time, it will be damaged due to sulphating; this will reduce its performance and starting power and the battery will be more subject to freezing (this can happen even at -10°C).

We recommend that you have the battery charge condition checked, preferably at the beginning of the cold season, to prevent the electrolyte from freezing.
This check should be performed 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 if when the ignition key is removed. This applies above all in the event of after-market devices.
If the vehicle is not used for long periods of time, please refer to the chapter “If the vehicle is stored for long periods”, in this section.

WARNING: If additional systems have to be fitted in the vehicle, there is the risk of creating dangerous branches on the electric wiring, in particular if safety devices are involved.

Electronic control units

No special precautions are required for the normal use of the vehicle.
In the case of repairs to the electrical system or in an emergency starting, the following instructions must be strictly followed:

- Never disconnect the battery from the electrical system when the engine is running.
- Disconnect the battery from the electrical system when recharging it (see page 205 “If the battery is dead”).

WARNING: If you need to disconnect the battery, wait at least 30 seconds from the last seat movement.
If disconnecting the battery before, you will have to run the initialisation procedure described on page 105.

WARNING: When the battery is disconnected, you must first detach the negative pole terminal (–) and then the positive pole one (+).

WARNING: The battery is secured to the vehicle with a metal clamp, so be extremely careful not to let the clips on the end of the cables come into contact with it.

WARNING: When the battery is reconnected, you must first attach the positive pole (+), remembering to cover it with the cap provided, and then the negative one (–).

- Never perform the emergency starting procedure using a battery charger: always use an auxiliary battery.
- Take special care when connecting the battery to the electrical system, checking both that polarity is correct and that the connection is properly working.
- Do not connect or disconnect the terminals of the ECUs when the ignition key is at **MAR**.
- Do not check the electric polarities through sparking.
- Disconnect the ECUs in the event of electrical welding on the vehicle body. Remove them if the temperature is over 80°C (special operations on the bodywork, etc.).

WARNING: Incorrect installation or modifications to the radio and alarm systems may interfere with the proper operation of the ECUs.

WARNING: Changes or repairs to the electrical system performed incorrectly or without taking into account the technical specifications of the system may cause operating anomalies with the risk of fire.

WARNING: If you need to wash the engine compartment, do not direct the jet of water for too long directly on the engine compartment ECU.

Spark plugs

In order to ensure that the engine works efficiently and to keep polluting emissions at a minimum level, it is essential that the spark plugs are sound and clean.

WARNING: The spark plugs must be changed at the intervals indicated in the Maintenance Schedule. Only use the prescribed spark plugs: faults may arise if the heat rating is unsuitable, or if the specified service life is not guaranteed.

Wheels and tyres

To obtain the best performance and the longest service life from the tyres, comply with the following precautions during the first 500 Km (300 mi):

- **do not drive at the vehicle's maximum speed;**
- **drive on curves at low speed;**
- **avoid sudden steering;**
- **avoid sudden braking;**
- **avoid sudden acceleration;**
- **do not drive long at high speeds for too long.**

How to use the tyres

WARNING: The tyres must be always maintained in good conditions to ensure safe driving.

Tyre inflation pressure must correspond to the prescribed values and should be checked only when the tyres are cold: the pressure increases as the tyre temperature progressively increases.
Never reduce the pressure if tyres are hot.
Insufficient tyre inflating pressure can cause tyre overheating and possible internal damage, which may even lead to tyre destruction.

Check the tyre inflating pressure at least every two weeks and before long trips.

Impacts with kerbs, holes, and obstacles in the road, and prolonged trips on rough roads can cause tyre damage which may not be visible to the naked eye.
Check your tyres regularly for any signs of damage (e.g. scratches, cuts, cracks, bulges, etc.).
If sharp objects penetrate the tyres, they can cause damage which is only visible when the tyre is removed.
In any case, any possible damage must be inspected by an experienced tyre fitter, as it may seriously reduce tyre life.
Remember that tyres deteriorate with time, even if used little or not at all.
Cracks in the tyre tread and sides, alongside possible bulging, are a sign of deterioration.

Have the old tyres inspected by an experienced tyre fitter, to make sure they can still be used safely. If the same tyre has been on your vehicle for 4 or 5 years, have it inspected anyway by an experienced tyre fitter.

Never fit tyres of uncertain origin.

"Directional" tyres have an arrow on their side showing the rolling direction. To keep the best performance when replacing a tyre, make sure that the rolling direction corresponds to the one marked by the arrow.

During the tyre life the rolling direction of the first fitting shall always be observed, also in case of "non-directional" tyres.

Check the depth of the tyre tread at regular intervals (minimum allowed value 1,6 mm - 0.06 in). The thinner is the tread, the greater is the risk of skidding.

Drive carefully on wet roads to decrease the risk of aquaplaning.

Windscreen wiper

Clean the rubber parts regularly using the appropriate products.
Change the blades if the edge of the rubber is deformed or worn. In any case, the blades should be changed about once a year.

Travelling with worn wiper blades is very dangerous because it reduces the visibility in the event of poor atmospheric conditions.

The arms of the wiper blade have to be replaced with new ones after two disassembling operations. The special arm fixing system guarantees the perfect mechanical stability only after the first two refitting operations, provided that the specified tightening torque is observed.

We recommend therefore that you have any interventions involving the removal of the windscreen wiper arms carried out at a Centre of the Maserati Service Network.

Some simple measures may reduce the possibility of damage to the blades.

- In the case of temperatures below zero °C, check that ice has not stuck the rubber part against the windscreen glass. If necessary, release with an anti-ice product.
- Remove any snow on the windscreen: as well as protecting the blades, this avoids forcing and overheating the electric motor.
- Do not activate the windscreen wipers when the windscreen is dry.

Spray nozzles

If the jet does not work, first check that there is fluid in the pan (see “Level checks” in this section) then check that the nozzles are not clogged.

Replacing the wiper blades

Due to the difficulty of this operation, we recommend that you contact the **Maserati Service Network** for replacement.

Air conditioning system

During the winter, the air conditioning system should be operated at least once a month for about 10 minutes.
Before the summer season, have the system efficiency checked by the **Maserati Service Network**.

WARNING: The system uses R134a type coolant that, in the event of accidental leakage, is not harmful for the environment. Under no circumstances should you use R12 fluid that, in addition to being incompatible with the system components, contains chloro-fluoro-carbons (CFCs).

Bodywork

Protection from atmospheric agents

The main causes of the corrosion phenomena are:

- atmospheric pollution;
- salinity and humidity in the atmosphere (sea areas or humid climate);
- seasonal environmental conditions;
- salt scattered on the road surface to melt ice and snow.

The abrasive action of atmospheric dust and wind-carried sand, mud and stones should not be underestimated.
On your vehicle, MASERATI has adopted the best technological solutions to protect the bodywork from corrosion.
The main measures are:

- Paint products and systems that provide the vehicle with high-resistance features against corrosion and abrasion.
- Use of galvanized (or pre-treated) metal sheets whose most exposed parts are highly resistant against corrosion.
- Spraying of the underbody, engine compartment, internal part of the wheelhouse and of other parts using highly protective wax products.
- Spraying of the plastic material most exposed parts with protective function: under the doors, inside of the mudguards, edges, etc.
- Use of ventilated box sections treated with wax products, to prevent water condensation and pooling, which may lead to the internal formation of rust.

Tips for keeping the bodywork in good condition

Paint

Paint does not only have an aesthetic function but also serves to protect the 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 finishes. For all paint touch-ups, use only genuine products indicated on the label applied on the engine compartment lid.

Normal paint maintenance consists in washing, the frequency of which depends on the conditions of use and of the environment. For example, in areas where there is high atmospheric pollution or if travelling on roads spread with anti-freeze salt, it is advisable to wash the vehicle more frequently.

WARNING: Detergents pollute water. Therefore the vehicle should be washed in areas equipped for the collection and purification of the fluids used for washing.

For correct washing:

- wet the bodywork with a low-pressure water jet;
- run a sponge soaked in a neutral detergent solution over the bodywork, remembering to rinse the sponge frequently;
- thoroughly rinse with water and dry with a jet of air or suede.

When drying, take particular care with the parts that are less visible, such as the door bays, front lid, 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 engine compartment lid 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 vehicle.

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.

WARNING: Bird droppings must be washed off immediately and thoroughly, since their acidity is particularly corrosive.

WARNING: To provide better protection for the paint, polish the vehicle at regular intervals, with a suitable product leaving a protective film on the paint.

WARNING: If the vehicle is washed using high-pressure water jets or cleaners, it is important that the nozzle of the jet be kept at a distance of at least 40 cm (15.8 in) from the bodywork to avoid damaging it.

Windows and rear window

To clean the windows, use special detergents.
Only use clean cloths so as not to scratch the windows or make them less transparent.

WARNING: In order not to damage the electric elements fitted inside the heated rear window, rub gently following the direction of the elements.

WARNING: When cleaning the transparent plastic covers of the headlights, never use aromatic compounds (e.g. petrol) or ketones (e.g. acetone).

Cleaning the soft top

The functional and aesthetic lifetime of the soft top depends on proper care and appropriate use.
Improper handling and use may compromise the soft top efficiency.
Normally, the soft top does not need be washed every time the vehicle is washed. It is usually sufficient to rinse it with water.
We recommend that you clean and wash light colour soft tops with the greatest care and frequently.
In addition, dirt will be much more visible on light colour soft tops rather than on dark ones, therefore we recommend that you only use specific products for soft top treatment, which you can buy from the **Maserati Service Network**.

Washing

Do not use high-pressure cleaning systems to wash the soft top.

WARNING: Use water and soft brushes; do not use hard-bristle brushes.
It is always advisable to handwash the soft top with the vehicle parked in the shade and to avoid exposure to the sun.

- Remove the dirt residues using a vacuum cleaner.
- Thoroughly rinse the canvas with water and a neutral shampoo specifically designed for soft tops.

WARNING: Do not use solvents, alcohol, petrol or generic detergents to clean the soft top.

- Let the product act for a few minutes.
- Then rinse thoroughly until all traces of foam have been removed.
- Let the canvas dry.

WARNING: A second wash might be necessary. Wait until the canvas is completely dry before deciding on a second wash.

- When the canvas has dried, finish the cleaning treatment by rinsing the soft top with a product containing fluorocarbons to make the canvas water-repellent.

WARNING: If you do not perform this treatment, the canvas will more rapidly get stained.

WARNING: A series of specific products for soft top cleaning are available at the **Maserati Service Network**.

WARNING: The vehicle may not be washed with high-pressure water jet systems, be they a manual nozzle or an automatic car wash with turning rollers.

Protective treatment

WARNING: A series of specific products for soft top treatment are available at the **Maserati Service Network**.

WARNING: To ensure a longer functional and aesthetic life of the soft top, follow the instructions given in the Maintenance Schedule. Have the protective treatment performed by the **Maserati Service Network**, where specifically designed products are available.

Engine compartment

At the end of each winter season, carefully wash the engine compartment, remembering to not direct the jet of water for too long directly on the ECUs and on the relay and fuse boxes on the right-hand side of the engine compartment (driving direction). To perform this operation, you must contact a specialised workshop.

WARNING: Wash only when the engine is cold and with the ignition key turned to **STOP**. After washing, make sure that the various protections (e.g. rubber boots/caps, guards etc.) have not been removed or damaged.

Interiors

WARNING: Do not use alcohol, fuel or solvents to clean the transparent part of the instrument panel.

Do not keep aerosol bottles in the vehicle. Risk of explosion! Aerosol bottles should never be exposed to temperatures above 50°C. The temperature inside the vehicle when exposed to the sun may easily exceed this value.

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.

Cleaning the leather upholstery

- Remove the dried dirt with a slightly damp deerskin or a cloth, without rubbing too hard.
- Remove any liquid or grease stains with a dry absorbent cloth, without rubbing.
- Then run a soft cloth or deerskin damped with water and neutral detergent.
- If the stain persists, use specific products carefully following the instructions for use.

WARNING: Never use alcohol, alcohol-based products or solvents.

Leather upholstery treatment

Have the leather upholstery only treated as provided in the Service Time Schedule and by the **Maserati Service Network**, where specially designed products will be used.

Parts in premium quality wood

Remove any dirt with a deerskin leather or damp cloth.

If the vehicle is stored for long periods

If the vehicle is not used for several months, take the following precautions:

- Wash and dry the vehicle thoroughly.
- Store the vehicle in a covered, dry and, if possible, ventilated area.
- Select **P** (PARK), then turn the key to position **STOP.**
- Disconnect the battery (see page 205).
- Check the battery charge condition. This check should be performed every month while the vehicle is stored. Recharge the battery if the load-free voltage is below 12,5 V.
- Check that the electric parking brake is not applied.
- Clean and protect the painted parts applying protective waxes.
- Clean and protect polished metal parts with specific products available on the market.
- Talc the windscreen wiper blades and raise them from the windscreen.
- Cover the vehicle with a long cloth in transpirating fabric (available at the **Maserati Service Network**). Do not use thick plastic sheets, which do not allow the humidity on the vehicle surface to evaporate.
- Inflate the tyres up to a pressure which must be 1 bar (14.5 psi) higher than the normally prescribed one, and check it at regular intervals.

The tyre pressure must be brought back to the prescribed value before reusing the vehicle.

- Do not drain the engine cooling system.

Restarting the vehicle

Before restarting the vehicle after a long period of inactivity, we recommend to carry out the following operations:

Check the tyres for pressure and for any damage, cuts or cracks. If this is the case, have them replaced.

- Do not dry-dust the exterior of the vehicle.
- Visually inspect if there are any fluid leaks (oil, brake and clutch fluid, engine coolant etc.).
- Have the engine oil and filter replaced.
- Check the fluid levels in the braking system, as well as the engine coolant level.
- Check the air filter and replace it if necessary.
- Check the condition of the engine belts.
- Reconnect the battery after having checked its charge condition and carry out the initialisation procedures where required. In this regard, consult the chapter “Reconnecting the battery” in this section.
- With the gearshift in neutral (N), let the engine idle for several minutes

This operation must be performed outdoors. Exhaust gases contain carbon monoxide which is strongly toxic and potentially lethal.

Reconnecting the battery

- Open the luggage compartment with the key.
- Connect the battery.
- Unlock and lock the doors using the remote control.
- Check that the seats are working properly: in the event of malfunctioning, perform the “initialisation” procedures specified in the chapter “Front seats” contained in the section “Before you drive”.
- Turn on the Multi Media System and adjust the system date and time setting following the instructions given in the chapter “Configuration” in the “Multi Media System” manual.

WARNING: Each time the battery is reconnected, wait at least 30 seconds with the ignition key in position **MAR** before starting the engine. This enables the electronic system that controls the motor-driven valves to run a self-learning procedure. The “Multi Media System” setting procedure can be performed at the same time.

WARNING: Each time the battery is reconnected, the Ⓟ and Ⓟ! warning lights flash for about 10 seconds and then go off.

RF remote control: Ministerial homologation

Some countries do not require a specific domestic homologation in the event that the vehicle has already obtained other European homologations.

MASERATI end of life vehicles take back

MASERATI has always been committed to reducing the environmental impact at every stage of the life cycle of our vehicles. Through this commitment it has developed a global policy for the protection of and respect for the environment through constant improvements in the production process and the creation of products of increasing Eco-compatibility.

Under the European Directive "End-of-life Vehicle Directive" (2000/53/EG), MASERATI or its authorised dealers have taken steps to ensure that vehicles that have reached the end of their life can be disposed of with minimum environmental impact.

If you wish to return back your MASERATI end of life vehicle without additional costs (except for those required by local legislations, like the deregistration fee and eventual transport cost until the **Maserati Dealer**) you may:

- Contact the closest **Maserati Dealer**, that will then transfer the vehicle to an ATF (Approved Treatment Facility), where available, in charge of recycling and disposing of the vehicle in an environmentally friendly way.

Alternatively you may also ask for assistance through:

- Toll-free number:

Italy	800 008 008
Switzerland DEU	0800 837 100
Switzerland FRA	0800 837 200
Switzerland ITA	0800 837 300
Germany	0800 810 8080
Sweden	020 798 000
Norway	800 180 88
Finland	0800 110 808
Austria	0800 281 888
France	0800 908 000
Princ. Monaco	800 93 888
Danmark	808 880 00
Belgium	0800 710 31
Belgium FRA	0800 710 30
Luxemburg	800 280 00
Holland	0800 022 4234
Spain	900 996 945
Portugal	800 839 103
Greece	00800 3912 725 41
Turkey	00800 399 090 538
Great Britain	0800 0 646468
Latvia	0371 7500 100

- E-mail address: Contact@maserati.com

Obviously your MASERATI end of life vehicle must meet the following conditions:

- All significant components such as engine, gearbox, chassis, bodywork, catalytic converter, wheels and electronic control units must be present in the vehicle.
- There must be no additional waste in the vehicle.

MASERATI, that is currently working to ensure compliance with the regulation and convenience for its customers, thanks you for supporting this environmental challenge.

Conversion table

		Distance			
1 km	=	0.6214 mi	1 mi	=	1.609 km
1 m	=	3.2808 ft	1 ft	=	0.3048 m
1 m	=	1.0936 yd	1 yd	=	0.9144 m
1 cm	=	0.3937 in	1 in	=	2,54 cm
		Volume			
1 l	=	0.2642 US gallon	1 US gallon	=	3.785 l
1 l	=	0.2199 UK gallon	1 UK gallon	=	4.5460 l
		Weight			
1 kg	=	2.2046 lb	1 lb	=	0.4536 kg
		Power			
1 kW	=	1.341 hp	1 hp	=	0.746 kW
		Pressure			
1 bar	=	14.5 psi	1 psi	=	0.0689 bar
		Consumptions			
1 km/l	=	0.4251 mpg	1 mpg	=	2.3524 km/l

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Owner

Address

Number plate

Vehicle identification data

Engine identification No

Paint identification No

Part number of spare parts

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