MASERATI

QUATTROPORTE

# Owner's Manual

*Dear Customer,*

We thank you for choosing a MASERATI Quattroporte

This vehicle represents the result of MASERATI's great experience in the design and construction of sports cars for both touring and racing.

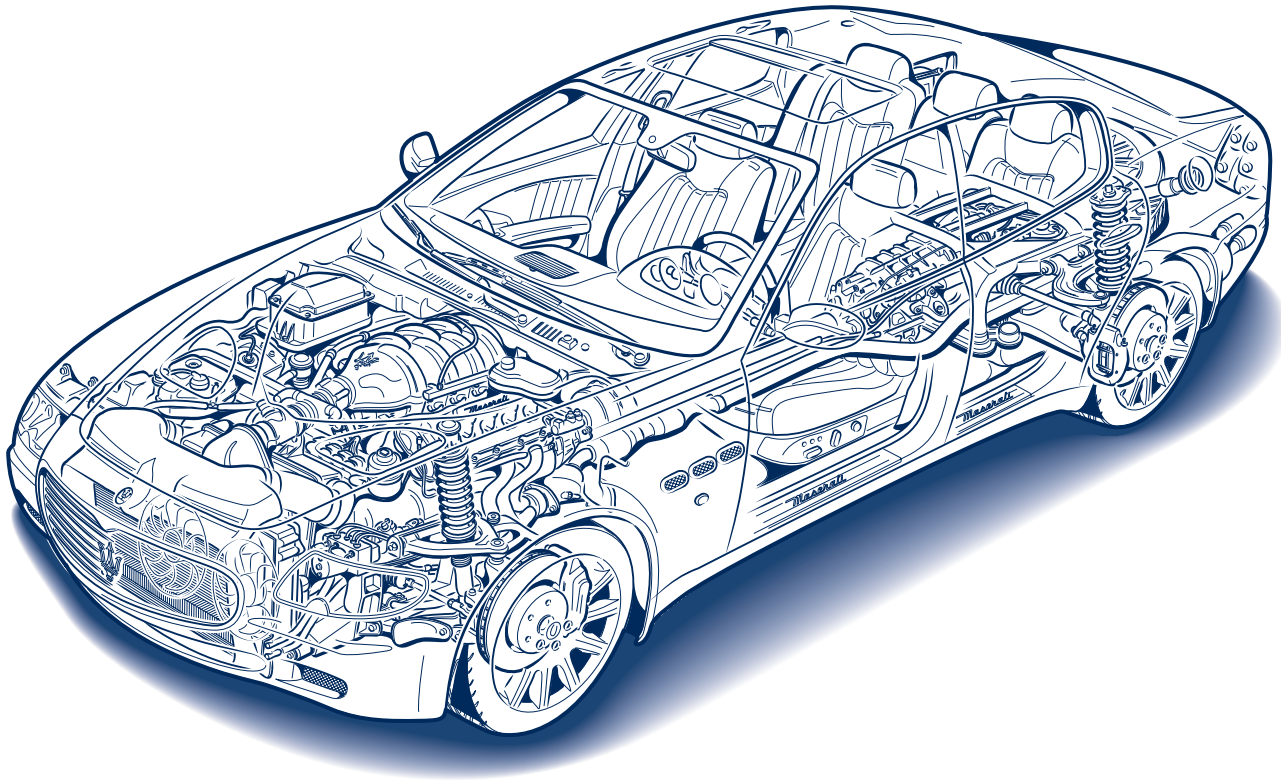
The purpose of this manual is to provide you with an understanding of the equipment, systems and controls in the vehicle and to explain how they work.

In the final section of this manual you will also find instructions for basic maintenance procedures and the complete Service Time Schedule, which are needed to help ensure steady levels of performance, quality and driving safety. In addition, keep in mind that proper maintenance is an essential factor contributing to the value of the vehicle over time and to protection of the environment.

For Scheduled Maintenance or any other service, simply contact your local **Authorized Maserati Dealer**. Their technical staff has the proper training and equipment to help ensure that all service work is carried out properly and reliably.

For your own safety and the safety of others, we recommend that you read this manual carefully before driving the vehicle.

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



# Historical info

***1914***

The Alfieri Maserati garage is founded in Bologna.

***1926***

Targa Florio, Tipo 26: debut and victory of a vehicle sporting the Trident symbol on the hood, 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 land speed record over 10 km at 246 kph.

***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 land speed record in the class 1100 at 222 kph.

***1939***

Wilbur Shaw on a 8CTF wins the Indianapolis 500: 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 adopt fuel injection.

***1963***

Production begins of the Mistral and the Quattroporte, the fastest sedan 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.
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 is presented, designed by Giugiaro,
which will go on to 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 sedan with a six-cylinder engine.

***1989***

The Shamal is the first vehicle to adopt 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 Customization Program.

***2001***

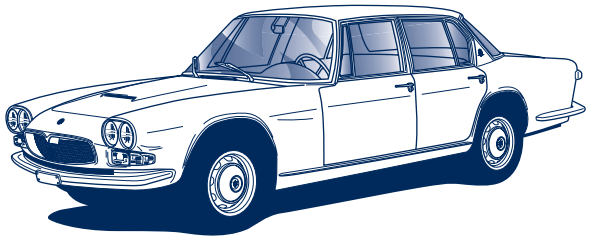
Production begins of the Spyder with 4200 eight-cylinder engine and the electro-hydraulic steering-wheel mounted gearbox "Cambiocorsa". Alfieri Maserati garages.

***2002***

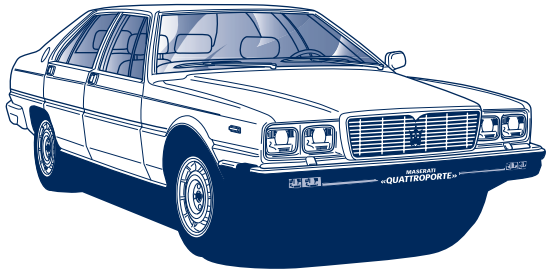
The 2+2 Coupè is presented.

***2003***

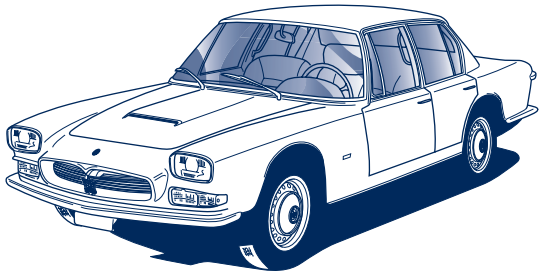
A return to racing with the TROFEO.



**Quattroporte 1963**




**Quattroporte 1976**



**Quattroporte 1965**

# Introduction

## Consulting the Manual

To facilitate reading and rapid use, the topics are sub-divided into SECTIONS and CHAPTERS.
The important parts requiring particular attention are easily identifiable in the sections and chapters:

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

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 SYSTEM

**ABS** - ANTI-LOCK BRAKING SYSTEM - Wheel locking prevention system during braking

**ASR** - ANTI-SLIP REGULATION - Prevention of skidding during acceleration

**EBD** - ELECTRONIC BRAKE-FORCE DISTRIBUTION - Electronically controlled distributor of braking force

**ECU** - ELECTRONIC CONTROL UNIT

**MSP** - MASERATI STABILITY PROGRAM Yaw prevention monitoring system

## Updating

The vehicle's high quality level is enhanced by constant improvements. Therefore, there may prove to 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, and are subject to change without notice.

## Service

The information contained in this manual is limited to those instructions and indications that are strictly required for the use and good preservation 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 at your local **Authorized Maserati Dealer**, where you will find specialized staff and suitable equipment.
See the "SALES AND SERVICE ORGANIZATION" manual for locations of AUTHORISED MASERATI DEALERS AND SERVICE CENTRES.
Your local **Authorized Maserati Dealer** is at your complete disposal for any information and suggestions.

## "DuoSelect"

The vehicle is equipped with a manual gearbox system with double-plate dry clutch, controlled by an electro-hydraulic system by means of the levers on the steering wheel.
Although the system can be used in "automatic" mode, the "DuoSelect" should not be considered as an automatic transmission. Therefore, for correct use, carefully follow the instructions in the respective section of this manual.

## NHTSA's Toll-free Auto Safety Hotline

If you believe that your vehicle has a defect which could cause a crash, injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Maserati S.p.A. or Maserati North America, Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Maserati North America, Inc.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 1-703-366-0123 in Washington, D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety by calling the Hotline.

## Multi Media System

The vehicle is equipped with the Maserati IT "Multi Media System" which includes the following standard features:

- on-board computer;
- satellite navigation system (where digital maps are available);
- Bose Sound System;
- single CD-reader.

On request, the range of functions can be further enhanced with the addition of an optional GSM telephone (where this standard is available), the CD-changer, the TV module and the on-board IT "CALL" services.

## “Run Flat” tires (optional)

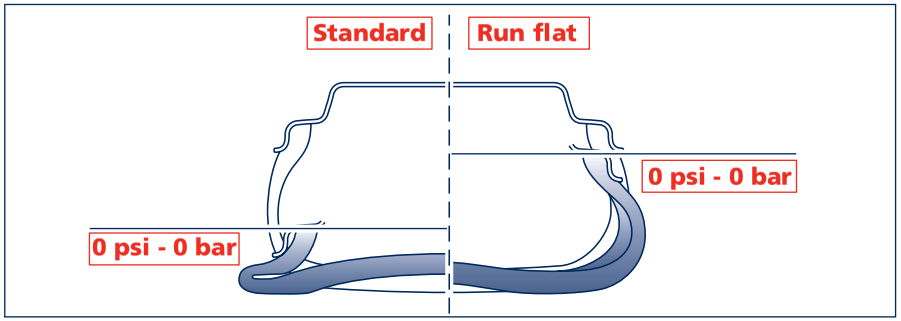
The vehicle can be fitted with “Run Flat” tires. This kind of tire is equipped with reinforced sidewalls which permit the vehicle to continue traveling at moderate speed (50 mph - 80 km/h), even in the event of a puncture, for a set distance.
When the control panel receives the “punctured tire” information from the tire pressure ECU, it monitors the residual tire life by showing a warning signal in the relevant area on the display after 31 mi (50 km) and 62 mi (100 km).

After 75 mi (120 km), the warning not to continue will be displayed.
For further information on the display, please refer to chapter: “Tire pressure monitoring system” on Page 42.

WARNING: Always comply with the specified wheel alignment values, as this is fundamental to obtain the best performance from and the longest life of your tires.

## Towing the vehicle

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



# Symbols

There are specific colored 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 listed concisely 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, prohibition, warning, compulsory - with respect to that same symbol.

## Danger symbols

***Battery***
Corrosive liquid.

***Battery***
Explosion

***Fan***
It can start up automatically even with the engine stopped.

***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 naked flames.

***Battery***
Keep children at a safe distance.

***Heat guards - belts - pulleys - fans***
Do not rest your hands on these parts.

## Warning symbols

***Catalytic muffler***
Do not park or stop over flammable surfaces. Refer to chapter: “Air Quality devices”.

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

***Brake circuit***
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 wipers***
Only use fluid of the type prescribed in the section “Capacities and technical specifications”.

***Engine***
Use only the lubricant recommended in the section “Capacities and Technical specifications”.

***Vehicle using lead-free gasoline***
Only “Premium gasoline” with an AKI (Anti Knock Index) rating no lower than 91 (approximately 96 R.O.N.) must be used.

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

## Symbols indicating compulsory measures

***Battery***
Protect your eyes.

***Battery - Jack***
Refer to the Owner's Manual.

# Contents

# Vehicle identification data

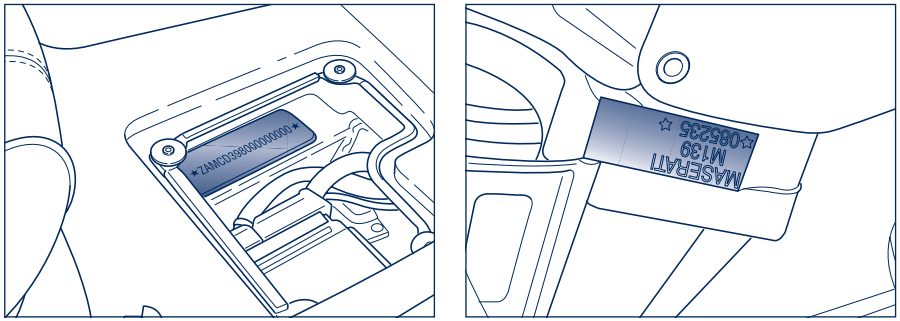
# Identification plates

## Chassis marking

The vehicle's 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 identification number is punched on the cylinder block and includes type and serial number.
The engine type is also indicated on the plate positioned on the front, left-hand door's jamb.



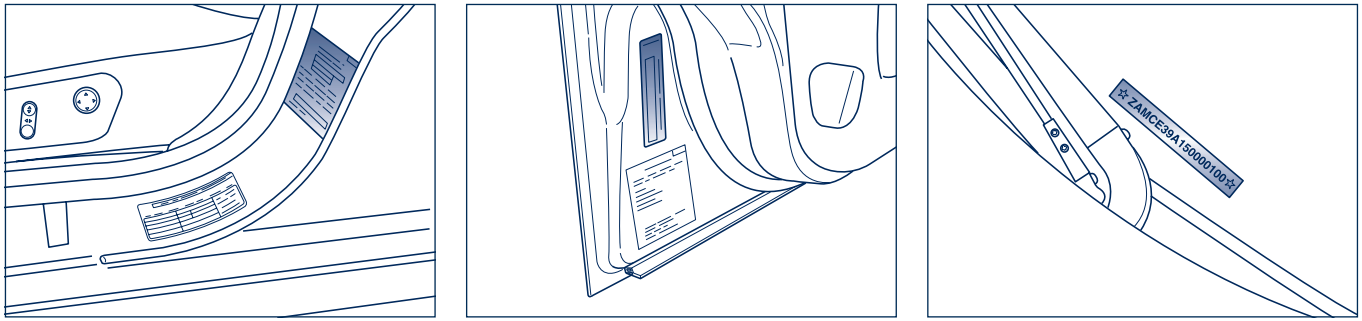

*Identification plates*

## Homologation plates

– Plate for compliance with safety standards;

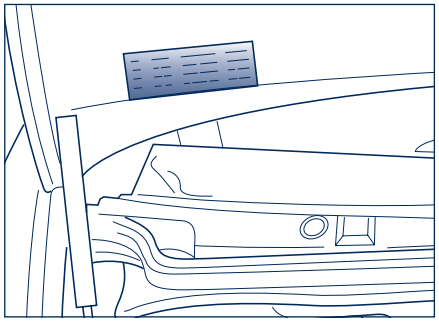
– V.I.N. plate;

– Chassis type and number;




*Homologation plates*

– Emission control data plate.



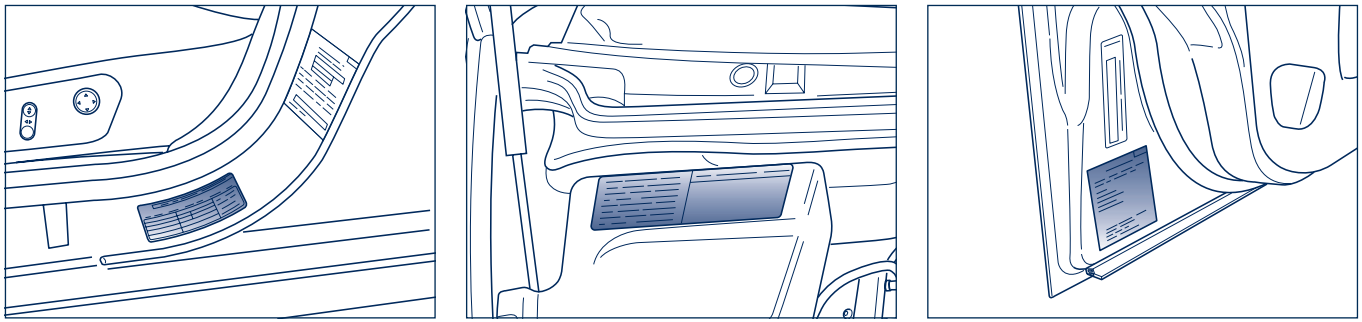
*Homologation plates*

## Instructions plates

– Tire specification plate;

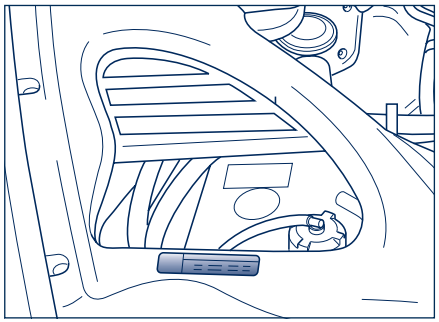
– Lubricant plate;

– Mercury content warning plate;



*Instructions plates*

– Anti-freeze plate.



*Instructions plates*

## Key codes

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

– the electronic code **A** to be used in the procedure for “emergency starts”

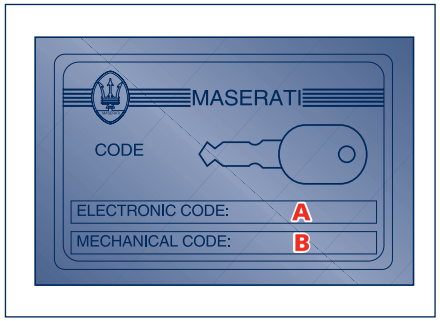
– the mechanical key code **B** to be given your local **Authorized Maserati Dealer** when ordering duplicate keys.

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 this is absolutely necessary in the event of an “emergency start”.

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 car) in order to request duplicates if needed.




**This device comples with Part 15 of the FCC Rules.**
**Operation is subject to the following two conditions:**
**1) this device may not cause harmful interference;**
**2) this device must accept any interfernce received, including interference that may cause undesired operation**

**Changes or modification not expressly approved by the party responsable for compliance could void the user's authority to operate the equipment**

**FCC ID: RX2NBCL3**

**IC: 4983A-NBCL3**

# Active and passive safety

# Seat belts

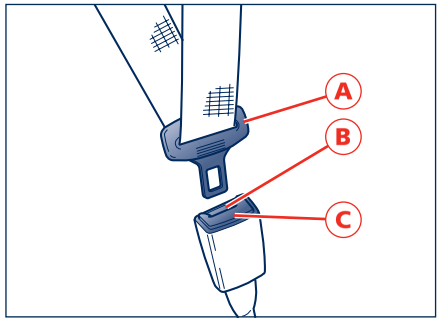
The vehicle is equipped with seat belts with automatic retractor designed for maximum freedom of movement.
The seat belts are provided with electronically-operated pretensioners.
Moreover, the lower attachment points are connected directly to the seat to help provide maximum protection.

## Fastening the seat belts

Extract the lower section of the seat belt from the outer side of the seat and secure it by holding the fastening tang **A,** and pulling out the belt until the tang inserts into the buckle lock **B**.
The belt is correctly engaged when the lock clicks into position. To release the belts, press button **C**.
If the driver's belt is not fastened, when the ignition key is turned to **MAR** the warning light on the instrument panel comes on and a buzzer sounds for about 8 seconds.

The retractor locking device is activated whenever the belt is pulled out too rapidly or in case of sudden braking or collision.
If the 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 free movement.
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.



## Adjusting the front seat belts height (front seats only)

**The seat belts height must be adjusted with the vehicle stationary.**

Always adjust the height of the front seat belts so that they suit the driver's and passenger's height. This precaution can reduce the risk of injury in a collision substantially.
The correct adjustment is achieved when the belt passes about mid-way between the end of the shoulder and the neck.
The upper attachment point of the seat belts is equipped with an oscillating ring capable of moving into 4 different positions, allowing the belts position to be adjusted.

To move the attachment fitting, press control **D**.

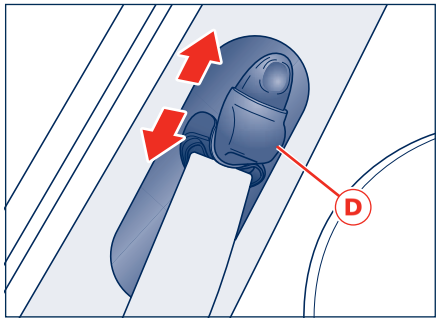
**After the adjustment, always check that the cursor to which the oscillating ring is fixed, is locked into one of the positions provided. Therefore, with the handgrip released, push again downward to allow the anchoring device to click into place, in the event that it has not been released in one of the positions provided.**

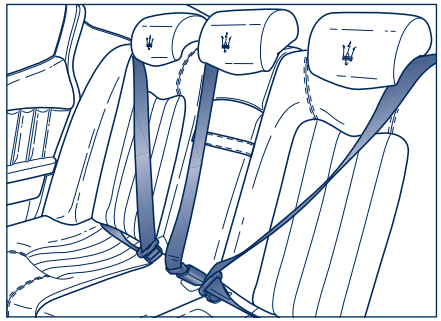
## Using the rear seat belts

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

**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 injury 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.
When the rear seats are not occupied, place the seat belt buckles in their respective seatings.



*Seat belts*

## Load limiting devices

To increase passive safety levels, the front seat belt retractors are equipped with a load limiting device designed to control the belt reeling out, so that the force exerted on the shoulders while the seat belt is in restraining mode can be suitably adjusted.

## Pretensioners

To make the front seat belts still more efficient, the vehicle is equipped with pretensioners.
These devices are designed to "detect", by means of a sensor, that the vehicle is in a collision and retract the belts by a few centimetres. This helps ensure that the belt perfectly adheres to the occupants' bodies before starting its restraining action.
The belt locking indicates that the device has been activated; a small amount of smoke may be visible. The smoke is not toxic and is not indicative of fire.

After the 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.

WARNING: Tampering with the device will compromise its efficient operation. 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 ensure the best protection from the pretensioner, secure the belt snugly across your chest and pelvis.

**The pretensioners will operate only once, and will activate even if the belts are not fastened. Therefore, they must be replaced by your local Authorized Maserati Dealer after operation. The units have a ten 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 mounting the pavement unintentionally, for instance, should not affect the units. Contact your local **Authorized Maserati Dealer** for any intervention that may be required.

**It is strictly forbidden to remove or tamper with the pretensioner components. Any intervention must be carried out only by qualified and authorized personnel. Always contact your local Authorized Maserati Dealer.**

## General warnings for using the seat belts

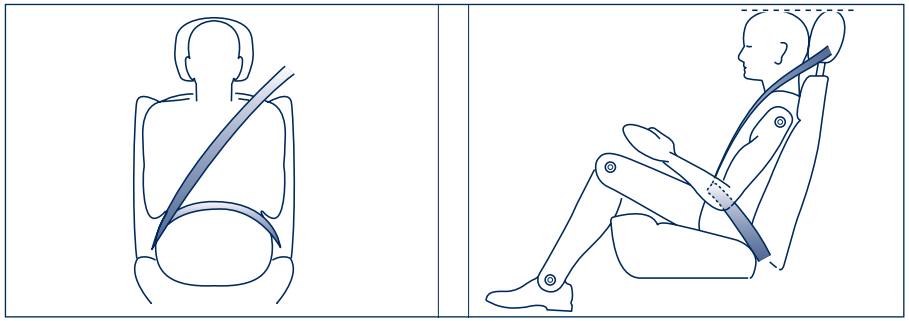
The driver is obliged by law to respect and obey, also in relation with the passengers carried, the provisions of local legislation regarding the compulsory use of seat belts.

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

When travelling with one or more child seats fitted on the rear seat of the vehicle, the tables must be in closed position.

When the vehicle is moving and the table/s is/are open, passengers traveling in the rear seats must fasten their seat belts. Travelling without the seat belt fastened increases the risk of injury in the event of a collision.

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 the vehicle's occupants being thrown against the structures of the passenger compartment or out of the vehicle. The airbags are designed to work together with the seat belts, not to substitute them. The front airbags only intervene in the event of certain head-on collisions of medium or high intensity. They will not be activated if the vehicle rolls over, or in the event of rear bumps or minor frontal collisions.



**Do not fasten your seat belt using the buckle lock 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, causing serious internal injuries.**

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

**The belt must not be twisted; make sure that it is snugly fitted to the driver's and passenger's bodies. In fact, in an accident, the restraining force would not be distributed evenly along the belt and would consequently cause injuries. The upper part of the 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 (clips, fastenings etc.) that prevent the seat belts from laying close to the passengers' bodies.**

**Do not carry children on a passenger's lap using only one seat belt for protecting both of them.**

**If the seat belt has been suffered a heavy mechanical stress, for example during a collision, it must be completely replaced together with its anchorages, the screws fastening the said anchorages and the pretensioner. In fact, even if there are no visible defects, the resistance level offered by the seat belt could be reduced.**

**Pregnant women must scrupulously observe local legislation regarding the use of seat belts. Make sure, in any case, that the lower section of the belt is positioned well down on the hips, below the abdominal region of the body.**

## How to keep seat belts efficient

**1)** Always use the seat belts keeping the belt perfectly flat, not twisted; make sure the belt can slide 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 colourants and any other chemical substance that could weaken the belt fibers.

**4)** Make sure the retractors do not get wet: as they will not operate properly.

## Safe transport of children

For the best protection in the event of a collision, all the vehicle's occupants must travel seated and protected by all the suitable restraining systems. The seat belts are designed to be used by persons whose physical characteristics (age, height, weight) are provided for by established legislation in each country. Anyone who does not comply with these provisions may not travel in the front passenger seat. This also applies to children. Their heads are proportionally heavier and larger than those of adults, while their bones and muscles are relatively undeveloped. To help protect them in case of a collision, they must use special restraint or safety systems.

**We recommend that you always carry children in the specific restraining systems installed on the rear side seats, as this is the best place in the event of a collision.**

**No child under 12 should travel in the passenger seat.**

**No child seat can be installed in the rear, central seat.**

**When travelling with one or more child seats fitted on the rear seat of the vehicle, the tables must be in closed position.**

**Children must never travel seated on a passenger's lap. A child weighs very little until a collision occurs! 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 25 mph (40 km/h), a child weighing 12 lb (5.5 kg) exerts a force equal to 240 lb (110 kg) 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 are designed to 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 the babies' 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 seat, the forces of an impact are distributed throughout the strongest parts of the body, i.e. the back and shoulders. Babies must always be protected by a suitable restraining system when travelling.**

**Babies travelling in a rearward-facing seat or children travelling in a child seat may be seriously injured in the event of airbag activation. This could happen because the seatback of the child's seat may be positioned extremely close to the airbag at the moment it is inflated. Do not place an infant or a child in the front passenger seat at any time.**

**The structure of a child's body is completely different from that of an adult or a teenager (whom the seat belts are designed for). Children's hips are so small that the 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, can cause serious internal injuries. Children must always be protected by suitable restraining systems.**

All minors whose physical characteristics (age, height, weight) fall within the value ranges/limits provided by the established legislation in each country must be protected by special restraint or safety systems (certified child seats, booster seats).
Make sure to always use approved universal child restraining systems.
Follow the instructions that the manufacturer of the devices is compulsorily required to supply together with the child restraint systems.
To ensure the best restraining action of the child seats, we recommend that you choose the model that best suits the shape of your seats. If possible, try to install the seat on the vehicle before purchasing it.

**To guarantee the best restraining action of the child seat, we recommend that you choose the seat that best suits the shape of your vehicle's seat and that you try to install the child seat before purchasing it.**

**In the event of an accident, an improperly fastened child restraining system can increase the risk of injury.**

**Rearward-mounting child seats must not be used on front passenger seats equipped with active airbags, as these could cause serious injuries during inflation, even in minor collisions.**

**No modifications can be made to the seat belts and the child restraining systems.**
**Established legislation in some countries already provides that children under 12 years of age may not travel in the front passenger seat.**

**Below is a summary of the safety regulations applying to the transport of children:**
We recommend that you always carry children in the specific restraining systems installed in the rear outbound seats, as this is the safest place in the event of a collision.
Always and strictly follow the instructions that the manufacturer provides with the seat.
Keep the instructions in the vehicle together with the documents and this handbook. Do not use a seat which does not have any instructions for use.

WARNING: We recommend that you choose the seat that best suits the shape of your vehicle's seat and that you try to install the seat before purchasing it.

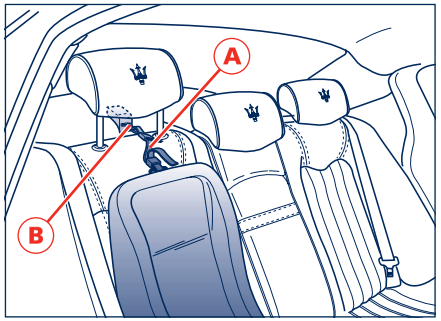
Always pull on the seat belt to check that it is locked in.
All restraint system must be used by a single passenger only: never carry two children in the same seat.
Always check that the seat belts are not resting against the child's neck.
Do not allow the child to assume incorrect positions or undo the seat belt /child seat safety harness during travel.

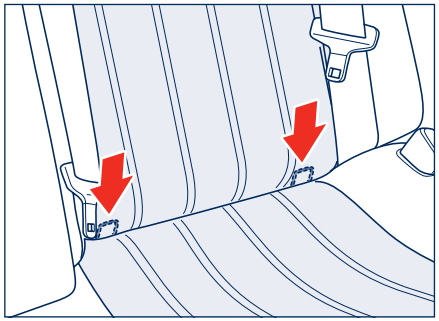
Do not carry children in your arms, even new born children. Nobody, however strong, can hold on to a child in the event of a collision.
After an accident, always replace the child seat with a new one.
The vehicle outfitting is designed for mounting child seats with top anchoring.
To fit the child seat, run the belt **A** through the support pins of the headrest and anchor it on one side to the backrest of the child seat and on the other side to the bracket **B** on the car body.

## Isofix seats

The rear side 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 offers a special anchoring system for child seats, which uses two metal brackets positioned between the seat cushion and backrest.
The seats designed for Isofix child seats installation can however be fitted with standard child seats;
as a matter of fact, you can install a standard and an Isofix child seat at the same time.
No more than two standard child seats and 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 provided brackets when a click indicates it is locked in place. Follow the mounting, removal and positioning instructions provided by the child seat Manufacturer.**

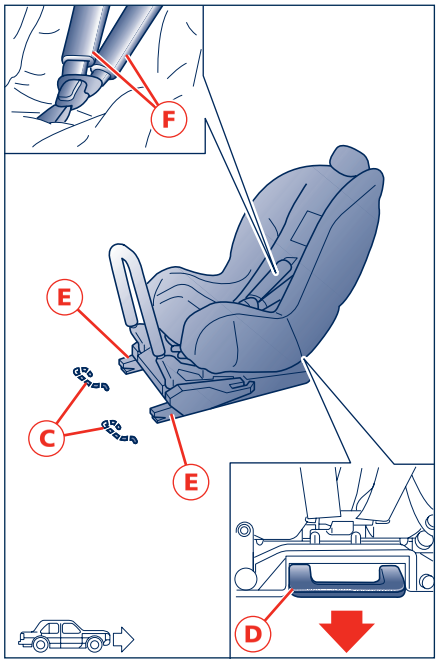


*Safe transport of children*

## Fitting the child seat in rearward-facing position

To fit the child seat in a rearward-facing position, be particularly careful that the brackets **C** are properly inserted in their seatings **E**.
The baby is then secured by the child seat's harness **F**.

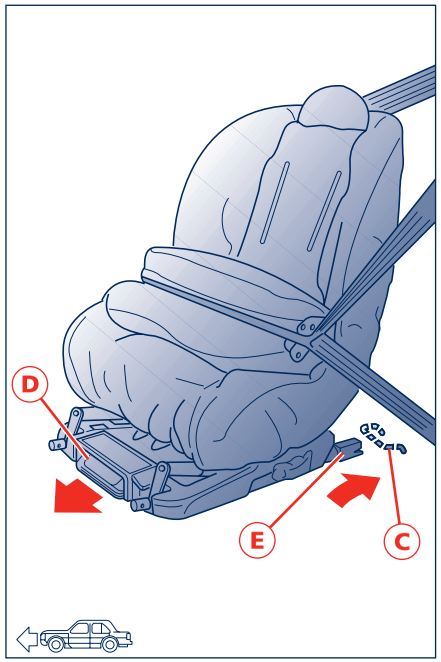



*Safe transport of children*

## Fitting the child seat in frontward-facing position

For installation, proceed as follows:

– make sure that the release lever **D** is in the standby position (retracted);

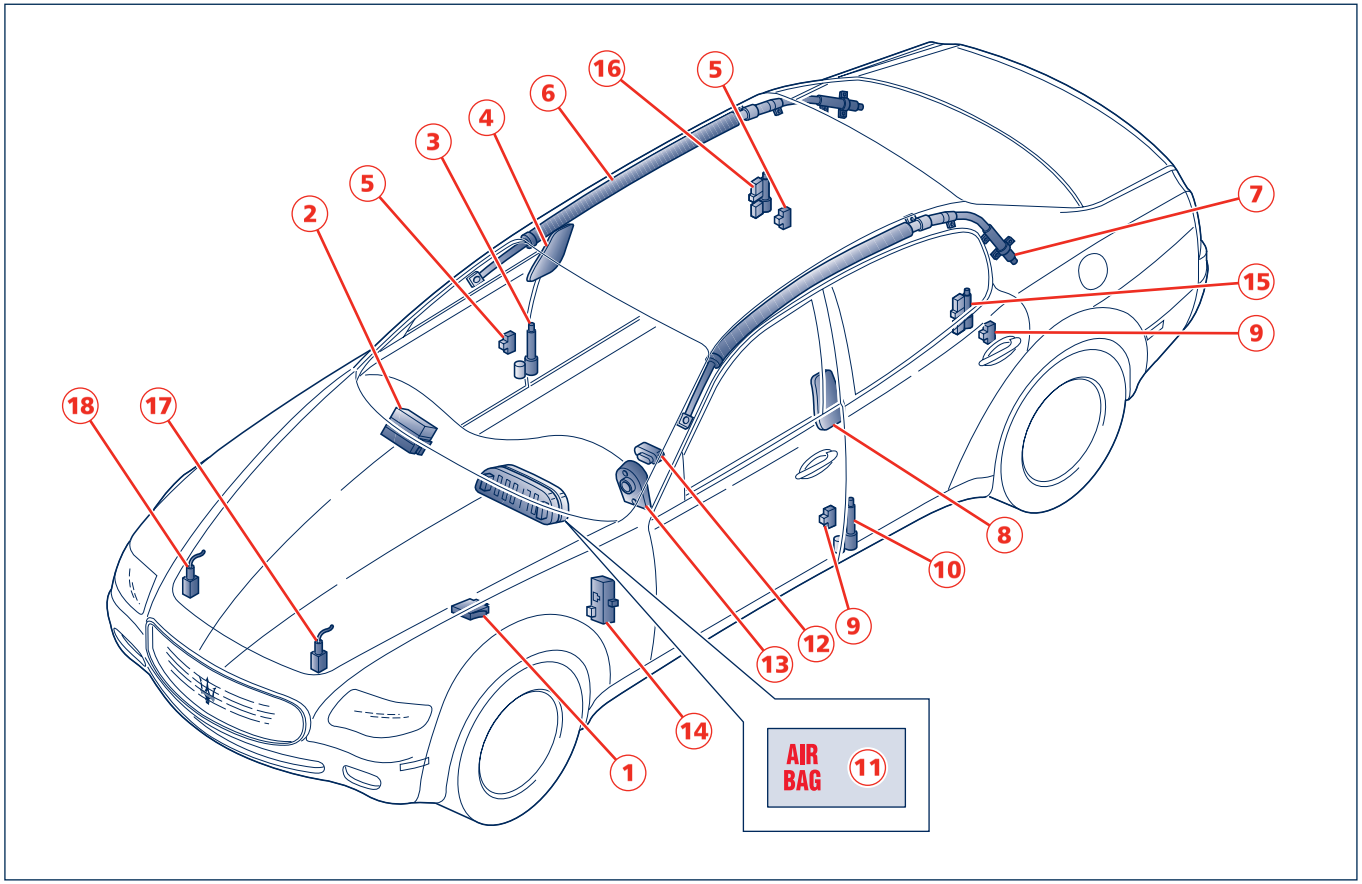



– align the anchoring points **C** with the brackets **E**, then push the seat until you hear it click into place, which indicates it is secured

– check for correct locking by trying to move the child seat with strength; the safety mechanisms in fact, help prevent the child seat from being improperly fitted if only one of the attachment fittings is locked.

With this type of configuration, the child is also restrained by the vehicle seat belts and by the upper belt.
In any case, see the instruction booklet provided with the child seat for fitting the vehicle belts into the seat correctly.

## Front and side airbags




*Front and side airbags*

The vehicle is equipped with 6 airbags (2 front and 4 lateral ones) and electronically-operated pretensioners for all of the seat belts.
The system components are the following:

**1)** Electronic control unit

**2)** Passenger's front airbag

**3)** Front passenger seat belt pretensioner

**4)** Passenger side bag

**5)** Satellite collision sensor on passenger side

**6)** Passenger's window bag

**7)** Driver's window bag

**8)** Driver side bag

**9)** Satellite collision sensor on driver side

**10)** Front, driver seat belt's pretensioner

**11)** Airbag system failure warning light

**12)** Driver's lateral airbag

**13)** Clock Spring

**14)** Diagnostics socket

**15)** Rear left-hand pretensioner

**16)** Rear right-hand pretensioner

**17)** Front left-hand Crash Zone Sensor

**18)** Front right-hand Crash Zone Sensor.

## Front airbags

The front airbags (for the driver and passenger) are safety devices which are designed to intervene in the event of certain head-on collision of sufficient impact.
They consist of an instantaneously inflating bag housed in a special compartment:

- in the center of the steering wheel on the driver side;
- in the dashboard and with a larger size bag (full size airbag) on the passenger side.

The front airbags (for the driver and passenger) are safety devices designed to protect the occupants in the event of a medium or high intensity head-on collision, which act by placing a cushion (bag) between the occupant and the steering wheel or the instrument panel dashboard.
In the event of a collision, an ECU processes the signals coming from a deceleration sensor and triggers, whenever necessary, the inflation of the bag.
The bag inflates instantaneously between the front passengers and potentially harmful structures. The bags deflate immediately afterwards.

**In the event of a collision, anyone not wearing a seat belt will be thrown forward and will come into contact with the bag before it is fully inflated. This reduces the protection offered by the bag. It follows that the front airbags (driver and passenger side) do not replace or substitute the seat belts but supplement them, and hence the seat belts must always be worn as provided by established legislation in most other parts of the world.**

**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 your local Authorized Maserati Dealer.**

In the case of low intensity head on collisions (in which the retaining action of the seat belts provides adequate protection), the airbags do not inflate. The airbag does not activate in the event of rear or side collisions, and it does not provide supplementary protection.
Therefore non-activation of the airbags in these cases is not an indication of a system malfunction.

## Passenger's airbag (full size airbag)

The passenger airbag is designed to afford supplementary protection to a person wearing the seat belt.
When fully inflated, it will fill most of the space between the passenger and the dashboard.


**SERIOUS DANGER: the vehicle is fitted with an airbag on the passenger side. Do not allow infants or children to travel in the front passenger seat. Do not install an infant or child safety seat in the front passenger seat. If the passenger side airbag is deployed, serious injuries or death could result.**

**The vehicle is not provided with a manual deactivation switch for the passenger side airbag; it is prohibited to carry children on a rearward facing child-seat mounted on the passenger seat. This regulation is also indicated on the plates attached on the visors and inside the glove compartment.**

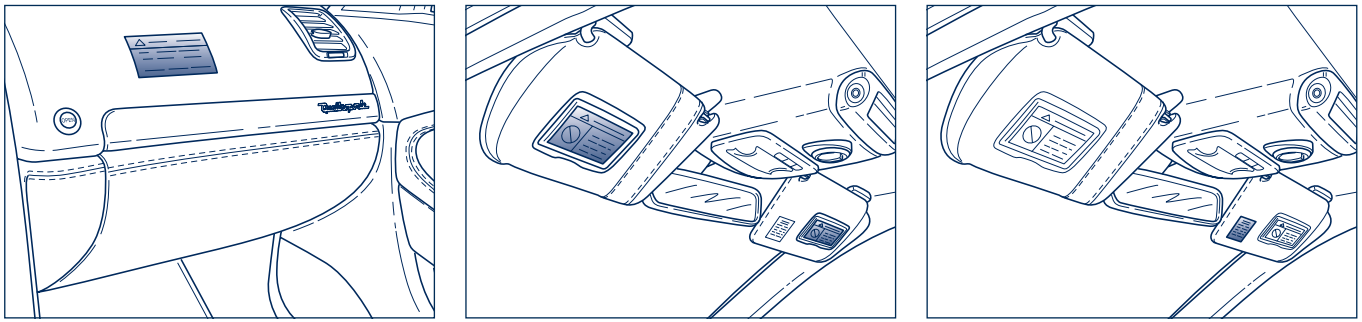
**If the AIR BAG warning light comes on while driving (fault signal) stop the vehicle and contact the local Maserati Dealer to have the system checked.**

**Rearward-mounting child seats must not be used on front passenger seats equipped with active airbags, as these could cause serious injury during inflation, even in minor collision.**

**We recommend that you always carry children in the specific restraining systems installed on the rear out bound seats.**

**No child seat can be installed in the rear, central seat.**

**The plate on the right-hand sun visor, near the courtesy mirror, shows the instructions for the replacement of the airbag system. Contact the local Authorized Maserati Dealer to replace the system when the related expiry date approaches.**



*Front and side airbags*

## Front and rear lateral airbags

The lateral airbags are designed to enhance the protection offered to passengers travelling in the front seats in case of moderate to severe lateral collision.
They consist of two types of instantaneous inflation bags:

– Side Bags housed in the front seats' backrests; this solution allows the airbag to be always on approximate position with respect to the occupant, regardless of the seat position.
– Window bags housed behind the roof lateral panels and covered by special trim panels that do not interfere with the bags' unfolding downwards during inflation. This solution, designed to help protect the head region, offers passengers sitting in the front and in the rear appropiate protection in the case of a side impact, thanks to the large area covered by the bags.

In the event of a side impact, an electronic control unit processes the signals coming from a deceleration sensor and deploys the side airbags if necessary.

The bags inflate instantaneously, acting as a protection between the occupants' body and the side of the vehicle. The bags deflate immediately afterwards.

WARNING: The electronic control unit provides for the activation of the pretensioners, front airbags or side airbags (front and rear) based on different criteria, according to the type of impact.
The fact that one or more systems do not activate is not indicative of a system malfunction.

In the case of low impact lateral collisions (for which the retaining action of the seat belts affords adequate protection), the airbags are not designed to inflate.
It follows that the front airbags (on driver and passenger side) do not replace or substitute the seat belts but supplement them, and hence the seat belts must always be worn as provided by established legislation in most countries.

WARNING: The front and/or lateral airbags may inflate if the vehicle suffers a violent impact beneath the car body, for example when mounting the pavement, colliding with steps or speed bumps, potholes etc.

WARNING: Airbag inflation releases a small amount of powder. This powder is not harmful and does not indicate the presence of fire; furthermore the surface of the deployed bag and the interior of the vehicle may be covered with a powdery residue: this powder may irritate skin and eyes. If contact occurs, wash with a pH neutral soap and water.

**If the warning light AIR BAG switches on when the vehicle is running (indicating a fault), contact your local Authorized Maserati Dealer as soon as possible to have the system checked.**

WARNING: The airbag system has a service life of 10 years. Contact your local **Authorized Maserati Dealer** when this period is near to expiration

**In the event of a collision with consequent airbag inflation, contact your local Authorized Maserati Dealer for replacement of the entire safety system, electronic control unit, seat belts, pretensioners, and to have the vehicle's electrical system checked.**

**All testing, repairs and replacements of the airbag system must be done by a Maserati Service Network Center.**

WARNING: In case of scrapping of the vehicle, contact your local **Authorized Maserati Dealer** to have the system deactivated.

WARNING: If the vehicle is sold, the new owner must be informed of the aforesaid instructions for use warnings and he/she must also be provided with the "Owner's Manual".

**The electronic control unit activates the pretensioners and front/lateral airbags based on different criteria, according to the type of collision. The fact that one or more systems do not to activate is not indicative of a system malfunction.**

## General warnings

When the ignition key is turned to the MAR position, the warning light AIR BAG comes on, but it must switch off after approx. 5 seconds. If the warning light fails to come on at this time, or stays on, or lights up when driving, contact your local Authorized Maserati Dealer immediately.

Drive with both hands on the steering wheel rim, so that if the airbag inflates it can do so freely, without encountering obstacles which can cause serious injuries. Do not drive with your body curved forwards but keep the seatback upright, with your back fully 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 objects held in your mouth. In the event of a collision, the intervention of the airbag could result in serious injury.

Do not cover the front seatbacks with clothing or covers.

Note that with the ignition key inserted and turned to the MAR position, even with the engine switched off, the airbags can inflate 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. On the other hand, the airbags will not inflate in case of collision with the vehicle stationary and the key removed from the ignition block; failure of the airbags to inflate in these circumstances is not indicative of a system malfunction.

If the vehicle has been the object of theft or attempted theft, if it has been vandalized or involved in flooding, contact your local Authorized Maserati Dealer to have the airbag system checked.

If interventions are carried out on the electrical system incorrectly, the airbag could be activated, thereby causing injuries to anyone in the vicinity.

The airbags do not substitute the seat belts but afford supplementary protection. Moreover, in the event of head-on collisions at low speed, side impacts, rear bumps or roll-overs, the passengers are protected by the seat belts only, that must always be fastened.

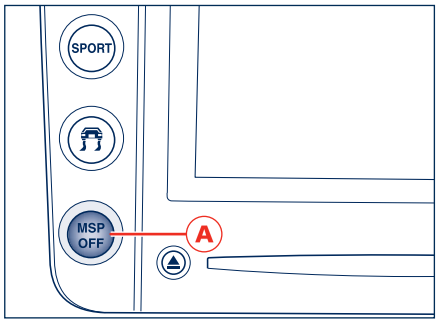
Do not wash the seats with water or pressurised steam (by hand or in the automatic seat wash stations).

Do not hang rigid objects onto the clothing hooks or onto the handholds.

The airbags do not substitute the seat belts but afford supplementary protection. Moreover, since the front airbags do not intervene in the event of head-on collisions at low speeds, side impacts, rear bumps or roll-overs, in these cases passengers are protected by the seat belts only, that must always be fastened.

# MSP System

The vehicle is equipped with the **MSP** (Maserati Stability Program) yaw prevention monitoring system, encompassing all of the vehicle's control systems: ABS, EBD, ASR and MSR. The system is fitted with a unit that is designed to predict the vehicle's behavior accurately. The system is capable of detecting whether the driver is about to lose control of the vehicle. In this case, it can activate the brake calipers individually and the engine control, in order to create a torque sufficient to resist the vehicle's yawing movement.




*MSP System*

## Activation

The **MSP** system is activated automatically every time the engine is started, and it can be disengaged by pressing button **A** for approx. 2 seconds. Press button **A** again to reactivate the system.
During all the system operating stages, the green warning light accompanied by the message "MSP system active" will be lit up on the display.

## Fault indicators

In the event of a fault, the system is automatically disabled and cannot be reactivated. This condition is signalled, while driving, by the amber warning light that comes on both on the instrument panel and on the multi-function display. On the latter, the warning light is accompanied by the message "**MSP** system failure".
When the engine is started, the system malfunction is indicated by the warning light switching on.

WARNING: In the event of a fault with the **MSP** disabled, the vehicle will react as if it were not equipped with this system: have the system checked by your local **Authorized Maserati Dealer** as soon as possible.

WARNING: Make sure that the ignition key is turned to **STOP** if you have to tow the car with 2 wheels raised off the ground. Otherwise, with the **MSP** switched on, the respective control unit will store a malfunction, resulting in the warning lights coming on the instrument panel and on the display: this requires the intervention of your local **Authorized Maserati Dealer** to restore the system.

WARNING: In low grip conditions (ice, snow, sand, etc.) it is advisable not to use the SPORT mode function, even with the **MSP** system active.

WARNING: Driving on parabolic curves will deactivate the system.

# ASR system (electronic anti-skid device)

The **ASR** system is designed to help prevent 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-out) and of the rear brakes.
The ASR system enhances the vehicle stability and improves active safety while driving, especially under the following conditions:

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

The ASR system works jointly with the electronic suspension adjusting system: under normal conditions (SPORT mode off), stability in low and medium grip conditions has priority, while with the SPORT mode active, the system favors traction, thereby optimising vehicle's performance.

## Activation

The **ASR** system is automatically activated every time the engine is started and can be cut-out by pressing button **A** for about 2 seconds.
Press button **A** again to reactivate the system.
During all the system operating stages, the green warning light, accompanied by the message "ASR system intervention" will be lit up on the display.

## Fault indicators

In the event of a fault, the system is automatically disabled and cannot be reactivated. This condition is signalled, while driving, by the amber warning light, that comes on both on the instrument panel and on the multi-function display, accompanied by the message "**ASR** system failure.

## MSR function (engine braking torque adjustment)

The **ASR** system is also desined to controls the engine braking torque when the accelerator pedal is released under low grip conditions (snow, ice, etc.): in these conditions, in fact, the engine's high braking torque may cause instability of the vehicle.
The system, using the same sensors as the ABS, detects the skidding arising on one or both of the driving wheels when the accelerator is released and opens the motor driven throttle for the engine supply system, thereby reducing the braking torque and restoring the driving wheels' maximum grip conditions.

WARNING: The maximum deceleration that can be obtained with the engine braking always depends on the tire grip on the roadbed. Snow or ice obviously reduce grip levels.

## ABS and EBD systems

The vehicle is equipped with ABS (Anti-lock Brake System) and EBD (Electronic Brakeforce Distribution) systems which, by means of the ABS system sensors and the ECU, are designed to improve the braking system's performance.
In the event of an emergency stop or braking on slippery surfaces (e.g. snowy or icy roadbeds), the ABS, together 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 is based on an electronic control unit that processes the signals coming from sensors fitted on the 4 wheels.
When a wheel tends to lock, the sensor warns the unit which, in turn, request to an electro-hydraulic unit to intervene by modulating the pressure exerted on the brake; the driver will perceive a "pulsation" on the brake pedal which is completely normal.
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 through the lighting up of the red warning light with the letters ABS (ABS) on the instrument panel.
In this case, we recommend you contact the nearest your local **Authorized Maserati Dealer** centre, which, thanks to the self-diagnostics system the vehicle is equipped with, should be able to quickly identify the problem immediately.

**The vehicles must be fitted with wheel rims, tires and brake pads of the type and make approved by the Manufacturer for the model concerned.**

**Despite the fact that this device makes a considerable contribution to safety, it is still essential to drive particularly carefully, especially when the road surface is wet, covered with snow or ice.**

**The vehicle is equipped with Electronic Brakeforce Distributor (EBD). The warning lights (ABS) "BRAKE" comes when the engine is running to indicate a fault in the EBD system; in this case, sharp braking could lead to early locking of the rear wheels, and consequent possible skidding of the vehicle. Drive with the utmost care and immediately go to the nearest your local Authorized Maserati Dealer to have the system checked.**

**The warning light (ABS) usually comes on when the engine is running to indicate a fault in the ABS system only. In this case, the braking system is designed to will be still efficient, but it will not make use of the anti-locking device. Under these conditions, the EBD system efficiency can also be reduced. Drive with the utmost care to avoid abrupt braking and consult the nearest your local Authorized Maserati Dealer immediately.**

**If the low brake fluid warning light BRAKE comes on, stop the vehicle and check the brake fluid level immediately. If the fluid level is below the minimum notch, top up with the recommended fluid and contact your local Authorized Maserati Dealer immediately to have the system checked. Brake fluid leaks impair the operation of the entire.**

**System performance in terms of active safety is not a reason for the driver to take unnecessary risks. The driving style must always be suited to weather conditions, range of visibility and road traffic conditions.**

**The maximum obtainable deceleration is always dependent on the grip between tire and road. With snowy or icy roadbeds, grip levels are obviously reduced and the braking distance is very high, even with the ABS system.**

## Tire pressure monitoring system (optional)

The vehicle is equipped with a system that monitors the tire pressure by means of special sensors that are secured inside the wheel rims, in position with the inflation valve. These sensors transmit a signal that is detected by the aerials fastened on the car body, behind the fenders, 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 tire pressure data and system errors, if any, to the on-board instrument panel.
The signal transmitted by the ECU activates some icons on the display.

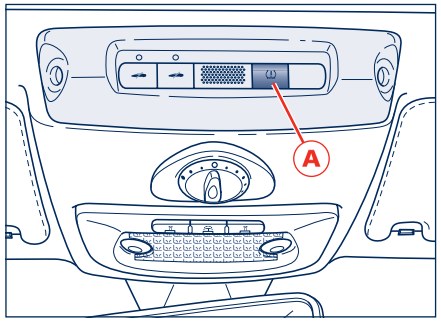
The system is equipped with a specific wiring that connects the aerials, the control unit and the calibration button to the vehicle's electrical system.

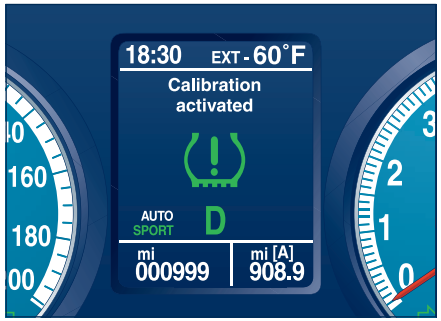
**The system warns the driver that there is a drop in tire pressure. This warning does not exempt the driver from periodically checking the tires and from complying with the prescribed tire pressure levels.**

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

### System calibration

After replacing or inflating one or more tires, the system must be calibrated once again.
To calibrate the system keep button **A**, located on the inside roof, pressed down for a time ranging between 4 and 10 seconds. The system takes a maximum of 20 minutes to complete the calibration procedure with the vehicle in motion.
A green symbol (!) will appear on the display together with the message "Calibration started".
If the user recalls the information page showing the pressure levels of each tire, dashes "–.–" will be viewed in the place of the values.



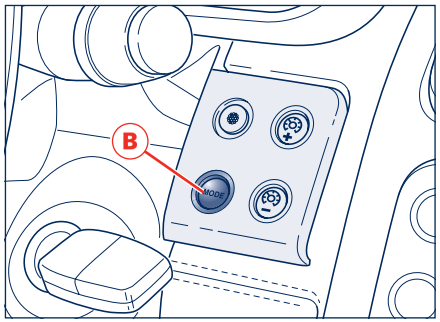




*Tire pressure monitoring system (optional)*

## Viewing messages on the display

By pressing the specific "Mode" button **B**, (see page 69), the user can access the information page showing the pressure values for each tire.
When indication by event occurs, the malfunction is viewed in the place of the information on tire pressure levels.

The malfunction is displayed for a time equal to its entire display cycle (20 seconds). When the display cycle ends, the tire pressure screen page becomes available again and the multi-function symbol indicating the malfunction is displayed in the specific area until the malfunction is rectified.



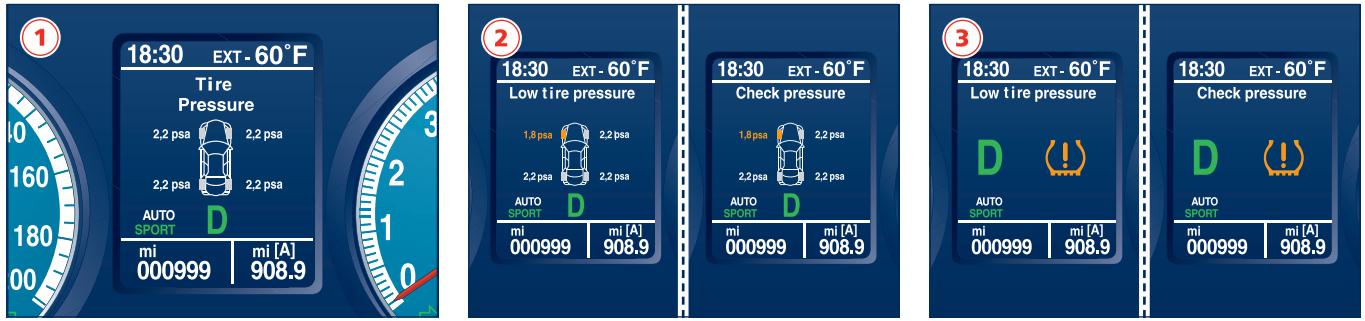
## Normal conditions

By pressing the specific button for quick information display ("Mode" button pressed briefly), the user can access the information page (screen page **1**), which displays the pressure levels for each tire.

## Low pressure

When the on-board instrument panel receives a message from the tire pressure ECU indicating that one or more tires have pressure levels below the control threshold, screen pages **2** will alternate for 20 seconds on the display. After this interval, the system will display only the amber color warning light (!) .
After 10 minutes, the warning cycle displays screen pages 2 for other 5 seconds. Upon the following key-on, if the malfunction persists, the display will alternate, once again, between screen pages **2.**

It may happen that the system does not know what wheel is originating the malfunction indication and therefore is not capable of specifying the wheel involved. In this case, screen pages **3** will alternate on the display for 20 seconds.
Subsequently, the amber color symbol (!) will be displayed in the area dedicated to the warning lights, until the correct situation is restored.




*Tire pressure monitoring system (optional)*

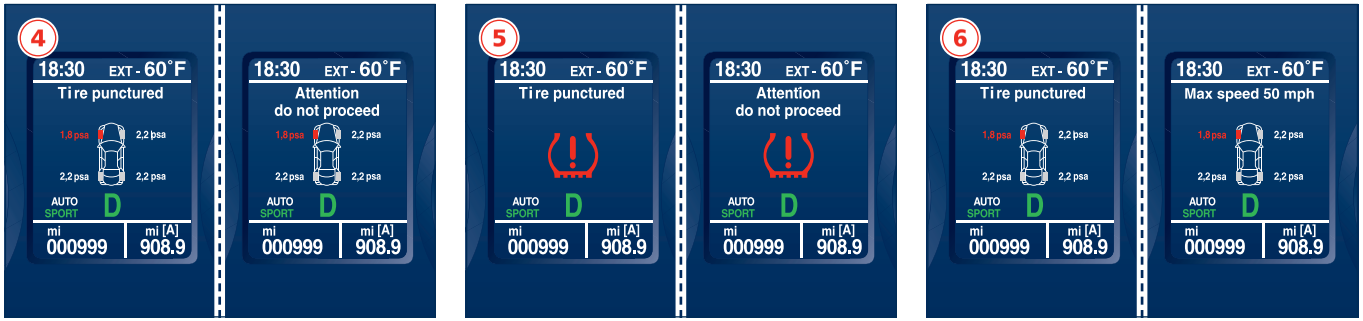
## Tire punctures

When the tire pressure ECU informs the on-board control panel that the pressure level of one or more tires is below the alarm threshold, screen pages **4** will alternate on the display. The malfunction is displayed following the same logic as for the other malfunctions with hw priority level, until the correct situation is restored and the system is calibrated again, as required by the system itself.

It may happen that the system does not know what wheel is originating the malfunction indication and therefore is not capable of specifying the wheel involved. In this case, screen pages **5** will alternate on the display. Subsequently, the red color symbol (!) will be displayed in the area dedicated to the warning lights, until the correct situation is restored.

## "Run Flat" tire puncture

If the vehicle is equipped with Run Flat type tires, in the event of a tire puncture screen pages **6** will alternate on the display for 20 seconds.
The system calculates the residual tire life in miles (or km) and repeats the display cycle a first time after 31 mi (50 km) and a second time after 62 mi (100 km) driving.

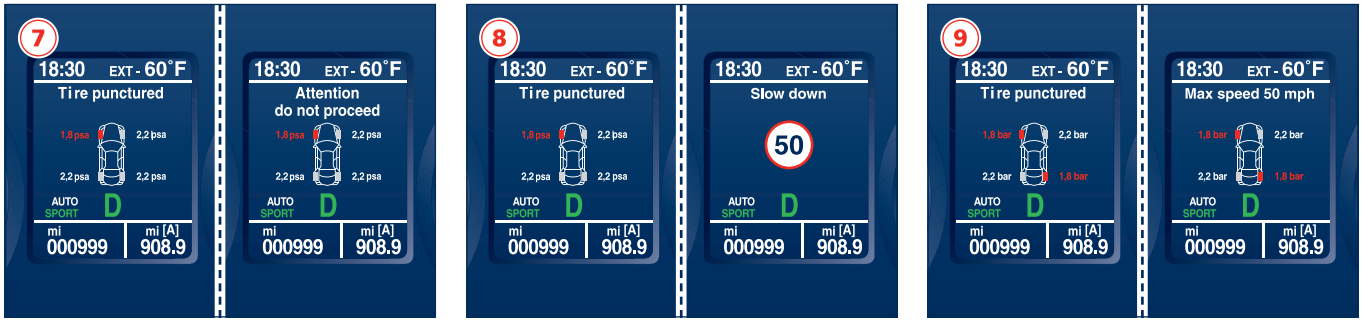



*Tire pressure monitoring system (optional)*

During the “tire punctured” condition, if more than 75 mi (120 km) are traveled or if the vehicle speed exceeds 50 mph (80 km/h), screen pages **7** or **8**, respectively, are displayed according to the above described logic.

If another tire is punctured, the system calculates (without displaying it) the updated value of the miles (km) that can still be driven, depending on the distance covered from the previous puncture, and displays screen pages **9** alternately.
If in the meantime the control panel is switched off, the next time the key is turned to ON, the screen page indicating that the system is not calibrated will be displayed.

If the driver presses the MODE button with "**Escape**" function, with a tire punctured and the vehicle **not** running at the max. speed - **provided the tires are still in the condition to continue driving** - the summary symbol will be displayed in the dedicated warning light area, until the correct condition is restored and after subsequent calibration requested by the system.




*Tire pressure monitoring system (optional)*

It may occur that the system does not know which wheel is signaling the fault and it is hence unable to display it: screen pages **10** will alternately appear on the display for 20 seconds. The system calculates the residual tire life and repeats the display cycle a first time after 31 mi (50 km) and a second time after 62 mi (100 km) driving. It also monitors that the max. miles (km) driven or the permitted speed is not exceeded in these conditions.

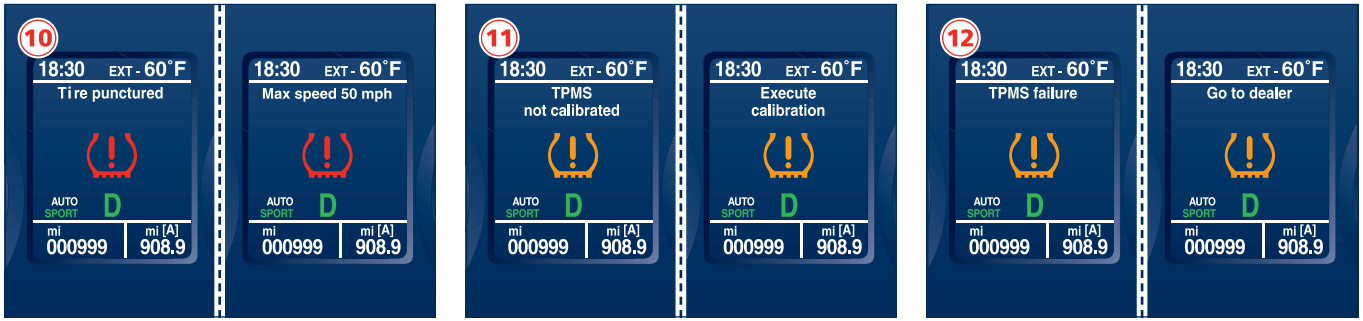
## System not calibrated

If the system has not been calibrated or following a tire replacement, screen pages **11** will alternate on the display. Subsequently, the screen page with the icon symbol will be displayed once again in the area dedicated to the warning lights.
The system can be calibrated by means of the specific button (see page 42).

## Tire pressure monitoring system failure

Screen pages **12** alternate in the following cases:
- malfunction in the circuit and/or wiring leading to the ECU;
- no signal reception by one or more sensors due to malfunction, breakage or flat battery;
- ECU malfunction.

The display sequence follows the usual logic of malfunctions. Therefore, after 10 seconds, the symbol will appear in the dedicated area.




*Tire pressure monitoring system (optional)*

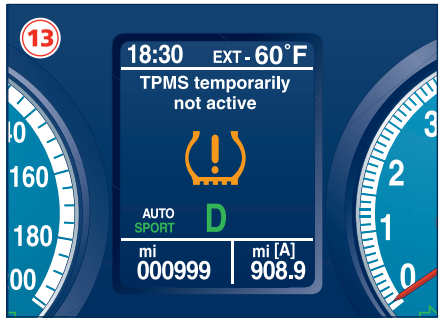
### System temporarily not active

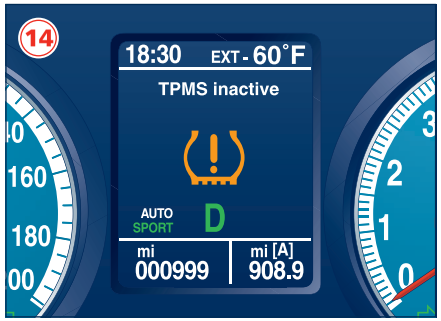
When one of the following conditions arises:
- excessively high temperature;
- during the first calibration procedure;

screen page **13** will appear.

### System not active

After Key-on, in the case that the system has been deactivated by means of the diagnosis tester, screen page **14** will appear for several seconds.




*Tire pressure monitoring system (optional)*

# Parking sensors (optional)

During parking maneuvers, the parking sensors are designed to provide the driver with information on the distance between obstacles found in front or behind the vehicle.
The driver is informed of the presence and of the distance of any obstacle by means of acoustic signals (beeps).
By supplementing his/her direct visual information with that provided by the system's acoustic signals, the driver can avoid potential collisions.

**The driver is fully responsible for parking and other potentially dangerous manoeuvres. The system has actually been designed only as a supplementary aid during parking manoeuvers, since it helps the driver to detect obstacles outside his/her field of vision.**

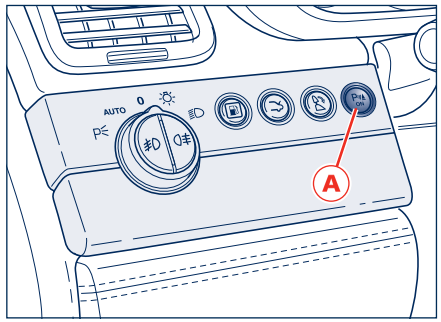
The front and rear sensors for the parking system are housed in the bumper. The rear sensors are activated automatically with the key turned to **MAR,** when the reverse gear is engaged, whilst the front sensors can be activated by pressing button **A** on the dashboard, on the left of the steering wheel. When the front sensors are active, the button LED turns on. To cut out the sensors, press button **A** once again.
By disengaging the reverse gear, the rear sensors will deactivate, while the front sensors will remain active until a speed of approx. 9.5 mph (15 km/h) is exceeded.
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. When the obstacle is located at a distance of less than 12 in (30 cm), the beep is continuous. The signal stops immediately if the distance from 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 signal stops after approximately 3 seconds, to prevent for example continuous beeps in the event of maneuvers alongside walls.

## Sensors

To measure the distance from the obstacles, the system uses 4 sensors fitted in the front bumper and 4 sensors fitted in the rear one.

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

WARNING: Should you need to repaint the bumper or in case of paint touch-ups in the sensors' area, please contact exclusively your local **Authorized Maserati Dealer**. Incorrect painting/ touch-ups could jeopardize the parking sensors' operation.



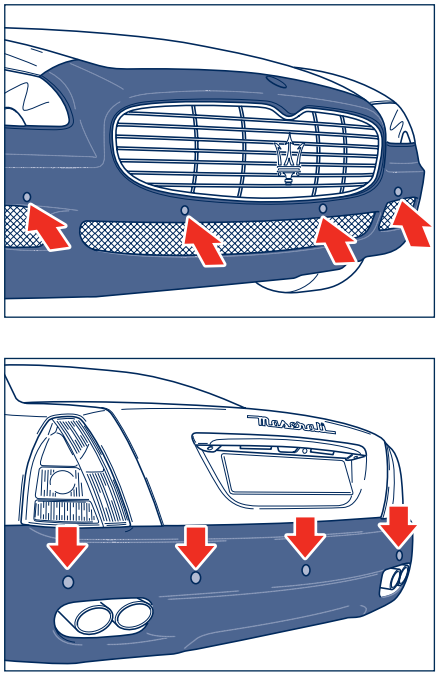

*Parking sensors (optional)*

WARNING: 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. In car-washes which use steam jet or high pressure cleaning machines, keep the nozzle at least 4 in. (10 cm) away from the sensors.

## Sensor range

The sensors allow the system to monitor the front and rear of the vehicle.
In fact, their position covers the central and lateral zones at the front and at the rear of the vehicle.

If the obstacle is located in the central area, this is detected at distances of less than 35 in. (0.9 m) (front) and 59 in. (1.50 m) (rear). If the obstacle is located in a lateral position, it will be detected at distances of less than 24 in (0.6 m).



*Parking sensors (optional)*

## Failure indicators

The ECU checks all of the system components every time the ignition key is turned to **MAR**. The sensors and the respective electric connections are then constantly monitored throughout the the system operation.
The failure of the parking system sensors is indicated by the symbol P that switches on on the multi-function display accompanied by the message "Parking Sensors Failure".
In the event of a failure signal, stop the vehicle and turn the ignition key to the Stop position. Try to clean the sensors and make sure that you are not near ultrasound emitting sources (e.g. truck pneumatic brakes or pneumatic hammers). If the cause that originated the malfunction has been removed by turning the key back to **MAR** the system will start working fully efficiently once again and the failure symbol on the multi-function display with the relative message will turn off. If, instead, the warning light remains lit, contact your local **Authorized Maserati Dealer** to have the system checked, even if it is still working.

As a matter of fact, if the failure detected by the ECU does not jeopardize its operation, the system will continue working but the malfunction will be stored so as to be checked by your local **Authorized Maserati Dealer** upon a subsequent inspection.

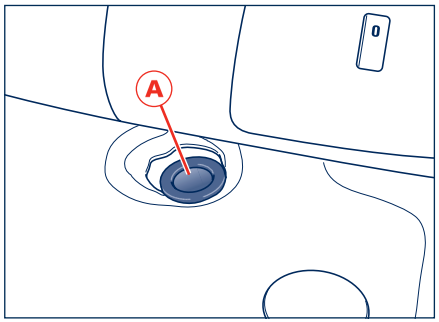
WARNING: During parking manoeuvres, always take the utmost care over obstacles that could be located above or underneath the sensors. In fact, in certain circumstances, objects located near the rear of the vehicle are not detected by the system and therefore could damage the vehicle or be damaged themselves.

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

**The driver is fully responsible for parking and other potentially dangerous maneuvers. During these maneuvers, always make sure there are no people (especially children) or animals in the maneuvering area. The parking sensors must be considered an aid for the driver who, in any case, must never take less care during potentially dangerous manoeuvres, even if they are carried out at low speeds.**

## Fuel cut-out inertia switch

The vehicle is equipped with a safety switch which is designed to intervene in the event of a collision, cutting off the fuel supply and consequently causing the engine to stop. It also prevents fuel leakage if the fuel lines are damaged during the accident.
The intervention of the safety switch is indicated by the warning light coming up on the instrument panel.
The switch is positioned underneath the front left-hand seat.




*Fuel cut-out inertia switch*

**After impact, if you smell fuel or note any leakage from the fuel supply system, do not reactivate the switch to help prevent any risk of fire.**

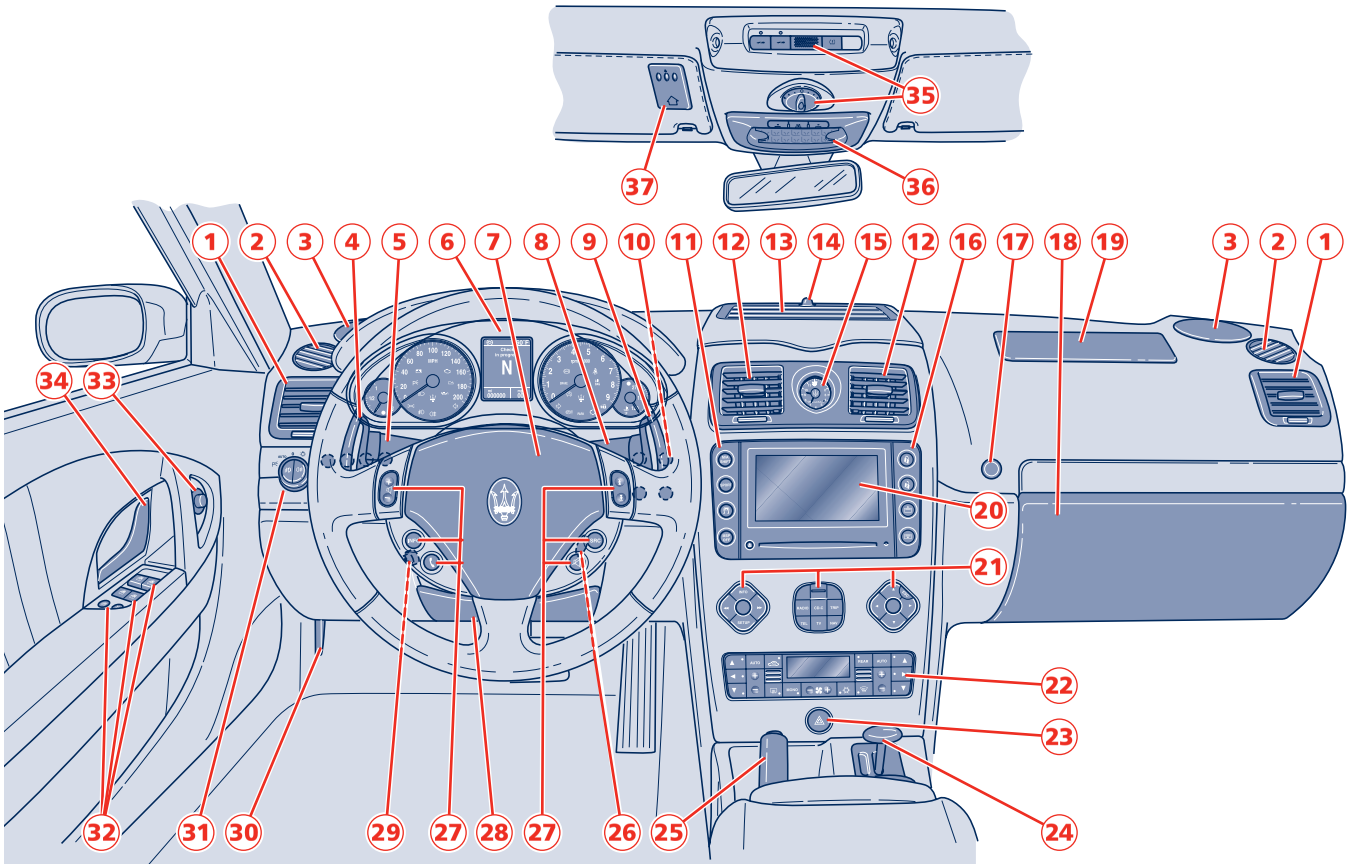
The activation of the inertia switch results in all the doors and the luggage compartment unlocking and in the internal dome lamp and the four direction indicators switching on.

### Resetting the switch

Turn the ignition key to the **STOP** position.
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 the **MAR** position, wait a few seconds and then move it to the **ACC**. position.
Check that the warning light on the instrument panel is switched off.
Check once again that there are no fuel leaks.

# Instruments and controls

# Dashboard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**1)** Air conditioning and heating system vents

**2)** Side windows vents

**3)** Speaker

**4)** **DOWN**-gearshift lever

**5)** Cruise Control, Direction indicators control lever

**6)** Instrument panel

**7)** Driver's airbag and horn

**8)** Windshield/headlight wiper/washer control lever

**9)** **UP**-gearshift lever

**10)** Controls to the right of the steering wheel

**11)** Side buttons, to the left of the Multi Media System Display

**12)** Central air-conditioning and heating system vents

**13)** Upper air conditioning and heating system vent

**14)** Sun radiation sensor

**15)** Clock

**16)** Side buttons, to the right of the Multi Media System Display

**17)** Glove compartment opening button

**18)** Glove compartment

**19)** Passenger's airbag

**20)** Multi Media System Display

**21)** Multi Media System Controls

**22)** Air conditioning and heating system controls

**23)** Hazard button

**24)** Joystick for shifting to 1$^{st}$ and reverse gears

**25)** Handbrake lever

**26)** Ignition/steering lock switch

**27)** Multi Media System Controls repeated on the steering wheel

**28)** CD-changer compartment

**29)** Steering wheel height and depth adjustment control

**30)** Engine compartment lid opening lever

**31)** Controls to the left of the steering wheel

**32)** Controls on driver's door

**33)** External rear-view mirror controls

**34)** Internal door opening handle

**35)** Roof controls

**36)** Front dome lamp

**37)** Home link

*Ref.10 Controls to the right of the steering wheel*

**A -** Audio Pilot Sensor (see page 136)

**B -** Instrument panel brightness increase

**C -** Instrument panel brightness decrease

**D -** Trip and odometer reset control.

*Ref. 11 and 16 Side buttons on the Multi Media System display*

**A -** gearbox deactivation button

**B -** SPORT mode button

**C -** Low grip function button

**D -** MSP System deactivation button

**E -** Door lock/unlock button

**F -** Sunshade raising/lowering button.

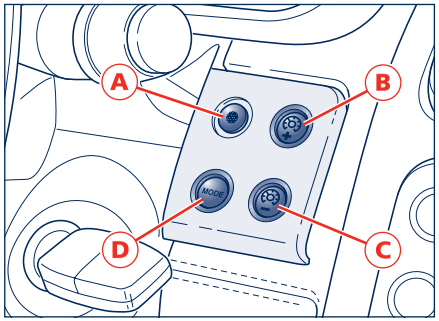
*Ref. 27 Multi Media System Controls repeated on the steering wheel*

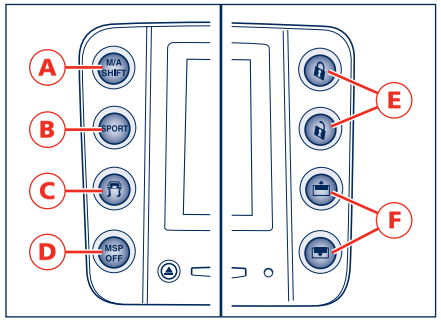
**A -** Increases the sound volume.

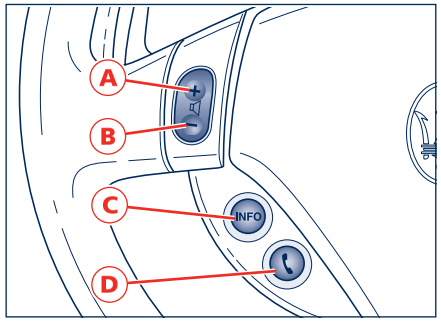
**B -** Decreases the sound volume.

**C -** Activates the guiding voice during the trip navigation, and shows the information pertaining to the navigation session.

**D -** Calling the telephone number set; accepting an incoming telephone call; ending a telephone call in progress by keeping the "refuse incoming call" button pressed down.




*Dashboard*

**E -** Radio mode: search for the first tunable station with a higher frequency; CD mode: next track selection.

**F -** Radio mode: search for the first tunable station with a lower frequency; CD mode: previous track selection.

**G -** Operating mode selection: FM, FM TS, AM, AM TS, CD-C.

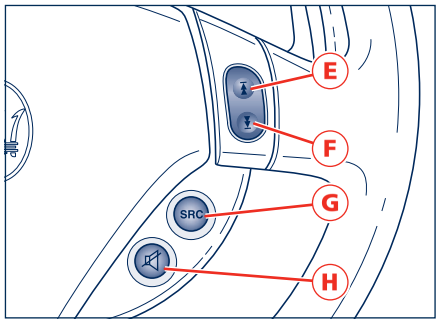
**H -** Mute function on/off.

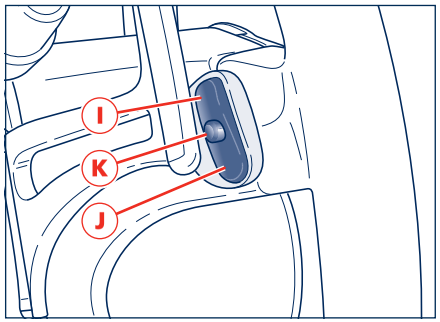
**I -** Radio mode: recalling of stored stations in increasing order; CD mode: next CD selection; Telephone mode: selection of menu functions up.

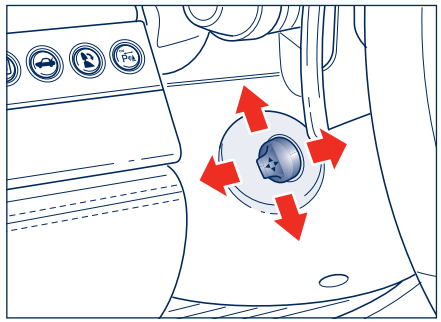
**J -** Radio mode: recalling of stored stations in decreasing order; CD mode: last CD selection; Telephone mode: selection of menu functions down.

**K -** Displaying the navigation maps

*Ref. 29 Steering wheel height and depth adjustment control*



*Dashboard*

*Ref. 32 Controls to the left of the steering wheel*

**A -** Light switch

**B -** Fuel tank flap opening button

**C -** Luggage compartment lid opening button

**D -** Rear central headrest tilting button

**E -** Front parking sensors activation.

*Ref. 33 Controls on driver's door*

**A -** Rear power windows lock/unlock button

**B -** EASY ENTRY activation/ deactivation

**C -** Rear left-hand power window control

**D -** Rear right-hand power window control

**E -** Front left-hand power window control

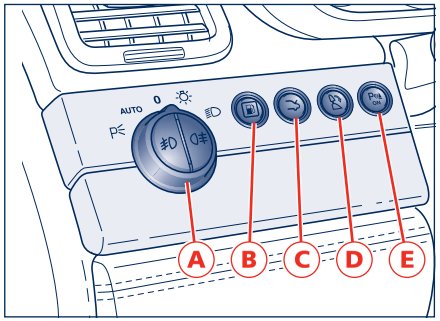
**F -** Front right-hand power window control

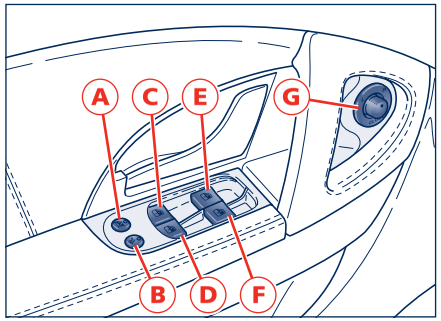
**G -** External rear-view mirror adjustment control.

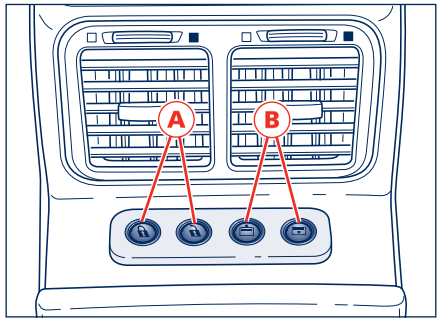
*Rear tunnel controls*

**A -** Door lock/unlock buttons

**B -** Sunshade raising/lowering buttons




*Dashboard*

*Rear vents*

**A -** Central vents on tunnel

**B -** Side vents on pillars

*Ref. 36 Roof controls*

**A -** Alarm system motion sensors cut-out

**B -** Alarm system anti-lift feature cut-out

**C -** Telephone handsfree microphone

**D -** Tire pressure calibration control

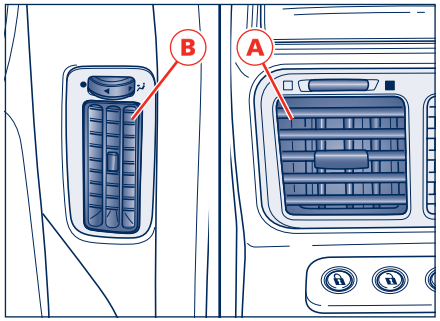
**E -** Sunroof opening/closing control

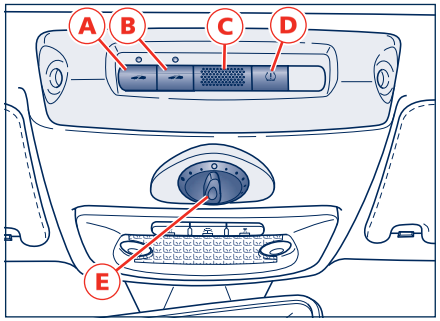
*Ref. 37 Controls on front dome lamp fixture*

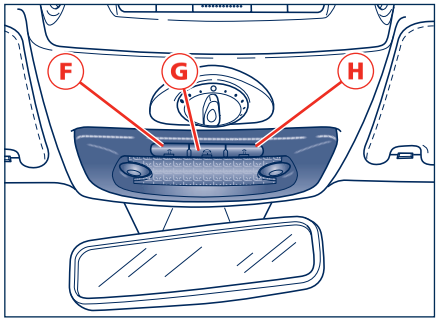
**F -** LH side light switch

**G -** Central light switch

**H -** RH side light switch.




*Dashboard*

## Instrument panel

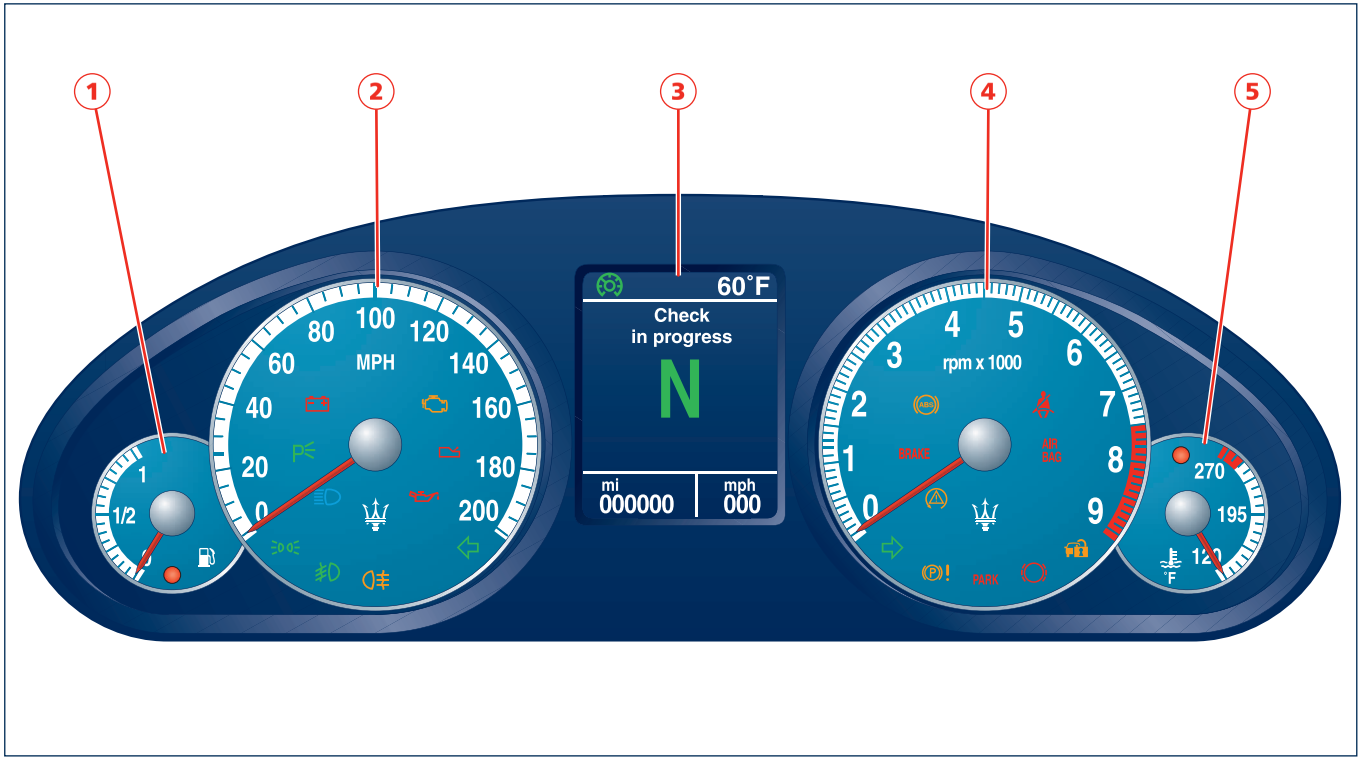
**1)** Fuel level gauge and low fuel warning light

**2)** Speedometer with total and trip odometer

**3)** Display

**4)** Tachometer

**5)** Coolant temperature gauge and high temperature warning light




*Instrument panel*

## 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 switches on when the position lights, low beams or parking lights are turned on.

### High beams

When the high beams are turned on or flashing.

### Parking lights

With the key removed, this indicates the parking lights are turned on.

### Alternator failure (*)

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

### Engine diagnosis system failure (OBDII)

Under normal conditions, this warning light should switch on when the ignition key is turned to the **MAR** position, and should turn off 18 seconds after engine starts. This will show that the warning light is working properly.
If the warning light remains on or switches on while driving, it indicates that there is a failure in the fuel supply/ignition and emission control systems. The failure could cause high exhaust emissions, loss of performance, poor vehicle handling and high consumption levels.
In these conditions you can drive slowly without demanding engine performance or high speeds.
Prolonged use of the vehicle when the warning light is on can cause damages. For this reason, you should contact your local **Authorized Maserati Dealer** as soon as possible. The warning light will go out if the problem disappears.
The error will be stored by the system in any case.

WARNING: When the ignition key is turned to the **MAR** position, if the warning light does not switch on or if it switches on while driving, contact your local **Authorized Maserati Dealer** as soon as possible.

### DuoSelect gearbox failure (*)

If the failure still permits it, free the road and contact your local **Authorized Maserati Dealer.**
Flashing warning light: low pressure in the system.

### Low oil pressure (*)

Under normal conditions, the warning light should switch on when the ignition key is turned to the **MAR** position and switch off as soon as the engine is started.
If the warning light remains on or turns on 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 your local **Authorized Maserati Dealer.**

## Low brake fluid warning light (*)

This switches on when the brake fluid level drops below the minimum level. The operation of the warning light can be checked by pressing the button on the brake fluid tank cap located in the engine compartment.

**If the warning light comes on while driving, check the brake fluid level immediately. If the fluid level is below the minimum level there could be a leakage in the circuit: in this case, contact your local Authorized Maserati Dealer before continuing your trip.**

## Defective wheel anti-lock system (ABS) (*)

This switches on when the ABS system is inefficient. The normal brake system remains operational, but it is advisable to contact your local **Authorized Maserati Dealer** as soon as possible.

## Seat belts (*)

This switches on when the driver's seat belt is not fastened or fastened improperly. A buzzer is also activated for approximately 8 seconds when the light is on.

## Airbag/pre-tensioner failure (*)

This turns on to indicate that the pre-tensioner and/or airbag system is/are inefficient.

**Turning the key to MAR, the light comes on but it should go out after a few seconds with the engine running.**

**If the warning light stays on or if it does not come on, or if it comes on while driving, stop immediately and consult your local Authorized Maserati Dealer.**

## Maserati CODE (*)

When the ignition key is turned to **MAR**, the warning light switches on in three different ways:

- One flash - key code acknowledged. The engine can be started.
- Permanently lit - key code not acknowledged. To start the engine, follow the emergency starting procedure as specified in the section "In an emergency", after having attempted to start it with other keys.
- Flashing light - vehicle not protected by the Maserati CODE system. The engine can, however, be started but contact **your local Authorized Maserati Dealer** as soon as possible since the vehicle is not protected against theft attempts.

### Brake pads worn (*)

This lights up when the front brake pads have reached the wear limit.
Contact your local **Authorized Maserati Dealer**.


### Handbrake engaged (*)

The warning light comes on when the handbrake is operated.

### Handbrake failure

This indicates that the handbrake system is inefficient.

### MSP system failure (*)

This indicates a malfunction or the deactivation of the MSP system.

### Right-hand direction indicators

This lights up when the right-hand direction indicators or the hazard lights are turned on.

### Left-hand direction indicators

This lights up 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 switches on when a collision triggers the inertia switch, thus cutting off the fuel supply.

**After impact, if fuel is smelt or leakage is noted from the fuel system, do not reactivate the switch in order to help prevent the risk of fire.**

### Windshield washer fluid

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

### Cruise Control

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

### Lights failure

This switches on in the case of a system failure or burning-out of the bulbs for the position, direction indicators or rear fog lights.

### License plate lights failure

This switches on in the case of a system failure or burning-out of the number plate lights bulb.

### Stop lights failure

This switches on in the case of a system failure or burning-out of the stop lights bulb.

### Twilight sensor failure

This switches on in the case of a failure of the twilight sensor.

### Too high catalytic converter temperature

This warning light starts flashing or comes on permanently when engine failure results in high exhaust system temperature.

**IF THE WARNING LIGHT IS FLASHING: the catalytic converters' temperature is too high. Slow down immediately until the warning light goes out.**

**IF THE WARNING LIGHT TURNS ON PERMANENTLY: the catalytic converter temperature is at a dangerous level and the catalytic converters themselves may be damaged. Slow down immediately until it turns off, and slowly drive to the nearest service centre.**

WARNING: If the light turns on permanently 3 times the engine will stop.
Will be possible to restart only by key-off - key-on and recarsi lentamente in officina.

**Maserati declines all responsibility for whatever damage deriving from non compliance with the above mentioned warnings.**

### Power steering failure

This indicates a fault in the power steering system.
Slowly drive to the nearest **Maserati Service Centre** paying attention to stiffening of the steering.

### DuoSelect gearbox oil level

The red icon indicates that the DuoSelect gearbox oil level is too low.
Stop driving and contact your local **Authorized Maserati Dealer** to have the vehicle checked over.

### Electronic Brakeforce Distributor (EBD) warning light

This lights up when the EBD system is inefficient. In this case, abrupt braking can cause early locking of the rear wheels and possible side skidding of the vehicle. Drive with the utmost care and consult your local **Authorized Maserati Dealer** immediately.

### Headlight aiming system failure

This indicates that the automatic system for aiming the headlights is faulty.

### ASR system failure

This indicates the deactivation or failure of the ASR system.
In the event of a failure, contact your local **Authorized Maserati Dealer**.

### ASR system activation

This indicates that the ASR system has tripped.

### Rain sensor failure

This indicates that the rain sensor is faulty.
Contact your local **Authorized Maserati Dealer.**

### Parking sensors failure

This indicates a failure in the parking sensors system.

### Shock absorber failure

When driving, it indicates a malfunction in the suspension system.
Slowly drive to the nearest **Maserati Service Centre** paying attention to stiffening of the steering.

### Finger-trap prevention system failure

This indicates a failure in the windows' finger-trap prevention system.

**Before and during activation of the power window, always check that the passengers are not exposed to the risk of injury both by the moving window and by personal objects dragged or hit by it.**

### Generic failure

This indicates a malfunction. The degree of the latter is specified in the relative text.

### MSP system failure

This indicates the deactivation or failure of the MSP system.

### MSP system activation

This indicates that the MSP system has tripped.

### Tire pressure

This warning light is connected to the tire pressure monitoring system (see page 42).

**When the icon is red, stop the vehicle and contact your local Maserati Dealer. If Run Flat tires are fitted on the vehicle, drive slowly to the nearest Maserati Service Centre.**

### Doors and lids open

This indicates that the doors or lids are open or improperly closed: the part not closed is highlighted in red.

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

### Ice hazard

This switches on when the outside temperature is 37,4° F (3° C) or lower, in order to indicate the risk of icy roadbed. Under such conditions, drive carefully and slow down as the grip of the tires will prove to be markedly reduced.

**Do not activate the "SPORT" mode in this situation.**

### Vehicle “SPORT” setting


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

WARNING: The "SPORT" mode changes the vehicle driving features.

### Automatic gearbox setting


This indicates that the automatic gearbox feature is active.

### "Low grip" function


This indicates that the low grip function is active

### Seat heating

This indicates that one or more seats are being heated.

### Scheduled maintenance

Depending on the accompanying message, this indicates that service schedule deadlines are either approaching or due on that day.
Upon reaching a deadline, contact your local **Authorized Maserati Dealer**.

# Instruments and gauges

## 1 – Fuel level gauge

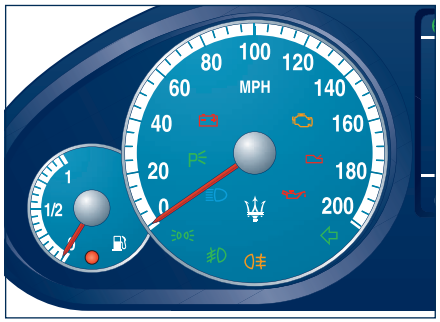
The lighting up of the warning light inside the gauge indicates that there are approx. 3.7 Us. gal (14 litres) of fuel in the tank.

## 2 – Tachometer

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

## 4 – Tachometer

It indicates the engine's r.p.m. Correct driving allows the driver to achieve proper engine performance, without the need of over-revving.



*Instruments and gauges*

## 5 - Coolant temperature gauge

It indicates the temperature of the coolant. If the needle indicates high temperatures and at the same time the warning light switches on, stop the vehicle immediately and have the cooling system checked by your local **Authorized Maserati Dealer**.

## 3 – Display

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

– it provides general information while driving;

– it signals of any failures and warnings;

The user can interact with the system by setting the parameters for the information that can be recalled. The screen page appearing on the display following the initial check cycle, in normal working conditions, contains the following information:

**A -** Date

**B -** Time

**C -** Gear engaged

**D -** Driving mode

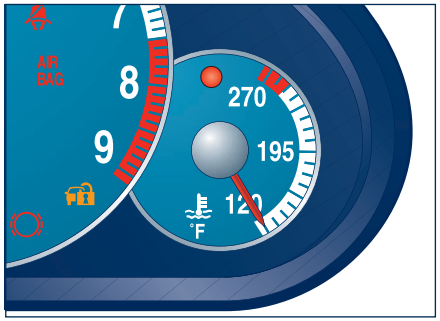
**E -** Total odometer,

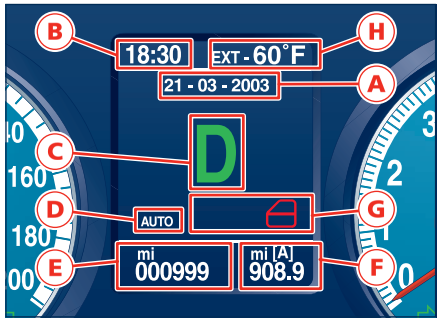
**F -** Trip odometer A, B or vehicle speed repetition.

**G -** Other symbols that may be displayed in icon form

**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.




*Instruments and gauges*

## Controls

*MODE*

The screen page activation and setting is controlled by pressing the MODE (**J**), "+" (**K**) and "-" (**L**) buttons.

Pressing the MODE button briefly will switch to the following screens in sequence:

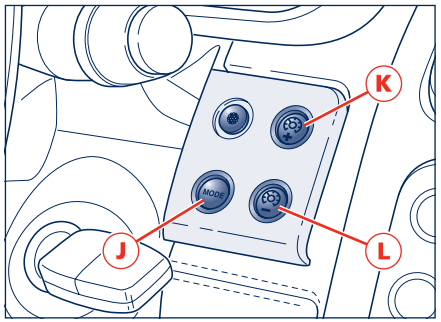
– Trip A

– Trip B

– Tire pressure

– Option Selection.

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




Pressing the MODE button for more than 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 restored.

*"+ " 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. In fact, by selecting , Odo A or Odo B, with the MODE (**J**) button and then pressing buttons "+ " and "-", the user will display the trip information selected (flashing) alternately.

*Trip Odometer reset*

In all these cases, and before the 10 seconds are up, pressing the MODE (**J**) button briefly (less than 2 seconds) will result in the trip information relating to the flashing Odometer (A or B) being reset.

*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 (**J**) button. Each TRIP screen page (A or B) is timed, i.e., it is displayed for a maximum of 10 seconds, after which the screen previously active is restored.
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)

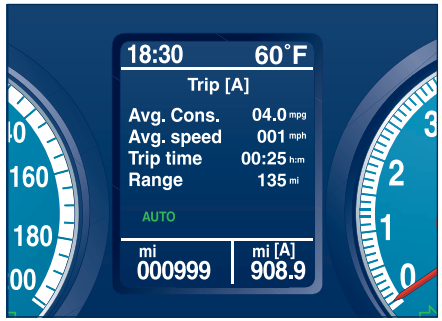
The unit of measurement can be set via the set up menu of the Multi Media System.

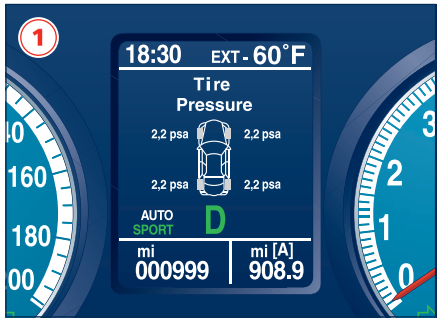
## Tire pressure screen page

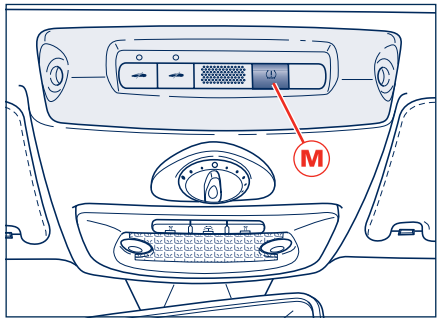
If the vehicle is equipped with the tire pressure monitoring system (optional), pressing the MODE (**J**) button the user will display information about the "Tire Pressure".
This screen page is displayed for 10 seconds and, in normal conditions, it will appear as shown in figure **1**

– furthermore, the system acknowledges the following conditions:
– system temporarily not active (es. external radio interference)
– system not calibrated (e.g., a tire was replaced)
– system failure
– system not active (if it is disabled by the diagnostics system)
– low pressure or puncture in front LH, front RH tires or rear LH and rear RH tires
– low pressure or puncture in unidentified tire.

The system can be calibrated by pressing button **M**, on the front dome light fixture. The initialisation of the procedure is indicated on the display by the message “Calibration started”. For more information, please see the “Tire pressure monitoring system” chapter on page 42.



## Multi Media System set-up menu

By accessing the on-board Computer mode (TRIP) the user can set the vehicle configuration.
The settable parameters are the following:

– Twilight Sensor's sensing range: 3 setting levels;
– Clock: time setting;
– Time mode: choose between the 0-12 hour or 0-24 hour format;
– Date: day/month/year or month/day/year format;
– Language: Italian, German, English (metric or imperial), Spanish, French, Dutch, U.S. English (metric or not metric).
– Warning buzzer volume: Buzzer volume setting;
– Unit of measurement: choose between the following units of measurement:
• temperature: °C, °F;
• distance: km, miles;
• consumption: litres/100km, km/litre, mpgUK; mpgUS;
• tire pressure: bar - psi
– Repetition of instrument panel information on the display: repetition enabled/disabled;
– Door unlock: sets the following functions:
• door and luggage compartment locking upon exceeding 12.5 mph (20 km/h);
• only front driver's door unlocked or all doors unlocked;
• luggage compartment lid unlocked together with the doors.
– Easy Entry/Exit: feature enabled.

For more information, please see the "Multi Media System" manual.

# Controls

### *Horn*

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

### *Hazard warning lights*

Press button **B** to turn on the hazard warning lights. Their operation is independent of the ignition key position. 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.

## Controls to the left of the steering wheel

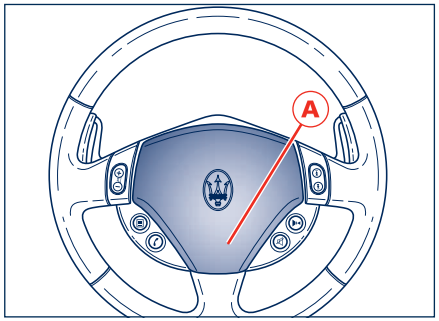
### *Front fog lights*

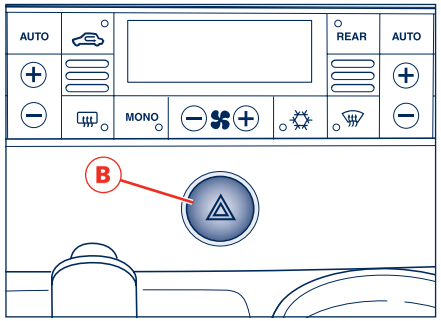
Press button **C** to switch on the front fog lights. They only work with the position lights or low beams on. The LED on the button switches on when the lights are on.

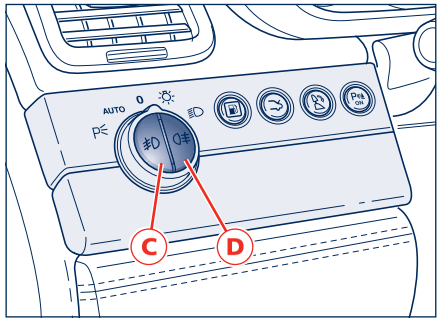
### *Rear fog lights*

Press button **D** to switch on the rear fog lights. They only work with the front fog lights or low beams on. The LED on the pushbutton switches on when the lights are on.

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




*Controls*

### *Opening the luggage compartment*

Press button **E** to open the luggage compartment lid.
This can be operated only with the ignition key removed or turned to **STOP** and **ACC**.
Vehicles are also equipped with a lever inside the luggage compartment, which permits opening from the inside.

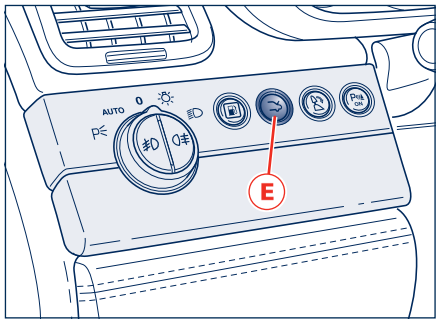
### *Opening the fuel tank flap*

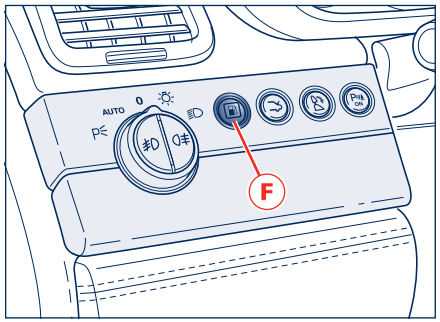
Press button **F** to open the fuel tank flap on the rear right-hand side of the vehicle.
This button can be operated only when the ignition key is removed or in the **STOP** position.

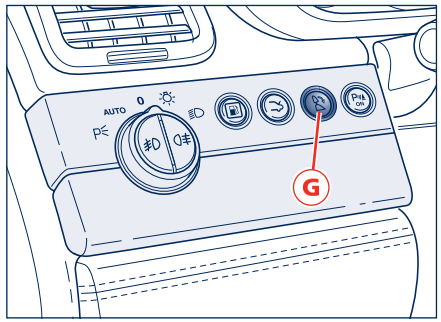
### *Rear central headrest tilting*

Press button **G** to tilt the rear central headrest. The headrest can be then repositioned manually.

**Before tilting the headrest, always check that the passengers are not exposed to the risk of injury both by the moving headrest and by personal objects hit by it.**



### *Deactivation the front parking sensors*

The front parking sensors can be deactivated by pressing button **H**. When these sensors are cut-out, the LED on the button turns on. To reactivate the sensors, press button **H** again.

## Controls to the right of the steering wheel

Instrument panel display controls (see page 69).

### *Setting the instruments and gauges' brightness*

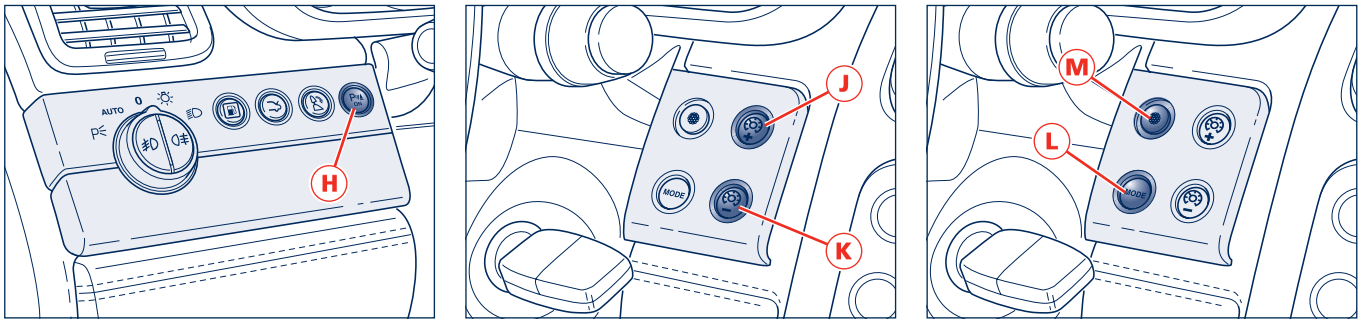
With the external lights turned on, press button **J** or **K** to increase or decrease the brightness for the instruments and gauges.

### *Mode*

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

### *Audio Pilot Sensor*

The sensor **M** detects the surrounding noise and consequently adjusts the stereo equalizer (see page 136).




*Controls*

## Side buttons on the Multi Media System display

### *Lock set release and locking*

Buttons **N** and **O**, on the front and rear dashboards, control the locking and unlocking of the lock sets respectively.

### *Sunshade movement*

Press button **P** to raise the sunshade and button **Q** to lower it.
The buttons are found both on the front and on the rear dashboard.

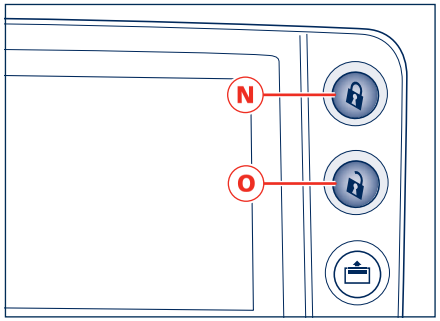
WARNING: If the sunshade guide needs to be cleaned with solvents, it must then be greased in the area where the sunshade slides using Teflon based grease.

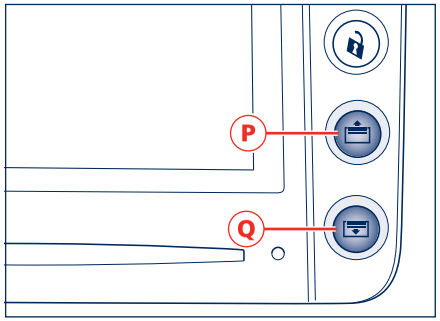
WARNING: If, within a time period of 25 seconds, the sunshades are raised and lowered at least 4 times, the relative control will disable them for 30 seconds. Before disabling the sunshade, the system will complete the movement in progress. The last movement accepted will be opposite to the starting movement.

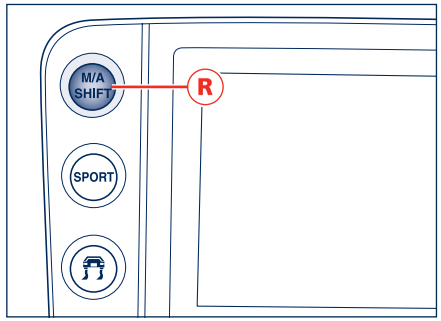
WARNING: Before activating the sunshade, make sure that there are no objects that may interfere with its travel.

### *DuoSelect Control*

This is activated pressing switch **R**, pressing the switch again will deactivate it. The word AUTO will light up on the display (see chapter "DuoSelect" on page 142).



### *Low grip*

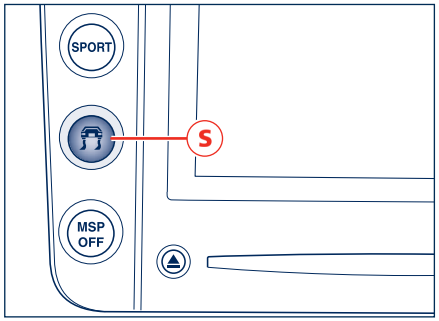
This mode can be used on particularly slippery roadbeds (snow, ice) and it is activated/deactivated by pressing switch **S**.
When the function is active, the word ICE lights up on the display (see chapter “Other system functions” on page 147).

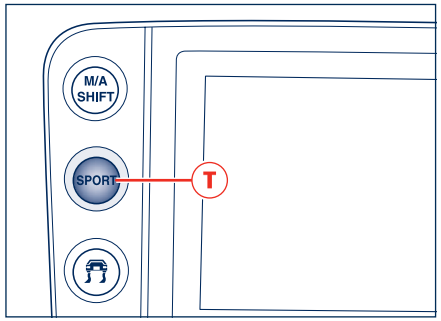
### *SPORT setting*

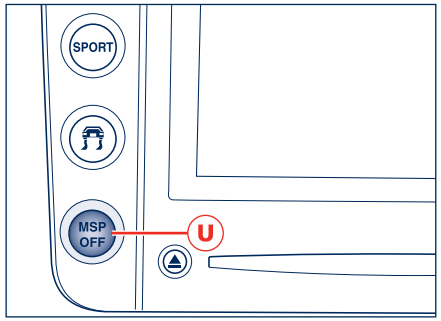
Button **T** selects the SPORT mode, which sets suspensions, traction control and the "DuoSelect" gearbox feature for a racing style driving.
Please notice that selecting the SPORT mode will decrease driving comfort markedly. Especially in city traffic and on uneven road surfaces.

### *MSP System*

The **MSP** system is designed to activate automatically every time the engine is started.
It is possible to disconnect or reconnect the system while driving by pressing button **U**. To avoid deactivating the system inadvertently, the button must be pressed for about 2 seconds to turn the MSP system off.
When the system is deactivated, the amber warning light on the instrument panel lights up (see chapter “MSP System” on page 38).




*Controls*

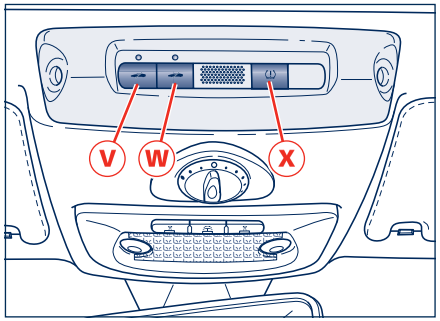
## Roof controls

### *Deactivating the alarm system motion sensors*

Pressing button **V** will deactivate the alarm motion sensing system. When this function is deactivated, the LED on the button will flash for 3 seconds and then will turn off.

### *Deactivating the anti-lift alarm system*

Pressing button **W** will deactivate the anti-lift alarm system. When this function is deactivated, the led on the button will flash for 3 seconds and then turn off.




### *Tire calibration button*

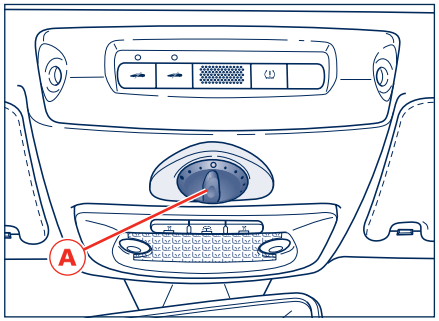
To calibrate the system, with the ignition key in position **MAR**, press button **X** for a time ranging from 4 to 10 seconds.
The system will take a maximum of 20 minutes to complete the calibration procedure with the vehicle in motion.
The detected situation will then be shown on the display.
For further information, see the “Tire pressure monitoring system” on page 42.

# Internal outfits

## Sunroof (optional)

The sunroof is electrically controlled and can only be operated with the ignition key in the **MAR** position. It can slide lengthways and be raised at the rear (tilting).
The sunroof is equipped with a finger-trap prevention system designed to controls lengthways sliding when the roof is being closed or tilted. If an obstacle interferes with the roof travel during the closing stage, the sunroof stops and reverses its travel a short way back.

WARNING: In the event of rain, always close the sunroof to prevent the water from staining the fabric/leather upholstery.




*Internal outfits*

**Improper use of the sunroof can however be dangerous, even if the finger-trap prevention system is fitted. Before and during the sunroof operation, always make sure that passengers are not exposed to the risk of injuries caused both by the moving roof and by personal objects dragged or hit by the sunroof itself. When you exit the vehicle, always remove the ignition key to avoid that the sunroof if operated inadvertently, becomes a danger for passengers remaining onboard.**

WARNING: Do not open the sunroof if there is ice on it: risk of damage.

***Opening and closing***

The selector switch **A** controls all the roof's movements.
There are 6 positions to open the sliding roof lengthways and 3 three positions for the tilted opening.
When the selector switch position has been chosen, the sunroof moves until it stops automatically in the position chosen.
Upon opening the sunroof a front flap rises automatically in order to deviate the air flow.

WARNING: If the guide needs to be cleaned with solvents, the mechanisms, Bowden cables and sliding parts, such as the water channel slide, must be then greased.

### *System initialization*

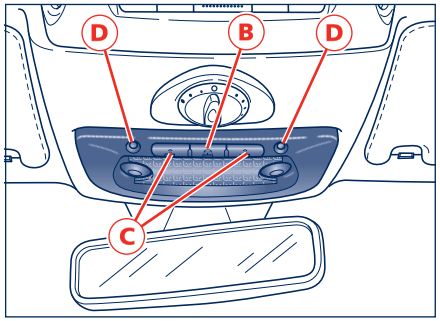
Following the battery disconnection or the replacement of a specific fuse, the finger-trap prevention system must be initialized proceeding as follows:

– rotate selector switch **A** anti-clockwise until reaching the limit position, that is the maximum tilt position.
– keep the selector switch pressed down after the sunroof has stopped.
– release the selector switch
– within 5 seconds, press and keep the selector switch pressed again
– the sunroof will start moving, running a complete opening and closing cycle and stopping in the closed position: always keep the selector switch pressed during this stage
– release the selector waiting at least 2 seconds after the roof has stopped.

The system will start working normally once again. If this is not the case, contact your local **Authorized Maserati Dealer.**
If the operation is interrupted before its completion, repeat the procedure from the beginning.
Periodically check that the water draining holes in the roof compartment are not clogged.

## Front dome light

The dome light includes a central light and two reading lights. The central light, which turns on automatically when one of the doors is opened and turns off following the door closing (timed switching off) may be switched on manually by pressing button **B**.
The reading lights are controlled by the respective buttons **C**.
If they are turned on pressing the button, both the central and reading lights will remain on for about 15 minutes after turning the engine off, and then will turn off.
When the exterior lights are switched on, the two night LEDs **D** light up.




Opening one or more doors, the front and rear dome lights will turn on for approx. 3 minutes. If the door is closed before this time has elapsed, the lights will switch off after about 10 seconds.
Upon removing the key from the switch and activating the centralized door lock with the remote control, the dome lamps turn on for about 10 seconds.
In the event of a collision causing the inertia switch to turn on, the dome lights switch on automatically for approx. 15 minutes.

## Rear dome light

The dome light includes a central light and two reading lights. The central light, which turns on automatically when one of the doors is opened and turns off following the door closing (timed switching off) may be switched on manually by pressing button **E**.
The reading lights are controlled by the respective buttons **F**.
If they are turned on pressing the button, the reading light will remain on for about 15 minutes after turning the engine off, and then will turn off.
When the exterior lights are switched on, the two night LEDs **G** light up.

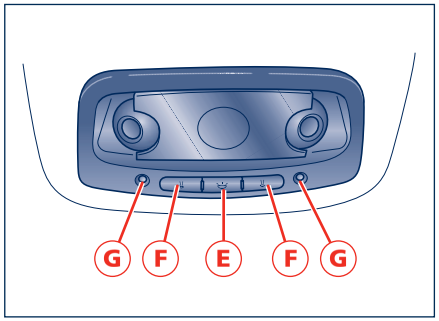
## Home link

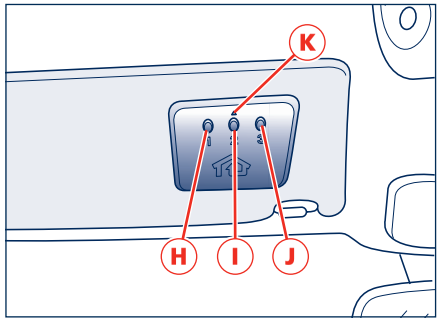
This system allows you to control automatic gate and garage door opening devices, as well as lighting or alarm systems from inside the vehicle.
Programmable directly on the transmitting station by means of the original remote controls for the devices to be controlled, it adapts to the existing systems.
The control and programming panel is composed of three keys: **H**, **I**, **J** and a LED **K**.

***Programming***

– Press and hold down the keys **H** and **J**;
– after about 20 seconds, the LED **K** starts flashing;
– release the keys;
– hold the remote control for the device to be controlled close to the Home Link control panel (12 in);
– simultaneously press and hold down the key of the hand-held remote control and one of the three Home Link keys **H**, **I** or **J**;
– successful programming is signaled by the LED **K** flashing faster
– release the keys.

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




*Internal outfits*

### *Use*

– When the signal of the device to be activated reaches its operating range, press the dedicated Home Link key.
– The LED **K** remains on while the signal is being transmitted.

The devices controlled via the Home Link function can, in any case, still be activated from the original remote controls.
Should the thus programmed Home Link not activate the system to be controlled, it may be that the latter is controlled by a remote control with an alternate code.
An alternate activation code can be recognized in the following ways:

– consulting the instruction manual provided with the device to be controlled;
– despite the Home Link programming procedure having been carried out correctly, the Home Link function does not activate the device;
– holding the dedicated Home Link key pressed down, the LED K briefly flashes fast and then stays on for 2 seconds; this sequence is repeated for about 20 seconds.

### *Programming for devices controlled by alternate code*

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

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

– Briefly press the Home Link key you have chosen to control the device (**H**, **I**, **J**).
– Press it a second time; when it is released the operation should be completed. For some types of motors, the key might have to be pressed a third time.

### *Reprogramming a single key*

If you want to program activation of a new system on an already used Home Link key, proceed as follows:

– press and hold down the Home Link key selected;
– after about 20 seconds, the LED **K** starts flashing; keep the key pressed down;
– hold the original remote control of the device to be controlled close to the Home Link control panel (12 in);
– press and hold down the original remote control key;
– successful programming is signaled by the LED **K** flashing faster;
– release both keys.

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

***Deleting the programmed keys***

Unlike programming which is done for each individual key, deletion is done for all three keys simultaneously.
To delete proceed as follows:

– press and hold down the keys **H** and **J**;
– after about 20 seconds, the LED **K** starts flashing;
– release the keys.

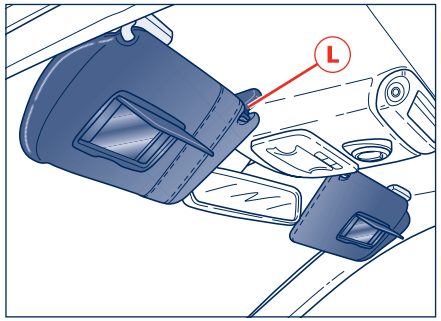
WARNING: It is advisable to carry out the Home Link deletion procedure when selling the vehicle.

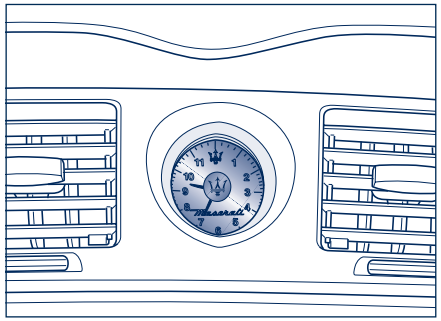
## Sun visors

They 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 **L**.
By lowering the visor on the passenger's side you can access the courtesy mirror with incorporated light; the latter switches on automatically (with the ignition key in the **MAR** position) raising the mirror protective cover. Before raising the visor, close the mirror cover.

## Clock

The clock is adjusted automatically by setting the time with the Multi Media System.
The clock lights up when the external lights are turned on.



## Rear window sunshade

The electrical sun shade works with the ignition key in the **MAR** position.
The switch buttons are located both on the front and on the rear dashboard.

WARNING: Before activating the sunshade, make sure that there are no objects that may interfere with its travel.

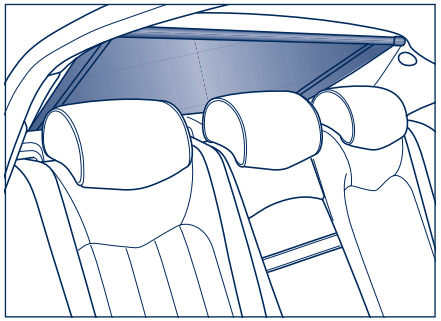
Press button **M** to raise the sunshade and button **N** to lower it.

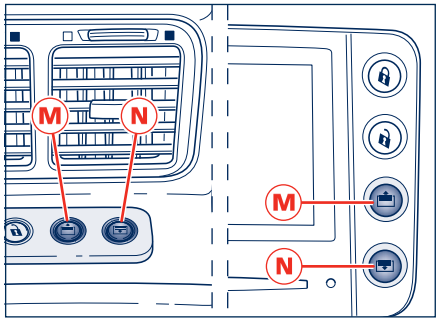
WARNING: If the sunshade guide needs to be cleaned with solvents, it must then be greased in the area where the sunshade slides using Teflon based grease.

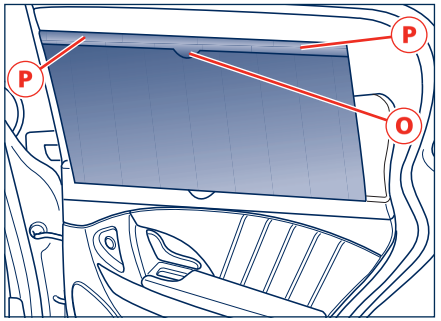
WARNING: If, within a time period of 25 seconds, the sunshades are raised and lowered at least 4 times, the relative control will disable them for 30 seconds. Before disabling the sunshade, the system will complete the movement in progress. The last movement accepted will be opposite to the starting movement.

## Rear door sunshades

Housed on the rear doors, they wind up automatically. To pull out the sunshade, pull on the grip **O** and latch it into the catches **P** located on the top edge of the door.






*Internal outfits*

## Front ashtray and cigarette lighter

They are found on the central console, hidden by a cover. Press the rear part to open the cover.
Pressing button **Q** operates the cigarette lighter. After about 20 seconds this returns automatically to the initial position and is ready for use.
Remove the tray in order to clean the ashtray.

WARNING: Always make sure that the cigarette lighter has been switched off.

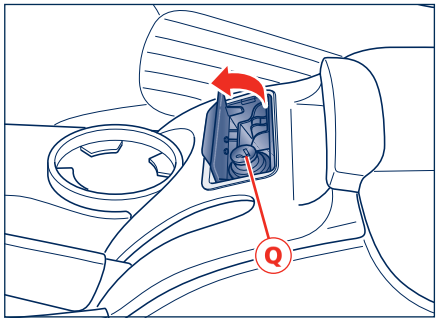
**The cigarette lighter reaches high temperatures. Handle it carefully and do not allow children to use it: risk of fire and burns!**

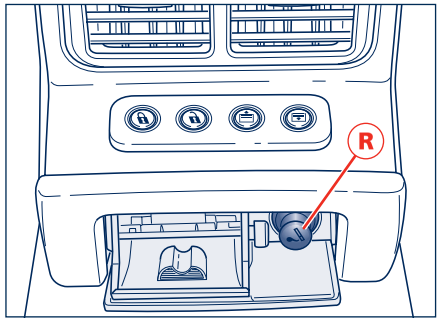
## Rear ashtray

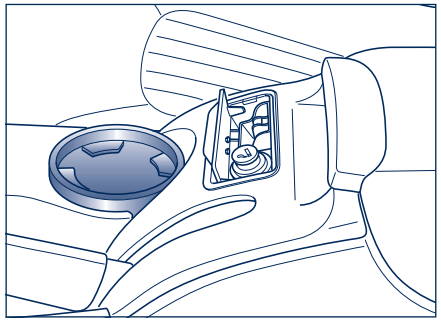
It is located on the rear central console, hidden by a cover. To open the cover, hold and pull it from the protruding part.
Pressing button **R** fully down operates the cigarette lighter. After about 20 seconds this returns automatically to the initial position and is ready for use.
Remove the tray in order to clean the ashtray.

## Glass compartment

This is positioned on the tunnel, near the handbrake lever, and it can contain either a glass or a can.



*Internal outfits*

## Glove compartment

Positioned in the lower part of the dashboard, on the passenger side, it can be opened pressing button **S**. The latter only works with the ignition key turned to **MAR** and for about 10 minutes after having extracted the key or rotated it to the STOP position. The compartment is lit by a courtesy light when it is open.

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

If the button controlled opening is faulty, the compartment can be opened by pulling the emergency cable behind the compartment itself.

WARNING: It is unadvisable to place particularly heavy objects in the glove compartment.

## Beverage cooler

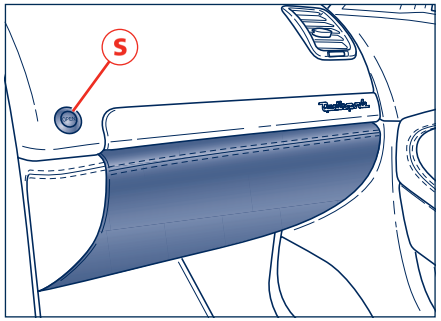
The front armrest houses a lit beverage holder into which air is conveyed directly from the air conditioning system.
To access the compartment, pull the armrest holding it from the handgrip.
To activate the air-conditioning/ventilation inside the compartment, move control **T** upwards. To stop it, lower back the control.

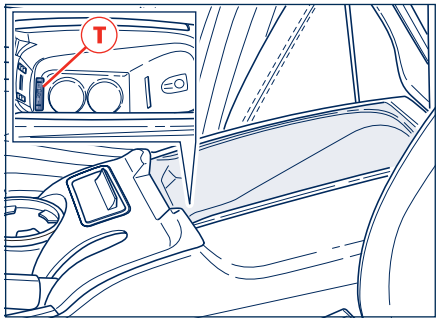
WARNING: The temperature of the air inside the beverage cooler is the same that as that coming out from the air conditioning/heating vents, it therefore depends on the temperature set via the relative control panel.

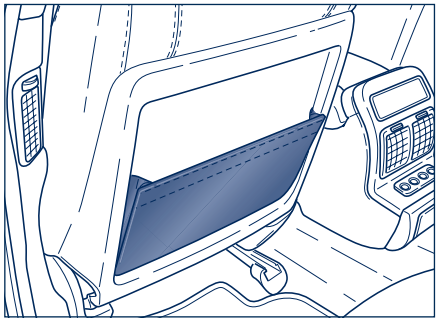
## Map pockets

The front seats are fitted with map pockets located on the rear of the seatbacks.

WARNING: Do not put heavy or sharp objects in the map pockets.



*Internal outfits*

## Handholds

Usually laying in a horizontal position, the handhold **U** can rotate until reaching a vertical position. A return spring automatically repositions the handhold in the horizontal position. The rear handholds also include a clothing hook, **V**.

**Turn the hooks to the clothes position when not used.**

## Tables (optional)

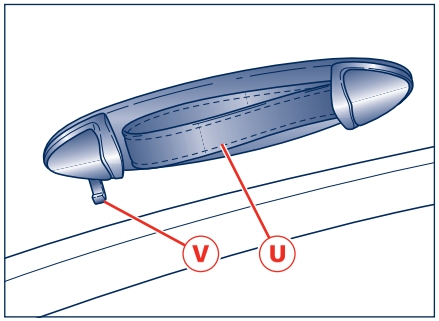
They are installed on the back of the front seats.
Opening: lift the table **W** until the supporting mechanism clicks in place.
Closing: press the support bracket **X** to release the mechanism and then lower the table **W**.

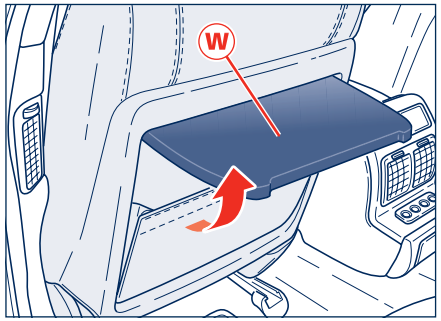
**When one or more tables are open, passengers traveling in the rear seats must fasten their seat belts as indicated on the table.**

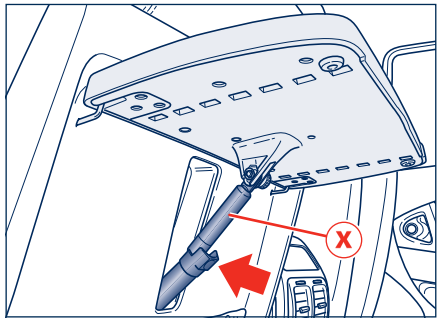
**When travelling with one or more child seats fitted on the rear seat of the vehicle, the tables must be in closed position.**

**When closing the table always guide it down: risk of crushing!**

WARNING: As the table is not equipped with holding devices, do not place open containers of drinks on the tables during the journey as the surrounding upholstery could be stained or damaged if they fall over.




*Internal outfits*