

Redefining the concept of the super sports car: for Automobili Lamborghini, challenges have never been a problem. We have had to work hard to develop a car that is capable of meeting such expectations, but the commitment and passion for speed that have always been our calling card have allowed us to achieve this goal with absolute success.

This car, which you are about to drive, is the latest raging bull from Sant'Agata Bolognese, the new Lamborghini Huracán STO. It represents the next step in the evolution of the Huracán family and is born of Automobili Lamborghini's years of experience in the world of racing.

The Huracán STO embodies the essence of a vehicle inspired by the race track but approved for the road.

The Huracán STO's design, is clearly influenced by the need for highly evolved aerodynamics to maximize aerodynamic load and cooling efficiency. The entire exterior has been engineered to achieve these goals.

What's more, an enormous amount of care has gone into reducing its weight, using solutions inspired by the world of racing and through the extensive use of carbon fiber in both the exterior and interior.

For the very first time, a brake system inspired by the world of F1 has been installed in a Lamborghini intended for road use, allowing for incredible brake performance and consistency.

The Huracán STO is likewise characterized by a vast array of options that add specific content inspired by the world of racing. The wide range of customization possibilities offered by the Ad Personam program which allows the Huracán STO to be configured to its owner's precise requirements, completes the package.

To enjoy the advantages and features of the vehicle, to understand how to get the most from this kind of power safely and, most importantly, to become one with its uniqueness, we ask you to take the time to read this Owner's Handbook carefully.

You will also receive a Warranty and Scheduled Maintenance Plan Booklet, where you will find other important information.

You are about to embark on an exciting and unparalleled driving experience. It all starts when you get behind the wheel of your new Lamborghini Huracán STO.

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Automobili Lamborghini S.p.A.

## **Format of this Owner's Handbook**

*This Owner's Handbook is designed to provide you with important warnings, information, suggestions and instructions.*

Each chapter has a title.

The title is followed by a brief introduction (in italics) to the subject of the chapter.

When specific instructions are required, these appear in larger print beneath the illustrations. The illustrations depict the operations that must be performed, but do not provide additional explanations. The individual steps in the instructions are indicated by a dash or a bullet. Each illustration is then followed by a more detailed description of the subject in question, which gives you important or additional information and instructions on the topic.

In this handbook, for the sake of brevity, "Automobili Lamborghini S.p.A." is also referred to as "Lamborghini".

### **Sections, table of contents and alphabetical index**

The contents of this Owner's Handbook are divided into relatively short paragraphs that are grouped together into sections (such as "Operation").

To make it easier to find information, we have included a convenient index.

This index of subjects (which is subdivided into sections) and the alphabetical index at the end of this Owner's Handbook will help you find the information, suggestions or instructions you are looking for.

### **References to your Lamborghini in this Handbook**

Most of the sections in this Handbook contain important information, suggestions, instructions and warnings that apply to all possible versions of the vehicle. However, given the variety of equipment available, this Handbook also contains sections which do not apply to all vehicles. In such cases, the type of vehicle to which the information, suggestions, instructions and warnings apply is specified at the beginning of the section. For example, you may see, "Applies to vehicles with: anti-theft alarm system". Since there are many possible equipment options, you may find references to equipment that is not installed on your vehicle.

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### **Driver seat as reference position**

Unless otherwise stated, all indications of direction (such as right, left, forwards, backwards) are from the vantage point of the driver in the driving seat looking forwards.



## Service



### WARNING!

**Lamborghini recommends you see an Authorized Lamborghini Dealer when your vehicle requires maintenance and repairs.**

**Lamborghini advises that you use genuine Lamborghini replacement parts.**

The following manuals are provided together with this Owner's Handbook:

- Warranty and Scheduled Maintenance Plan Booklet.
- Handbook for the **Lamborghini Infotainment System**
- Quick Guide.
- Roadside Service Manual (in applicable markets).

Read these manuals carefully and follow the instructions and heed the warnings they contain.

It is important - especially if you sell or loan the vehicle - to keep these manuals in the vehicle so that they can be rapidly consulted by you, your passenger or anyone else who might use your **Lamborghini**.

**Your Authorized Lamborghini Dealer will be pleased to be of assistance and answer any questions you may have.**

**If you require any further information or assistance, please contact Automobili Lamborghini America, LLC, 2200 Ferdinand Porsche Drive, Herndon, Virginia 20171, Tel.1-866-681-6276.**

## Warranty

The Limited Warranty and Scheduled Maintenance Plan Booklet contains detailed information and instructions on the new vehicle limited warranty offered by Lamborghini and on your obligations under said warranty, as well as information about the Maintenance Plan.

This Owner's Handbook contains additional information on the correct use and maintenance of your new Lamborghini.

It is important to ensure that scheduled maintenance is performed at the intervals indicated in the Warranty and Scheduled Maintenance Plan Booklet.



### WARNING!

**For your own safety and to prolong the life of your vehicle, follow the instructions and heed the warnings provided. Failure to do so may result in injury or death, as well as vehicle damage.**

## Warnings

This Handbook contains four different types of warnings:



### WARNING!

**Text with this symbol contains important information on safety and on how to reduce the risk of personal injury or death.**



### Important!

Text with this symbol indicates a possible risk to your vehicle and calls attention to the damage that may result.




### Note

Text with this symbol contains additional, more general information on how to take full advantage of your vehicle and its features.



### Protecting the environment

Text with this symbol contains information and suggestions on how to help protect the environment.

A double arrow followed by a danger symbol (such as ) calls attention to safety warnings given at the end of the paragraph.

The instructions and warnings pertaining to your vehicle's permitted use are provided in this Handbook. It is forbidden to use this vehicle or any of its accessories or systems in a manner that differs from that which is described in this Handbook.

You must always carefully follow and heed the instructions and warnings contained within this Handbook and use your vehicle only as described herein.

## Equipment and illustrations

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This Owner's Handbook describes the equipment that may be installed on the vehicle when this Handbook went to press.

Some of the equipment described herein may not be available until a later date, or may be available only on certain markets. The illustrations are only designed to provide a general idea and may therefore differ slightly from what is found in your vehicle.

## Type-approval

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Traffic safety is everyone's responsibility. Always obey all applicable local traffic laws. The driver is therefore responsible for driving carefully, for the safety of the vehicle and its occupants and that of other road users, and for using the vehicle in a manner compliant with its type-approval as specified by Lamborghini.

In particular, Automobili Lamborghini S.p.A. reminds you that your vehicle cannot be operated in any motor racing activities, whether professional or amateur, because your vehicle is type-approved for on-the-road use only.

It is your responsibility, as the driver, to read this Handbook carefully in order to be familiar with your vehicle, its potential and, likewise, its limits, so as to be able to use the devices and functions your vehicle has to offer properly in any given situation.

The presence of applications (such as the lap timer) and the use of terms that have their origin in the world of motor sports competitions (such as SPORT, CORSA, Race start, Thrust Mode) are intended purely as a reflection of the fact that Lamborghini designs and builds high-performance sports cars. The presence of these applications and terms in the Owner's Handbook or in the vehicle itself do not indicate or suggest that it is appropriate to driver or operate the vehicle in any way that is dangerous and/or in violation of the traffic laws in force in the state or country where the vehicle is being operated.

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**Operation**



Fig. 1 Some equipment shown here is OPTIONAL and available on request.

## Passenger compartment

### Overview of the driver's seat

*This overview will help you become familiar with the principal controls, warning lights and instruments in your vehicle.*

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#### Important!

We recommend you keep the instrument cluster and the multimedia system OFF when the engine is off, since the battery will discharge quickly.



#### Note

- Some equipment is optional and available on request.

## Center console



Fig. 2 Passenger compartment: center console.

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### Note

- Some equipment is OPTIONAL and available on request.
- 

Applies to vehicles with: multimedia system

## Overview of the Lamborghini Infotainment System

Your vehicle is equipped with a multimedia interface called Lamborghini Infotainment System, which is located on the center console. It integrates the various communication and entertainment devices and systems in your vehicle into a single system. The functions that the driver requires for operating the vehicle are described in the Owner's Handbook. On the other hand, information on accessory functions are contained in the Lamborghini Infotainment System User Manual.

The Multimedia System can be used to configure certain functions on your vehicle.





**Fig. 3 Multimedia system interface.**

- The interface is a touch screen that is used to control:
  - Climate control system
  - Vehicle
  - Media
  - Telephone
  - Telemetry
  - Options
  - Radio
  - Phone Apps
  - Sound
  - Map



**Fig. 4 Peripherals in multimedia system.**

1. USB ports
2. Telemetry cameras



**Note**

For information on the functions provided by the multimedia system and on how to use its peripheral devices, please see the booklet entitled Lamborghini Infotainment System.

## Steering wheel

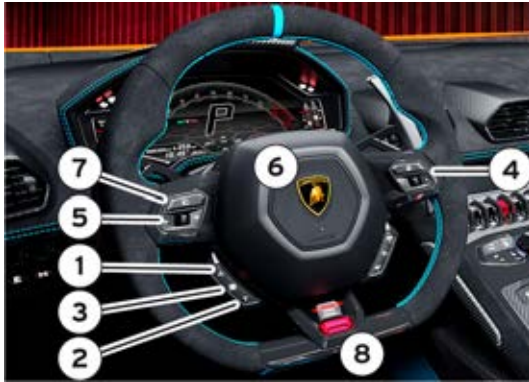


Fig. 5 Steering wheel: overview of controls.

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### Important!

Applies to vehicles with: steering wheel finished in suede leather.

The suede leather steering wheel is designed to provide a good grip, but because the material is soft and untreated, it may become damaged, worn or dirty in a short time.

We therefore recommend wearing leather driving gloves to keep the covering in good condition.

If the suede leather on the steering wheel deteriorates, its repair or replacement is not covered under the new vehicle limited.

Customers are responsible for its care or cleaning.

The steering wheel should be replaced in its entirety if the level of wear does not allow for the driver to grip it firmly and stably.

## Instruments and warning/indicator lights

### Instrument cluster

The instrument cluster is the driver's information center.



Fig. 6 Instrument cluster.

The instrument cluster can be turned on and off by pressing the START ENGINE STOP button.



#### Note

The engine can be started by pressing the START ENGINE STOP button and holding down the brake pedal at the same time.

When the vehicle starts, the vehicle is always set to the STO driving mode.

To change the driving mode and for more information on the transmission, see p. 164.



**Note**

The graphic display on the instrument cluster in the STO, TROFEO and PIOGGIA driving modes differs only in the color of the indicators: white for STO, red/yellow for TROFEO and blue for PIOGGIA. The instrument cluster in the STO driving mode is mainly depicted in the following images.



**Important!**

- We recommend you keep the instrument cluster off when the engine is not running, since the battery will discharge quickly due to the high technology equipment installed in the vehicle.
- The instrument cluster is lit when vehicle lights are off but the ignition is on. This illumination automatically decreases as exterior brightness decreases, so that the display remains comfortable to view
- Also, the dials are equipped with a graduated scale, where the correct value is indicated by a strip which lights up.
- Since the instrument cluster is digital, its functions are displayed only when it is on.



**Note**

When the instrument cluster is switched off, or when the driver's door is opened, the system displays the following for several seconds: the digital clock, the speedometer, the gear change indicator (in parking mode (P) or in neutral (N)) and the Lamborghini logo.



**WARNING!**

**Using sunglasses with polarized lenses and certain light conditions may make it more difficult to view the instrument cluster display.**

## Overview of the instrument cluster



Fig. 7 Overview of the instrument cluster.

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#### WARNING!

When telemetry is enabled (see p. 74) and the instrument cluster is set in Track mode, the telemetry information is displayed in the center area of the instrument cluster. Information displayed in the center area of the instrument cluster is shown in place of the acceleration indicator (6).

## Tachometer

The tachometer shows engine revolutions per minute (RPM).




Fig. 8 Instrument cluster: tachometer.

When the instrument cluster is switched on, an analog readout of engine RPM and a digital readout of vehicle speed are displayed.

If the following message appears

### Do not exceed max. engine speed of rpm



Engine RPM has been automatically limited to the value shown. This protects the engine from possible overheating. Lift your foot off the accelerator to let engine temperature drop into a non-critical range. The function will turn off automatically.

If the  indicator lights up and the following message appears

### Do not exceed max. engine speed of rpm

Engine RPM has been automatically limited to the value shown. This protects the engine from possible overheating.

Lift your foot off the accelerator to let engine temperature drop into a non-critical range. The function will turn off automatically.

If the  or  warning light also appears, the RPM limiter has switched on due to a malfunction. Be careful not to exceed indicated engine RPM and immediately drive to an Authorized Lamborghini Dealer to have the problem corrected.



### Important!

- The width of the red line area on the tachometer varies with engine oil temperature.
- The tachometer needle should remain in the red line area for as short a time as possible. Otherwise, the engine may be damaged. The over-rev prevention feature cannot operate if over-revving is caused by shifting to a lower gear.
- When downshifting, you must choose a gear that keeps engine RPM below the safety limit programmed into the over-rev prevention feature.
- Upshift promptly so that engine RPM stays within reasonable values!

## Assistance with gear changing in the TROFEO driving mode



Fig. 9 Instrument cluster: Tachometer LED.

To assist the driver while changing gears manually, several LED indicators are provided at the top of the instrument cluster (2 - Fig. 9) which are associated with engine RPM values.

The red LED indicators will begin to light up on both sides, starting from the outside; the closer the car gets to the limit for changing gears, the more LED indicators light up. Finally, all the LED indicators light up in blue and flash along with the gear indicator to warn the driver that the gear must be changed.

## Speedometer

The speedometer shows the speed of the vehicle.



Fig. 10 Instrument cluster: speedometer.

The measurement unit on the display can be set to either kilometers (km/h) or miles (mph) per hour.

When the instrument cluster is switched on, the display shows an analog readout of engine RPM and a digital readout of vehicle speed.



### Note

On vehicles equipped for some export markets, speed can be displayed in kilometers and miles per hour simultaneously by holding down the 0.0 button (1 - Fig. 23 see p. 57).




### WARNING!

**Choose the measurement unit in use in the country where you are using your vehicle in order to confirm that you are operating the vehicle in compliance with the local legal speed limits. Respecting speed limits helps reduce risks to the health and safety of other motorists and other people using the road.**

Applies to vehicles with: multimedia system

The measurement unit (kilometers/miles - °C/°F - fuel consumption) can be chosen using the multimedia system.

#### Setting the measurement unit

- Access the Settings menu by pressing the  button
- Select **Measurement units**
- Select the measurement unit you wish to change

Applies to vehicles without multimedia system

The measurement unit (kilometers/miles - °C/°F - fuel consumption) is set at the factory. See an Authorized Lamborghini Dealer to have it changed.



#### Note

- The measurement unit for the total odometer (see p. 26) has been set by Automobili Lamborghini S.p.A. for the market where the vehicle was sold and cannot be changed.
- For further information, please see the separate booklet for the multimedia system.

## Odometer (miles)

*The odometer (miles) (1 - Fig. 11) shows miles on the vehicle since it left the factory*



**Fig. 11 Instrument cluster: total odometer.**

The total odometer (miles) cannot be zeroed.



#### Note

When the instrument cluster is switched off, or when the driver's door is opened, the system displays the total odometer (miles) for several seconds.




## Fuel gauge

The fuel gauge is displayed only when the instrument cluster is on, whether or not the engine is running.



Fig. 12 Instrument cluster: fuel gauge.

When the gauge (1 - Fig. 12) shows that the level in the tank is in the reserve zone, the  warning light appears, an audible alarm sounds and the following warning appears

### Please refuel!

You must refuel as soon as possible (see p.298).

The capacity of the fuel tank is listed in the “Technical Data” section (see p. 393).



### Important!

If the fuel gauge suddenly falls to minimum, there may be a malfunction in the fuel sensor.

If the fuel level sensor malfunctions, the following message will appear:

### Tank system malfunction!

See an Authorized Lamborghini Dealer to have the vehicle checked and/or repaired.



### Important!

- Never let the fuel tank run completely dry: if the tank is emptied completely, the engine could misfire because the fuel supply is uneven, which could damage the catalytic converter.
- If the tank runs completely dry, contact an Authorized Lamborghini Dealer to have the vehicle transported to the nearest gasoline station.

## Coolant temperature gauge

*This instrument shows the temperature of the coolant in the engine cooling system. The temperature varies with driving conditions and outside temperature.*



**Fig. 13 Instrument cluster: coolant temperature gauge.**

The coolant temperature gauge (1 - Fig. 13) operates only when the instrument cluster is switched on.

To avoid possible damage to the engine, be sure to read the following important information.

### Low temperature


If the needle is in the lower area of the dial, the engine has not yet reached normal operating temperature.




### Important!

Avoid operation at high RPM, do not accelerate at full throttle and do not demand too much from the engine until the needle has gone beyond the first mark on the dial.

### Normal temperature


During normal operation, the needle will settle somewhere in the center of the dial, which indicates that the engine has reached operating temperature: full performance can be demanded from the engine only after it has reached this temperature. The needle may move upwards when the engine is being stressed and the outside temperature is high. This is not a cause for concern unless the  warning light appears on the instrument cluster.

### Temperature too high

If the  warning light appears and the needle is at the top of the scale, the coolant temperature is too high.

Malfunctions in the cooling system must be repaired immediately.

### Malfunction in cooling system


*If the  warning light appears, the coolant temperature is too high or the coolant level is too low.*

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.




### Important!

Malfunctions in the cooling system must be repaired immediately. If the procedure described below does not solve the problem, see an Authorized Lamborghini Dealer.

If the  warning light comes on and the following message is shown

**Coolant temperature too high! Let engine idle with vehicle stopped**



the coolant temperature is too high or the coolant level is too low. Cool down the engine by letting it idle for a few minutes.


If the  warning light comes on and the following message is shown:

**Shut off engine and check coolant level**

the coolant level is too low.




If either of these two events occurs, proceed as follows:

- Stop the vehicle
- Shut off the engine
- Wait for the engine to cool down completely
- Check the coolant level (see p. 310)
- Add coolant, if necessary (see p. 312)
- Resume vehicle operation only after the  warning light turns off
- If the  warning light stays on, contact an Authorized Lamborghini Dealer

If the coolant level is correct, but the  warning light stays on, the fault may have been caused by a malfunctioning radiator fan. Do not drive the vehicle, and contact an Authorized Lamborghini Dealer.



**Important!**

- The  warning light signals a malfunction in the cooling system.
- To prevent damage to the engine, you must stop as soon as the  warning light appears.
- If the  warning light comes on, also check the temperature gauge on the instrument cluster.



**WARNING!**

The cooling system is pressurized and can overheat. To reduce the risk of serious burns and injury from boiling liquid, be sure to take the following precautions:

- Before working in the engine compartment, read and heed the applicable WARNINGS (Working on components in the engine compartment - see p. 303).
- Before working in the engine compartment, shut off the engine and let it cool down completely. Then, open the engine hood carefully. Never touch any engine components when the engine is running. Hot components cause burns.
- Never open the engine hood if you can see or hear steam or coolant escaping from the engine compartment. Hot steam and coolant can cause serious burns. Wait until you no longer see or hear steam or coolant escaping from the engine compartment.
- Before opening the engine hood, check (if possible) the digital indicators on the center console display to determine the temperature of the engine coolant (Fig. 13 - see p. 28) and the engine oil (Fig. 15 - see p. 32).
- Always be extremely careful when working under the engine hood.
- Always wear gloves.
- Always protect your face, hands and arms from escaping coolant or steam by covering the cap on the radiator expansion tank with a large, thick rag.
- Before removing cap on the coolant reservoir, make sure the coolant inside has cooled down completely.
- Never reach into the area around the radiator or the radiator fan: contact with the fan blades can cause serious injury or death!



#### WARNING! (continued)


- Always keep in mind that the fan is temperature-controlled and can start without warning, even if the engine is switched off only momentarily.
- Never unscrew the cap on the radiator expansion tank when the engine is hot. A hot engine will heat the coolant and put it under pressure. Removing a cap that is under pressure can cause serious injury and/or burns.
- Slowly and carefully turn the cap on the coolant expansion tank counterclockwise while applying light downward pressure on the top of the cap.
- Both anti-freeze and coolant are highly flammable. Be especially careful to prevent these fluids from coming into contact with the exhaust system or with hot engine parts.

#### Engine oil pressure gauge

*This instrument shows the pressure in the engine lubrication system, which may vary with engine RPM and engine oil temperature.*



Fig. 14 Instrument cluster: engine oil pressure gauge.


If the  warning light comes on and the needle on the gauge is at minimum (1 - Fig. 14) the oil pressure or the level of engine oil is too low.



#### WARNING!

**If the engine oil pressure is too low, shut off the engine immediately and contact an Authorized Lamborghini Dealer.**

## Low engine oil pressure - malfunctions

The  warning light indicates that the pressure or the level of engine oil is too low to continue driving.

The warning light lights up as a check on operation when the instrument cluster is switched on and then shuts off when the engine starts.




### Important!

Engine oil pressure malfunctions must be corrected immediately. If the procedure described below does not solve the problem, see an Authorized Lamborghini Dealer.




### WARNING!

**Before opening the engine compartment, read and heed the information contained in the WARNINGS (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**

If the  warning light comes on and the following message is displayed

### Oil pressure too low

The pressure or the level of engine oil is too low to continue driving.

If the  warning light appears and the following message is shown

**WARNING: Add oil immediately!**

The engine oil level has dropped way below minimum.

If either of these two events occurs, proceed as follows:

- Stop the vehicle
- Shut off the engine
- Wait for the engine to cool down completely (see the oil temperature gauge on the center console display (Fig. 15 - see p. 32).
- Check the engine oil level (see p. 306)
- See an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired as necessary




### Important!

If the low engine oil pressure warning light comes on while driving, stop as soon as it is safe to do so and shut off the engine. Wait until the engine cools down. Check the engine oil level and add oil if necessary. Proceed with caution and immediately contact an Authorized Lamborghini Dealer to have the vehicle inspected and/or repaired. **DO NOT DRIVE THE VEHICLE OR RUN THE ENGINE FOR ANY REASON. SEVERE ENGINE DAMAGE WILL OCCUR.**



### Note

The  warning light signals low engine oil pressure. It does not indicate the oil level. The oil level must be inspected at regular intervals.

## Engine oil temperature gauge

---

*This instrument shows the temperature of the oil in the engine lubrication system.*



**Fig. 15 Instrument cluster: engine oil temperature gauge.**

The engine oil temperature shown on the gauge (1 - Fig. 15) varies with driving conditions and outside temperature.

### Low temperature


If the needle is in the lower area of the dial, the engine oil has not yet reached normal operating temperature. Avoid high engine RPM, do not accelerate at full throttle, and do not demand too much from the engine.

### Normal temperature

The engine has reached operating temperature when the needle settles somewhere in the center of the scale. If great demands are

placed on the engine and the outside temperature is high, the needle may move upwards.

### Temperature too high

If the needle is in the red area of the scale and the  warning light comes on, the engine oil temperature is too high. Contact an Authorized Lamborghini Dealer.




### Important!

The width of the red area on the tachometer varies with engine oil temperature.

## Engine oil temperature - malfunctions

---

The  warning light signals that the engine oil temperature is too high.



### Important!

Engine oil temperature malfunctions must be corrected immediately. See an Authorized Lamborghini Dealer.

## Lateral/longitudinal acceleration indicator

The lateral/longitudinal acceleration indicator shows the gravitational forces that the vehicle is subjected to during driving.



Fig. 16 Instrument cluster: lateral/longitudinal acceleration indicator.

A graduated scale from 0 to 2G is provided on each side of the indicator. Also, a digital readout is located at the top of the indicator. The digital indicator shows instantaneous acceleration values in white and peak values measured over the past 10 seconds in red.

If the indicator shows acceleration while the vehicle is stopped, straight and level, or if three dashes are shown instead of an acceleration value, the indicator must be calibrated.

To calibrate the acceleration indicator, position the vehicle on a flat surface, switch on the instrument cluster and hold down the upper

section of the rocker switch for an extended time. The cursors on the indicator will flash to show that the calibration procedure has begun. After the cursors flash five times, the calibration procedure is complete.



### Important!

The indicator must be calibrated at an Authorized Lamborghini Dealer.

## Instrument cluster warning/indicator lights

### Description

The warning lights or flashing lights on the instrument cluster inform the driver about vehicle functions and possible malfunctions.

Besides the warning lights, in some cases advisories for the driver are displayed, and an audible signal is given at the same time.

### Warning lights and indicators



The warning/indicator lights either flash or simply light up to show that certain equipment is operating or malfunctioning.










When the instrument cluster is switched on, several lights light up to provide a quick check on the operation of certain systems. In the table below, these systems are marked with a ✓. If any of these lights fail to light up, the corresponding system has malfunctioned










#### Note














The position of certain indicator lights may change when the driving mode and the settings selected for the instrument cluster are changed.










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 **WARNING!**

- **Failure to heed these warning lights and other important information displayed on the vehicle's instrument cluster can lead to breakdowns, accidents, serious injuries and death, and may void the new vehicle limited warranty.**
- **Never ignore warning lights or warning messages!**
- **If warning lights signaling a malfunction in a vehicle system appear, stop the vehicle as soon as it is safe to do so and contact an Authorized Lamborghini Dealer.**
- **If the engine shuts down unexpectedly or if you have to stop because of a possible malfunction, move the vehicle a safe distance off the road, switch on the emergency signal, shut off the engine and use other signaling devices to warn approaching traffic, in accordance with local laws and regulations. Contact an Authorized Lamborghini Dealer.**

### AUTO CHECK CONTROL

When the instrument cluster is on (and during driving), the AUTO CHECK CONTROL system constantly monitors a series of vehicle functions and components.

The instrument cluster displays any malfunctions or special indications, as necessary.

If a malfunction and/or error occurs, either a red danger symbol or a yellow warning symbol will light up.

In some situations, driving instructions are also shown on the instrument cluster to advise the driver on the recommended course of action to take.

## Danger lights (Priority 1) - Red

*Red warning lights (Priority 1) indicate a dangerous condition exists and/or that urgent repairs are needed.*

These lights warn the driver to exercise extreme caution and/or warn of a Priority 1 malfunction (danger).

The light stays lit until its cause is remedied.

## Warning lights (Priority 2) - Yellow


*Yellow indicator lights signal a warning.*


These indicator lights signal that certain systems on the vehicle have been activated or signal a priority 2 malfunction (warning).

## Indicator and warning lights in other colors

The indicator lights in other colors have the sole purpose of indicating that certain systems have been activated.

## Airbag system

The  warning light monitors the airbags and the safety belt pretensioners.


The  warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.


The following situations indicate a malfunction in the airbags and/or pretensioners:

- The warning light does not come on when the instrument cluster is turned on.
- The warning light does not turn off a few seconds after the instrument cluster is turned on.
- The warning light comes on while driving.
- The warning light flashes or lights up faintly while driving.

If a malfunction occurs in the airbag system and/or the pretensioners, the following message will be displayed on the instrument cluster:


### Airbag malfunction

 **WARNING!**

**The  warning light signals that there is a malfunction in the Advanced Airbag System (Monitoring the Advanced Airbag System - see p. 215). The airbag may inflate when it should not and may not inflate when it should. DO NOT DRIVE THE VEHICLE, SINCE THE AIRBAG SYSTEM WILL NOT WORK CORRECTLY IN CASE OF IMPACT OR OTHER ACCIDENT. Have the airbag system inspected immediately by your Authorized Lamborghini Dealer.**

### Safety belt not fastened warning

The  warning light acts as a reminder to fasten the safety belts.

The  warning light turns on for a few seconds when the instrument cluster is switched on as a reminder to fasten the safety belts. Also, the following message will appear on the instrument cluster:

### Fasten seat belt!


An audible signal will also sound when the vehicle exceeds a certain speed and the safety belt is not fastened.  
For further information on the safety belts (see p. 192).




#### WARNING!

**The driver and the passenger must always properly fasten their safety belts.**

### Alternator/Charging system


The  warning light signals a malfunction in the alternator or the electrical system.

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.

If the  warning light does not turn off after the engine starts, or if the light appears while you are driving and the following message appears:

#### Alternator malfunction: Battery not being charged

drive to Authorized Lamborghini Dealer.

When the  warning light is lit, turn off all unnecessary electrical equipment to prevent the battery from discharging and becoming drained of power.

The following message appears while the instrument cluster is on and the engine is off:

**Turn off ignition before leaving vehicle. Battery is discharging**

This warns that the battery could be discharged. You should start the engine or turn off the instrument cluster.

If the following message is displayed when the instrument cluster is on and the engine is off:

#### Turn off ignition! Battery is discharging

The battery charge level is falling below the threshold at which the engine will reliably start. Start the engine or turn off the instrument cluster.



#### WARNING!

**A low battery level could cause the vehicle's safety equipment to stop functioning unexpectedly. An accident may occur! Death or serious injuries could occur!**

**Contact an Authorized Lamborghini Dealer. If the battery is not charged enough to reach Authorized Lamborghini Dealer, bring the vehicle to a safe stop, move it a safe distance off the road, switch on the emergency flashers, shut off the engine and use other signaling devices to warn approaching traffic, in accordance with local laws and law.**





#### Important!

If the alternator warning light comes on, see the nearest Authorized Lamborghini Dealer right away to have the vehicle inspected and repaired.

## Battery charge level

---

The  warning light shows that the battery charge level is low while driving.

If the  warning light and following message appear before the engine is started:

### Low battery charge level

the energy available for starting may be low, and it may be hard to start the engine.

If the light goes out after a certain amount of time after the engine starts, the battery was charged sufficiently during driving.

If the light does not go out shortly after the engine starts, take the vehicle to the nearest Authorized Lamborghini Dealer right away to have the problem fixed.

## Transmission in neutral indicator **N**


---

The **N** indicator light comes on when the transmission is in neutral.


When the **N** indicator light appears, the engine is not connected to the transmission. For further information on the transmission (see p. 161).

## Transmission malfunction

---

The  warning light indicates a malfunction in the transmission.

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.

If the  warning light comes on while driving and the following message appears:


### Transmission malfunction: Stop vehicle and shift into P

A malfunction has occurred in the transmission. Do not continue driving. Stop the vehicle in a safe location, engage the parking mode (P) (see p. 169) and see an Authorized Lamborghini Dealer to have the problem corrected.

## Transmission malfunction

---

The  warning light indicates a malfunction in the transmission.

If the  warning light comes on during driving and one of the following messages appears

### Transmission overheated: Drive more cautiously

The temperature has risen sharply because of a very sporty driving style. Drive with a less sporty style until the temperature drops within normal range and the warning light goes out.

### Transmission malfunction: You can continue driving

A malfunction has occurred in the transmission. The vehicle can still be driven. Contact a an Authorized Lamborghini Dealer as soon as possible and have the problem corrected.

**Transmission malfunction: No reverse gear. You can continue driving**

A malfunction has occurred in the transmission. The transmission will automatically switch to the emergency operating mode. Only certain gears can be engaged, or it may be impossible to change gears. The engine may shut off. Immediately drive to an Authorized Lamborghini Dealer and have the malfunction repaired.

**Gearbox malfunction: Performance restricted**

It is impossible to obtain maximum performance from the vehicle.

**Transmission malfunction: You can continue driving in A until engine is shut off**

A malfunction has occurred in the transmission. Stop the vehicle in a safe place immediately and contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.

**Transmission malfunction: You can continue driving in M until engine is shut off**

A malfunction has occurred in the gear change paddle unit. Stop the vehicle in a safe place immediately and contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.

**System malfunctions**



**Important!**

If the transmission malfunctions, a limited version of the system will continue to operate. If this occurs, the vehicle can still be driven to an Authorized Lamborghini Dealer for inspection and/or repairs.

System operation depends on the type of malfunction that has occurred. In particular:

- If a malfunction occurs when a gear is engaged or selected, or is caused by an error on the speed sensors, the system will limit the gears that can be selected.
- If the malfunction occurs in the paddle unit on the steering column, the transmission will automatically switch to the automatic operating mode (A), regardless of the mode that has been selected



**Important!**


If the malfunction persists, any gear changes made by the driver using the paddles will be ignored, including changes into neutral (N).

When this occurs, if the engine is shut off when the vehicle is stopped, the parking mode (P) will automatically engage. The engine can be restarted, even in the parking mode.

**Power steering malfunction warning**  

*The electromechanical power steering makes it easier to handle the vehicle as it is steered.*

The power steering is electronically adjusted to suit vehicle speed.

If the  warning light comes on during driving, an audible signal will also sound and the following message will appear:

### Steering: System malfunction You can continue driving

A malfunction has occurred in the electronic steering control system. Drive at a moderate speed to the nearest Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.



#### Note

If a malfunction occurs, the steering wheel may be harder to turn or may be more sensitive than usual.



#### Important!

If the warning light turns on only for several seconds, you can continue driving normally.

If the warning light comes on during driving and the following message appears:

**Do not drive vehicle:                      Steering malfunction**

A malfunction has occurred in the electronic steering control system. Stop the vehicle in a safe place and immediately contact an Authorized Lamborghini Dealer.

### Malfunction in rear wheel steering system

The and warning lights light up if the rear wheel steering system malfunctions.

If the warning light comes on and either the message:

**Rear wheel steering: Malfunction! System deactivated! Vehicle speed limited**

or the message:

**Rear wheel steering: System deactivated "Vehicle speed limited "**

is displayed, the rear wheel steering system is not operating properly. The rear wheels are automatically moved to the center position, and you can continue to drive normally. Contact a an Authorized Lamborghini Dealer as soon as possible and have the vehicle inspected and/or repaired.

If the warning light comes on and the message:



**Rear wheel steering: Malfunction! System locked! Vehicle speed limited**

	<b>WARNING!</b>
<b>is displayed, the rear wheel steering system has malfunctioned. The rear wheels will lock in their current position. Stop immediately in the safest way possible and contact an Authorized Lamborghini Dealer to have the malfunction repaired.</b>	

	<b>WARNING!</b>
<ul style="list-style-type: none"> <li>• <b>Driving with the rear wheels locked in position may cause serious injuries or death!</b></li> <li>• <b>If the rear wheel steering system malfunctions, the ESC system is automatically disabled.</b></li> <li>• <b>Stop immediately in the safest way possible (see p. 159) and contact an Authorized Lamborghini Dealer.</b></li> </ul>	

Applies to vehicles with: Front end lifting system (Lifting System)

## Front end lifting system (Lifting System)

The  indicator light shows that the Lifting System is operating. The  warning light appears if the Lifting System has malfunctioned



**Fig. 17 Center console: button for front end lifting system (Lifting System).**

The Lifting System enables the driver to raise the front end of the vehicle by around 1.97 in. off the ground to provide greater clearance when traveling over uneven surfaces.

### To raise the vehicle

- Turn on the instrument cluster
- Start the engine
- Pull the button (1 - Fig. 17).


As the front end is raised, the  indicator light will flash. When raising is complete, the  light will remain steadily lit.

### To lower the vehicle back to its normal height

- pull the button once again (1 - Fig. 17)

The  indicator light will flash and then turn off.

Use the lifting system only when the vehicle is stopped.

If the  warning light comes on, this means that the Lifting System is temporarily disabled or the vehicle will not lower completely.




### Important!

The vehicle can also be raised while driving at speeds of less than 43 mph. Normal clearance is automatically restored when vehicle speed exceeds this value.



### Note

- The vehicle can be raised or lowered by the lifting system only when all the doors and hoods are closed.
- If the vehicle is shut off when the lifting system is in the raised position, the raised position will be maintained.

If the  warning light comes on and the following message appears:

### Lifting failure

The Lifting System has malfunctioned. See an Authorized Lamborghini Dealer to have the vehicle inspected and/or repaired.

If the system has malfunctioned and if this speed 43 mph is exceeded, the following message will appear on the instrument cluster:




## Lifting fault max speed 45 mph

It is a reminder to proceed cautiously and slowly, as vehicle stability could be impaired due to the system malfunction.

## Faulty engine oil level sensor

The  warning light shows that the engine oil level sensor is faulty.

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.

If the  warning light comes on, an audible alarm sounds and the following warning appears

### Oil level sensor system: fault. Please contact workshop

The engine oil level sensor is faulty.



### Important!

Contact an Authorized Lamborghini Dealer.


Check the engine oil level at regular intervals until the engine oil level sensor is repaired (see p. 306)



### WARNING!

**Before opening the engine compartment, read and heed the information contained in the WARNINGS (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**

## ESC - Electronic Stability Program

The ESC  warning light shows that the electronic stability program is operating or has malfunctioned.



The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started to show that the electronic stability program is operating.

### The ESC warning light operates as follows:

- The light turns on for around 2 seconds as a check on operation when the instrument cluster is turned on. The light turns off at the end of an automatic self-test routine run by the system.
- The light flashes during driving when the ESC electronic stability program or the ASR anti-slip regulation system is activated
- Also, the light stays lit after the battery has been disconnected.

### The following situations indicate a malfunction in the ESC system:

- The warning light does not light up when the instrument cluster is switched on
- The warning light does not turn off a few seconds after the instrument cluster is switched on
- The warning light lights up while the vehicle is in motion
- The warning light stays on when a malfunction occurs in the ABS, since the ESC system operates together with the ABS system


If the  and the  warning lights appear simultaneously, and the following message appears:

### Stabilization control (ESC/ABS): Malfunction!



#### WARNING!

**a malfunction has occurred in the anti-lock brake system or the electronic stability program. When this occurs, the ESC will not operate. However, the brake system will continue to function without ABS. Stop the vehicle in the safest way possible, move the vehicle a safe distance off the road, switch on the emergency signal, shut off the engine and use other signaling devices to warn approaching traffic, in accordance with laws and regulations. See an Authorized Lamborghini Dealer right away and have the vehicle inspected and/or repaired.**

If the  warning light comes on and the following message appears

#### Stability control (ESC): Malfunction!



#### WARNING!


**a malfunction has occurred in the electronic stability program. Stop the vehicle in the safest way possible and contact Authorized Lamborghini Dealer and have the malfunction repaired.**

In the event of an ESC malfunction, see an Authorized Lamborghini Dealer as soon as possible.


For further information on the ESC system (see p. 251).



#### Important!

When a new battery is installed, the ESC  warning light may stay on. It will turn off automatically after the vehicle has been driven approximately 820.21 ft.

#### ESC OFF - Electronic stability program disabled

The  warning light turns on when the ESC has been disabled with the button provided (Fig. 138 - see p. 252).

The warning light comes on when the instrument cluster is switched on and turns off automatically when the engine is started.





#### Important!

When a new battery is installed, the ESC warning light may stay on. It will turn off automatically after the vehicle has driven approximately 820.21 ft.

For further information on the ESC system (see p. 251).


#### ESC TROFEO - Electronic Stability Program in the TROFEO driving mode

The  indicator light shows that the ESC system is active in the TROFEO driving mode.


If the ESC system is activated while you are driving in the TROFEO mode, the  warning light will flash.




#### Note

The  will remain steadily lit to remind you that the TROFEO mode is selected.

## ESC PIOGGIA - Electronic Stability Program in the PIOGGIA driving mode


The  indicator light shows that the ESC system is active in the PIOGGIA driving mode.

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.

If the ESC system is activated while you are driving in the PIOGGIA mode, the  warning light will flash.



### Note

The  will remain steadily lit to remind you that the PIOGGIA mode is selected.

## NO ESC - Electronic Stability Program disabled in the TROFEO driving mode

When the  warning light and the  warning light appear together with the message

### NO ESC !


, this means that the ESC system has been disabled. The ESC system can be completely disabled only in the TROFEO driving mode (see p. 164) by pressing the button (8 - Fig. 2 - see p. 18).

In this specific condition, the  warning light, the  warning light and the NO ESC message all appear at the same time to highlight the fact that the ESC system has been disabled completely.



### WARNING!

Although ESC cannot enhance stability in all driving situations, it helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces. With ESC disabled, the vehicle will not have this enhanced stability.

The NO ESC message and the  warning light signal that the ESC system will remain completely disabled until it is restored manually. You may lose control of the vehicle and have an accident!




### Important!

When a new battery is installed, the  warning light may stay on. It will turn off automatically after the vehicle has been driven approximately 820.21 ft.

For further information on the ESC system, see p. 251.

## ABS - Anti-lock brake system


The  warning light signals a malfunction in the ABS anti-lock brake system.

### This warning light operates as follows:

- The light turns on for around 2 seconds as a check on operation when the instrument cluster is turned on. The light turns off at the end of an automatic self-test routine run by the system.
- The warning light flashes during driving when the ABS anti-lock brake system is activated
- The warning light stays lit after the battery has been disconnected.

**The following situations indicate a malfunction in the ABS system:**



- The warning light does not light up when the instrument cluster is switched on
- It does not go out a few seconds after you have switched on the ignition
- It is steadily lit during driving
- It stays on when a malfunction occurs in the ESC system, since the ABS system operates together with the ESC system

 <b>WARNING!</b>
<p>The brake system will continue to function without ABS. ABS helps to prevent wheel lock up when the brakes are applied suddenly or if the brakes are applied while driving on a slippery road surface. Without ABS, the vehicle will not have this enhanced braking function. An accident may occur! Contact an Authorized Lamborghini Dealer as soon as possible. For further information on ABS (see p. 257). A malfunction in the ABS will be signaled by the ESC warning light.</p>

If the  warning light comes on and the following message appears



**Stability control (ESC): Malfunction!**



a malfunction has occurred in the anti-lock brake system. Drive to the nearest Authorized Lamborghini Dealer right away and have the malfunction repaired.

If the  and  warning lights appear, and the following message is shown

**Stabilization control (ESC/ABS): Malfunction!**

a malfunction has occurred in the anti-lock brake system or the stability program. When this occurs, the ESC will not operate. However, the brake system will continue to function without ABS. Drive to the nearest Authorized Lamborghini Dealer right away and have the malfunction repaired.

 <b>WARNING!</b>
<p>If the  and the <b>BRAKE</b> warning lights appear, a malfunction has occurred in the anti-lock brake system. The wheels may lock up in case of a sudden stop, and rear wheel brake lock-up can cause loss of vehicle control. Drive slowly and avoid sudden, hard stops. Drive to Authorized Lamborghini Dealer or independent repair shop right away and have the malfunction repaired. In the event of an ABS malfunction, see an Authorized Lamborghini Dealer as soon as possible.</p>

 <b>WARNING!</b>
<p>Driving with brakes in poor condition can result in accidents, serious injuries or death!</p> <p>If the  warning light stays lit or lights up while the vehicle is moving, the ABS is not operating properly and the vehicle can be stopped only with the standard brake system (without ABS). You will not have the enhancement that ABS provides. Drive slowly and avoid sudden, hard stops. When the ABS warning light is lit, the ESC (electronic stability program), EDS (electronic differential lock) and ASR (anti-slip regulation) systems are deactivated. As a result, the vehicle's handling characteristics will change. Stop the vehicle in a safe place and immediately contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.</p>

Applies to vehicles with: active shock absorbers


## Active shock absorbers


If the  warning light comes on and the following message appears:

### Suspension malfunction: You can continue driving

This means that a malfunction has occurred on the active shock absorbers. Slow down immediately to a speed of less than 25 mph, because vehicle handling may not be optimum. Drive at a moderate speed to Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.

## Brake pad wear warning light

The  warning light indicates that the brake pads are worn to the point that they must be replaced.

If the  warning light does not turn off after the engine starts, and the following message is shown:

### Check brake pads!

see an Authorized Lamborghini Dealer to have the brake pads inspected and/or replaced.


When the front brakes are serviced, the rear brake pads must be inspected at the same time. The degree of wear on the brake pads must be inspected on a regular basis. The best way to inspect the wear on the brake pads is to see an Authorized Lamborghini Dealer. Both sets of brake pads on the same axle must be replaced at the same time.




### WARNING!


**If the warning light on the instrument cluster lights up, contact an Authorized Lamborghini Dealer right away and have the brake pads inspected and/or replaced if necessary. It is recommended that you see an Authorized Lamborghini Dealer to have the brake pads changed.**

## Malfunctions in the brake system

The  warning light signals that a malfunction has occurred in the brake system.

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started to show that the condition of the brake system is being monitored.

If the  warning light does not turn off after the engine starts, or if the light appears while you are driving, see an Authorized Lamborghini Dealer right away to have the brake system repaired. Have malfunctions in the brake system corrected as soon as possible.

If the  warning light comes on and the following message appears on the instrument cluster



### Stop vehicle and check brake fluid level!

The brake fluid level is too low.




### Important!

- Stop the vehicle immediately in the safest way possible and immediately contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.


If a malfunction occurs in the ABS, in addition to the  warning light, the brake system warning light **BRAKE** will also appear (=> .

If the **BRAKE** warning light flashes on the instrument cluster, the brakes are overheated.

 <b>WARNING!</b>
<b>If this type of malfunction occurs, the brake system may not operate properly when the vehicle is parked, particularly on sections of road with a gradient.</b>

If the **BRAKE** warning light comes on and this message appears on the instrument cluster:


#### **Warning! Brake system malfunction**

 <b>WARNING!</b>
<b>The brake system has malfunctioned. Stop immediately in the safest way possible and immediately contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.</b>

If the **BRAKE** warning light comes on and this message appears on the instrument cluster:

#### **Parking brake: System malfunction!**

The electromechanical parking brake has malfunctioned. Stop immediately in the safest way possible and immediately contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.

 <b>WARNING!</b>
<b>Driving with brakes in poor condition can cause accidents, serious injuries or death!</b>
<ul style="list-style-type: none"><li>• <b>If the brake system warning light does not go out, or if it comes on when driving, the brake fluid level in the reservoir is too low or there is a malfunction in the brake system.</b></li><li>• <b>Stop immediately in the safest way possible and contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.</b></li><li>• <b>If the ABS warning light and the brake system warning light both appear, there may be a malfunction in the ABS system and the wheels may lock up in case of a sudden stop. Rear wheel brake lock-up can cause loss of vehicle control. Stop the vehicle in the safest way possible and immediately contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.</b></li></ul>

#### **Electromechanical parking brake **PARK****

*The **PARK** warning light shows that the electromechanical parking brake is engaged or has malfunctioned.*

The warning light turns on when the instrument cluster is switched on to show that the electromechanical parking brake is enabled.

When the parking brake is set, the **PARK** warning light turns on. If the parking brake is set when the instrument cluster is off, the indicator will turn off after around 10 seconds.

After the parking brake has been set, if the **PARK** warning light flashes and the following message appears

**Warning! Gradient too steep!**

The parking brake is not strong enough to keep the vehicle in its stationary position while parked. Hold down the brake pedal until you drive away and look for a parking area where the grade is not as steep.

When the parking brake is released, if the **PARK** warning light flashes and the following message appears

**Press brake pedal**

This is a reminder that in order to release the parking brake, you must press the brake pedal and the parking brake lever at the same time (1 - Fig. 105 - see p. 157).

When you drive off, if the **PARK** warning light flashes and the following message appears

**Release parking brake**

This is a reminder that in order to release the parking brake manually, you must press the brake pedal and the parking brake lever at the same time (see p. 157).

**Note**

The parking brake will release automatically only if the driver's safety belt is buckled.

If the **PARK** warning light does not turn off after the engine starts or if it comes on while driving and the following message appears

**Parking brake engaged****WARNING!**

**The parking brake has malfunctioned. An accident may occur! Contact the nearest Authorized Lamborghini Dealer right away and have the vehicle inspected and/or repaired. For further information on the electromechanical parking brake (see p. 157).**

If the **PARK** warning light comes on while driving and the following message appears

**Parking brake diagnostics in progress****WARNING!**


**The electromechanical parking brake warning light has malfunctioned. Contact the nearest Authorized Lamborghini Dealer right away and have the vehicle inspected and/or repaired.**

If the **PARK** warning light comes on while driving and the following message appears

**Sensor failure during DAA****WARNING!**

**The electromechanical parking brake warning light has malfunctioned. Contact the nearest Authorized Lamborghini Dealer right away and have the vehicle repaired. For further information on the electromechanical parking brake (see p. 157)**


## EPB - Electromechanical parking brake - malfunction

The  warning light shows that the electromechanical parking brake is not operating correctly.

If the  warning light comes on and the following message appears:

### Parking brake: System malfunction!

The parking brake has malfunctioned.

 <b>WARNING!</b>
<b>An accident may occur! Contact the nearest Authorized Lamborghini Dealer right away and have the malfunction repaired.</b>

## (MIL) malfunction indicator in the on-board diagnostic system (OBD CHECK ENGINE)



The  warning light in the on-board diagnostic system indicates a malfunction in any emission-related component connected to the OBD II system.



Fig. 18 OBD socket

The warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.


If the  warning light does not turn off after the engine starts, or if the light appears while you are driving, see an Authorized Lamborghini Dealer right away to have the vehicle inspected and/or repaired.

It is against regulations to operate the vehicle when the OBD system has malfunctioned.



## **Malfunctions in the engine control system**



The  and  warning lights signal a malfunction in the electronic control system for the engine.

The  warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started.

If the  warning light comes on and the following message appears:



### **Engine control system: Malfunction! Have vehicle serviced**

The engine control unit has malfunctioned.  
Drive to Authorized Lamborghini the nearest Dealer and have the engine inspected.

If the  and  warning lights come on and the following message appears:

### **Engine control system: Malfunction! Have vehicle serviced**



The RPM limiter has switched on due to a malfunction in the engine control unit.  
Be careful not to exceed indicated engine RPM and drive to Authorized Lamborghini the nearest Dealer to have the engine inspected.

If the  and  warning lights come on and the following message appears:

### **Engine control system: Warning! Power limited**

The RPM limiter has switched on due to a malfunction in the engine control unit.


Be careful not to exceed indicated engine RPM and immediately drive to Authorized Lamborghini the nearest Dealer to have the engine inspected and/or repaired.

If the  and  warning lights come on and the following message appears:

### **Engine control system: Malfunction! Park vehicle safely**

The RPM limiter has switched on due to a malfunction in the electronic engine control system.  
Stop immediately in the safest way possible and contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.

## **Engine compartment overheated**


The  warning light shows that the engine compartment is overheated.


If the  warning light comes on and the following message appears:


### **Engine compartment overheated: change driving style**

the engine compartment is overheated.  
Lift your foot off the accelerator to let engine temperature drop into a non-critical range. The function will turn off automatically.

## Lights malfunction warning


The  warning light shows malfunctions in the LED modules and in the light bulbs on the vehicle.

If the  warning light comes on during driving, a malfunction has occurred in one of the LED modules.

The  warning light signals a faulty LED module or light bulb in the following cases:

- An LED module or a light bulb has malfunctioned
- A fuse has blown (see p. 377)
- A malfunction has occurred in the electrical system

If an LED module burns out, see an Authorized Lamborghini Dealer.

In addition to the  warning light, a short description of the malfunction will be displayed for 5 seconds.

For example, if the rear fog light is not operating, the following message will be shown:

### Light malfunction: Rear fog light


The message will disappear after around 5 seconds and can be recalled by pressing the CHK button.




#### WARNING!

**If the vehicle has no brake lights at all or the brake lights operate intermittently, have the vehicle towed to the nearest Authorized Lamborghini Dealer. Do not operate the vehicle without fully operational brake lights as this could cause an accident with vehicles approaching from behind.**

## Brightness and rain sensor

The  warning light signals a malfunction on the brightness and rain sensor.

The brightness and rain sensor turns the windshield wipers and the parking lights on automatically when it rains, if the AUTO mode is selected (see p. 102).

If the  warning light comes on and the following message appears

### Light and rain sensor failure






#### WARNING!

**The brightness and rain sensor is faulty. The vehicle's lights may not turn on automatically. This may result in injury or death! Drive to the nearest Authorized Lamborghini Dealer and have the malfunction repaired.**

**For safety reasons, the low beam headlights are always on when the light switch is in the AUTO position. However, the lights can be still be turned on and off normally using the light switch. All the functions of the windshield wiper/washer system, which do not depend on the rain sensor, remain available as needed.**

## Turn signals

The  indicator lights flash when a turn signal is operating.

Depending on whether the left turn signal , or right turn signal  is selected, one or the other light will flash. When the emergency signal is switched on, both indicator lights flash.


If a turn signal fails, its indicator light flashes twice as fast, and a brief indication of the malfunctioning turn signal is shown for 5 seconds on the instrument cluster.

For example, if the side turn signals are not operating, the following message will appear:


### Light malfunction: Side turn signal

Have the LED module replaced at an Authorized Lamborghini Dealer.

## Cylinder deactivation system

The  indicator light appearing while driving shows that only one of the engine's two cylinder banks is being used.

Cylinder deactivation reduces CO2 emissions.

When the  warning light appears, the sound made by the engine may change in pitch. This is normal.

# Driver information system

## General information on the Driver Information System

The Driver Information System in the instrument cluster provides information and indications on vehicle operation.



Fig. 19 Instrument cluster: information system.

The Driver Information System provides complete information on the current operating condition of the vehicle in a simple, practical way.

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### Note

- The menus displayed by the driver information system are stored in the memory based on the driving mode selected (see p. 164).
- If the open door warning is shown, the other information that can be displayed in that area of the instrument cluster will be blacked out until the door(s) are closed.
- If a warning is shown from the system for monitoring tire pressure or brake system temperature, the other information that can be displayed in that area of the instrument cluster will be blacked out until the malfunction has been rectified.

## Driver Information System controls

### MENU button



Fig. 20 MENU button.

Using the MENU button (1 - Fig. 20) you can:

- Scroll through the pages on the Driver Information System menu by pressing the button briefly
- Exit and return to the main page of the Driver Information System by pressing the button briefly when the Chrono function is selected
- Reset the short and long trip memories by holding down the button
- Stop lap timing, and view and reset the times measured by the lap timer, by holding down the button when the Chrono function is selected
- Change how active telemetry function information is displayed on the instrument cluster and multimedia system by holding down

the active telemetry button (see p. 74)

- Hold down the button for 12 seconds while the time and date are being displayed on the Driver Information System to change the time and date (on vehicles without multimedia system)



#### Note

- You cannot scroll through the pages in the multimedia system unless all doors are closed. If the open door warning is shown, the other information that can be displayed in that area of the instrument cluster will be blacked out until the door(s) are closed.
- If a warning is shown from the system for monitoring tire pressure or brake system temperature, the other information that can be displayed in that area of the instrument cluster will be blacked out until the malfunction has been rectified.

## UP button

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Fig. 21 UP button.

Using the UP button (1 - Fig. 21) you can:

- Scroll through the pages on the Driver Information System menu by pressing the button briefly

## DOWN button

---



Fig. 22 DOWN button.

With the DOWN button (1 - Fig. 22) you can:

- Scroll through the items on the Driver Information System menu by pressing the button briefly



### Note

If the DOWN button is pressed more than 15 times in one minute, it will not operate during the next minute.

## 0.0 button



**Fig. 23 0.0 button.**

Using the 0.0 button (1 - Fig. 23) is possible:

- Reset the short and long-trip memories by pressing the button briefly
- In some markets, holding down the button will display the dual unit of measurement.

## CHK button



**Fig. 24 CHK button.**

Using the CHK button (1 - Fig. 24) you can:

- Recall the last message shown to the driver, by pressing the button briefly
- Set speed warning 1 by holding down the button

## Vehicle information

Applies to vehicles with: multimedia system

### Multimedia information

Some multimedia information provided by the multimedia system can also be shown on the left-hand display on the instrument cluster.



Fig. 25 Instrument cluster: navigator display.

The navigator and radio can be called up on the left-hand display on the instrument cluster (if they are switched on). Briefly press the MENU button repeatedly until the desired information appears on the display.



#### Note

For further information, please see the separate booklet for the multimedia system.

## Time/date readout



Fig. 26 Instrument cluster: time and date.


### Clock

The time and important information for the driver are displayed when the instrument cluster is switched on. Press the MENU button repeatedly (1 - Fig. 20 - see p. 55) to display the date instead of the temperature. The time and date are displayed when the instrument cluster is switched off.

Applies to vehicles with: multimedia system

The time, date and the way this information is displayed can be set using the multimedia system control unit.

### Setting the time and date

- Access the Settings menu on the multimedia system by pressing the  button
- Select **Date and time**



- Set the date and time format
- Set the date and time or select Automatic update



#### WARNING!

**After the date is changed, the due date of the maintenance interval must be reprogrammed (see p. 66).**



#### Note

For further information, please see the separate booklet for the multimedia system.

Applies to vehicles without: multimedia system

The time and date can be set using the controls for the Driver Information System.

#### How to access the menu for setting the time and date

- Close all the doors
- Press the MENU button (1 - Fig. 20 - see p. 55) until the page with both the time and date is displayed

#### Setting the time and date

- Hold down for 12 seconds the MENU button until the hour indicator flashes
- Press the UP and DOWN buttons (1 - Fig. 21/22 - Fig. 56/56) to change the hour. Confirm by pressing the MENU button
- The minutes indicator will now begin to flash
- Repeat the procedure to set the minutes, day, month and year
- When the last indicator stops flashing, the procedure is complete



#### WARNING!

**After the date is changed, the due date of the maintenance interval must be reprogrammed (see p. 66).**



#### Note

- If no button is pushed during the time and date setting procedure for 30 seconds, the procedure is automatically ended.
- The date format is set at the factory. See an Authorized Lamborghini Dealer to have it changed.

#### Outside temperature indicator ❄️

The ❄️ warning light shows that the outside temperature is lower than 41 °F and the road could be icy.



**Fig. 27 Instrument cluster: outside temperature indicator.**

When the instrument cluster is switched on, the outside temperature is displayed (1 - Fig. 27) on the Driver Information System.

If the ❄️ in front of the temperature display comes on and the


following message appears

### Warning! Possible ice on road

the outside temperature is lower than 41 °F.

Drive with extra caution, because the road may be icy.

When the vehicle is stopped or is traveling at very low speeds, the displayed temperature may be slightly higher than the actual outside temperature due to heat radiated from the engine radiators.

 **WARNING!**

**Roads can be dangerously icy even if the outside air temperature is above freezing.**

- If you use the outside temperature display to check for icy conditions, remember that ice can form on roads even at temperatures above 41 °F.
- The snowflake symbol ❄️ warns you that there may be ice on the road and that you should pay greater attention and proceed with caution..
- Remember that there could be black ice (a thin layer of ice that forms on road surfaces and is hard to see with the naked eye), even if the snowflake symbol (ice warning) has not appeared.
- Never rely exclusively on the outside temperature reading on the instrument cluster. An accident may occur!
- Always reduce your speed and drive with greater care when roads may be icy.

### Large drop in tire pressure




The  warning light shows a substantial drop in pressure in one or more tires, or a malfunction in the Tire Pressure Monitoring System TPMS.



Fig. 28 Instrument cluster: identification of a tire with a large loss of pressure.




Fig. 29 Instrument cluster: tire pressure and temperature.

The  warning light turns on when the instrument cluster is switched on and turns off automatically when the engine is started. If the  warning light does not turn off after the engine is started

or it comes on during driving, the inflation pressure in one or more tires has dropped sharply, or the Tire Pressure Monitoring System has malfunctioned.

Also, the tire or tires affected by the pressure drop will be shown in yellow on the instrument cluster.

If the  warning light comes on and, for example, the following message is shown:

**Tire underinflated: Right front Check all 4 tires and reset TPMS in MMI**

Check the pressure in all the tires.

- Stop the vehicle
- Shut off the engine
- Check the pressure of the tires and check whether they are damaged.
- If you find damage, check whether the tire can be repaired with the Tire Mobility System (Kit Tire Mobility System - TMS)
- Call a qualified tire specialist if you cannot resume your trip



**WARNING!**

**A repair made with the Tire Mobility System (TMS) is only temporary and is designed to allow you to reach the nearest Authorized Lamborghini Dealer to have the tire and the sensor replaced. Read and follow the instructions in the relevant chapter (see p. 365).**



**Note**

The tire pressure indication is based on previously programmed values. As a result, when you change the tire inflation pressure after a pressure drop or after you replace the tires, be sure to store the new values in the system (see p. 62).

**Displaying tire pressures/temperatures**

- Press the MENU button (1 - Fig. 20 - see p. 55) until a page is displayed that contains the outline of the vehicle and the UP and DOWN buttons (1 - Fig. 21 - Fig. 22) until the pressure/temperature of the tires is displayed on the Driver Information System (Fig. 29)

The current pressure values of the tires will now be displayed in either green or yellow:

- green: the current pressure of the tires is the same as the programmed pressure
- yellow: the current pressure of the tires is lower than the programmed pressure

The programmed pressure is the last tire pressure value saved in the system (see p. 62).

Remember that the pressure in a tire also depends on its temperature. With each increase of 50 °F in the temperature of the tire, its pressure increases by approximately 1.5 psi.


During driving, the tire heats up, so its pressure increases.



**Note**

Tire pressure and temperature are not displayed while their values are being detected.

Broken lines --,-- are displayed instead of the temperature and pressure.

If the  warning light comes on and the following message is shown:

**Tire pressure: System malfunction!**

A malfunction has occurred in the Tire Pressure Monitoring System. Contact a an Authorized Lamborghini Dealer.



### Note

If a warning from the Tire Pressure Monitoring System is shown, the other information that can be displayed in that area of the instrument cluster will be blacked out until the malfunction has been rectified.

## Storing the tire inflation pressure

---

The tire pressure must again be stored:

- whenever the tire pressure changes; for example, when the load carried by the vehicle is changed
- after a wheel is changed or
- if wheels with new sensors are being used

### To store the tire pressure:

- Check the pressure in all the tires
- If necessary, correct the tire pressure to the recommended values (see p. 385). Correct the pressure only when the temperature of the tires is virtually the same as the ambient temperature.
- Close all of the doors, the hood and the luggage compartment
- Push the MENU button (1 - Fig. 20 - see p. 55) until the page showing tire pressure/temperature is displayed
- Simultaneously hold down the UP and DOWN buttons (1 - Fig. 21 - Fig. 22) for 3 seconds
- All the tires will flash green and the following message will be displayed

### Store tire pressures?

- Simultaneously hold down the UP and DOWN buttons for 3 seconds to confirm
- All the tires will flash green and the following message will be displayed

### Tire pressures being stored...


All the tires will flash green and the following message will be displayed


### Tire pressures stored

If all the tires flash yellow and the following message is displayed

### Tire pressures not stored!

The new values will not be stored, and the values stored before the storage procedure will be displayed.

If the new pressures are not displayed and the  indicator light flashes for around 60 seconds and lights up steadily, a malfunction has occurred in the Tire Pressure Monitoring System. Contact a an Authorized Lamborghini Dealer.

During this time, broken lines --,-- are displayed instead of the temperature and pressure, and the Tire Pressure Monitoring System is only partially available. It will notify the driver only if one or more tire pressure values drop below the minimum value allowed. If this occurs, the  warning light will come on and a message will appear.




### Important!

Before storing a tire inflation pressure, be sure it conforms to the recommended value (see p. 385). If a tire inflation pressure exceeds the maximum pressure allowed, the system will not store the pressure value.

### Malfunctions:

If the Tire Pressure Monitoring System is unavailable, the  warning

light will come on. If the  warning light flashes for around a minute and the Tire Pressure Monitoring System is unavailable every time the engine is started, the malfunction may be caused by the following:

- If the malfunction warning occurs at the end of a pressure detection cycle, the system is not able to recognize the wheels installed on the vehicle. This may occur because one or more wheels without sensors have been installed, or a wheel with incompatible sensors has been installed.
- A sensor on a wheel or other component is faulty.
- The Tire Pressure Monitoring System is unavailable because of radio interference.
- Equipment that transmits on the same frequency (such as wireless headsets or radio devices) is being carried in the vehicle and is causing the system to malfunction temporarily due to the strong electromagnetic fields being generated.

## Monitoring the brake system temperatures

*The system that monitors the brake system temperatures displays the temperature of every brake disc as well as that of each disc's brake system fluid.*



**Fig. 30 Instrument cluster: brake system temperature monitoring.**

Only the disc and brake system fluid that present the most critical temperatures are displayed.

- The brake disc is gray when there is no temperature reading, green when the temperature is correct, yellow when the temperature is too high, and red when the temperature is critical
- The brake system fluid is gray when there is no temperature reading, green when the temperature is correct, yellow when the temperature is too high or the fluid needs to be changed, and red when the temperature is critical

**WARNING!**

**The temperatures of each individual disc and its brake system fluid can be displayed on the multimedia system; see the dedicated section in the handbook for the LIS Lamborghini Infotainment System.**

If the temperature of one or more discs or of their brake system fluid is not correct, warning messages are displayed. Some of these messages are accompanied by a signal tone.

If the brake system fluid is shown in red and the following message is displayed:

**Brake System: Fluid overheating. Slow down. Reduced braking power**

The brake system fluid is overheated; slow down and continue to drive in order to allow the fluid to cool.

**WARNING!**

**When the brake system fluid is overheated, braking ability may be reduced. Slow down immediately. An accident may occur!**

If the brake disc is shown in red and the following message is displayed:

**Brake System: Disc heating. Please adapt driving style**

The brake discs are overheated; slow down and continue to drive in order to allow the discs to cool.

If the brake system fluid is shown in yellow and the following message is displayed:

**Brake System: Fluid heating. Please adapt driving style**

The brake system fluid is becoming too hot; slow down and continue to drive in order to allow the fluid to cool.

If the brake system fluid or disc is shown in yellow and the following message is displayed:

**Brake System degraded. Please contact service**

The discs could be worn or the brake system fluid could need to be changed. Contact an Authorized Lamborghini Dealer to have them inspected and replaced/changed if needed.

**WARNING!**

**In the event of a fault involving the temperatures of the brake discs or brake system fluid, braking ability may be reduced. Slow down immediately. An accident may occur!**

If the brake disc is shown in gray and the following message is displayed:

**Brake Temperature Management error. Please contact service**

There is a system malfunction and no information on the brake system temperatures is provided. Contact an Authorized Lamborghini Dealer.

**Note**

- If a warning is shown from the system for monitoring brake system temperatures, the other information that can be displayed in that area of the instrument cluster will be blacked out until the malfunction has been rectified.
- For more information on the system that monitors brake system temperatures, read the dedicated section (see p. 259).

## Open door warning

When the instrument cluster is on, a warning will appear on the display if a door is not correctly closed.



Fig. 31 Instrument cluster: open door warning.

The warning on the instrument cluster shows which door is not correctly closed.

As soon as both doors are properly closed, the warning on the instrument cluster will disappear.



### Note

If the open door warning is shown, the other information that can be displayed in that area of the instrument cluster will be blacked out until the door(s) are closed.

## Animation of rear wheel steering system

The animation feature for the rear wheel steering system shows the movements of all the wheels in real time.



Fig. 32 Instrument cluster: animation of rear wheel steering system.

Animation system malfunctions are signaled with warning lights and messages.

For further information on the rear wheel steering system (see p. 260).

## Maintenance interval indicator

The maintenance interval indicator reminds the driver that maintenance service will soon be required.



Fig. 33 Instrument cluster: sample display of a maintenance interval.

Given that the vehicle does not provide alerts for every type of maintenance and that it could fail to provide alerts within the correct time frames (e.g. due to the battery having been disconnected), it is the responsibility of the driver to ensure that maintenance operations are correctly and regularly performed in accordance with the maintenance plan laid down in the Warranty and Scheduled Maintenance Plan Booklet and in compliance with the laws and regulations in force in the country where the vehicle is being operated.

There are two types of maintenance interval indications:

### Reminder of next required service

When fewer than 90 days or 3,110 miles remain (whichever comes first), the left-hand display on the instrument cluster will show the following advisory:

#### Service in xx days xx mi

to remind you of the upcoming required maintenance (Fig. 33). The miles and the number of days left until the service deadline are continuously updated until the service deadline.

The miles and number of days left until the service deadline can be displayed at any time by browsing through the functions of the on-board computer with the MENU button (1 - Fig. 20 - see p. 55).

### Service interval expired

If scheduled maintenance is not performed, this situation is signaled with the following message:

#### Service due !



#### Note

On new vehicles, this information can be displayed only after the vehicle has traveled approx. 310 miles.

After it has performed the required service, the Authorized Lamborghini Dealer will reset the service interval advisory.



#### WARNING!

- **Even if the mileage is low, the maximum time interval between service operations must not be exceeded.**





### WARNING! (continued)

- **Performing scheduled maintenance at the proper intervals is essential to ensuring the health and safety of driver and passengers. Performing scheduled maintenance also ensures your vehicle's durability over time.**
- **If the battery is disconnected, the count of the days until the next required service is interrupted. Be sure to follow the instructions in the maintenance plan if the vehicle is stored for an extended period.**

## Fuel range

The fuel range indicator can help you plan your trip.




Fig. 34 Instrument cluster: fuel range.

The fuel range indicator shows the estimated of miles (Fig. 34) the vehicle can travel with the amount of fuel left in the tank, assuming that your driving style remains the same.

The value is rounded off to the nearest 6 miles. The range calculation is based on fuel consumption over the last 19 miles.



### Note

Remember that the fuel range shown on the display is an approximate value. Always check the fuel gauge on the right side of the instrument cluster. In any case, if the fuel reaches the reserve level, the reserve warning light  will also light up. The reserve is approximately 5.28 gal of fuel.

All data is deleted from memory when the battery is disconnected. When the battery is reconnected, the system will again provide information on fuel range after a short drive.

## Menu for short trip and long trip memory

Your vehicle offers two levels of memory: Short trip memory and long trip memory.



Fig. 35 Instrument cluster: Display for on-board computer.

Both memory menus provide the following information:

Driving time.....	69
Average fuel consumption.....	69
Current fuel consumption.....	70
Average speed.....	70
Maximum speed.....	70
Distance traveled.....	71

All this information is shown on the right-hand and left-hand displays on the instrument cluster.

### Short trip memory Trip 1 or partial trip memory

The short trip memory Trip 1 stores information from the time the instrument cluster is turned on until it is turned off. If a trip is resumed within two hours after the instrument cluster is switched off, the new figures are automatically included in the calculation. The stored information is automatically erased if the trip is interrupted for more than two hours.

In any event, the information stored in the short trip memory can be deleted by holding down the MENU button (1 - Fig. 20 - see p. 55).

### Long trip memory Trip 2 or total trip memory

The long trip memory Trip 2 stores information starting from the moment when the driver specifies the period of time during which the on-board computer will add new data to information that has already been recorded. Thus, the long trip memory Trip 2 is not deleted automatically. To zero the long trip memory, select the desired function and then hold down the MENU button (1 - Fig. 20 - see p. 55).

To recall information stored in memory, scroll through the list using the UP (1 - Fig. 21 - see p. 56) and DOWN buttons (1 - Fig. 22 - see p. 56) and select the information you wish to display.

## Driving time

*The driving time indicator reminds the driver to take a break.*

The instrument cluster shows the period of driving which has elapsed since the memory was last zeroed. To record driving time from a particular point in time, zero the memory by holding down the MENU button (1 - Fig. 20 - see p. 55).

### Short trip memory

The driving time is stored even when the instrument cluster is shut off. When the trip is resumed, the new driving time is added to the previous one.

If a trip is interrupted for more than 2 hours, the driving time is automatically zeroed.

### Long trip memory

After 2 hours of driving, the instrument cluster automatically shows the driving time. 2:00 flashes on the display to prompt the driver to take a break.

Press the MENU button (1 - Fig. 20 - see p. 55) to disable the driving time advisory.

If the trip is continued or the driver takes a break shorter than 10 minutes, a new advisory will appear when 4:00, 6:00, etc. hours of driving time are reached. If the driver takes a break longer than 10 minutes, the driving time advisory counter is automatically zeroed.



### WARNING!

- **The driver is always responsible for his/her own driving, and during long trips it is important to take appropriate rest breaks. Stop and rest at the smallest sign of tiredness, regardless of whether or not the system has issued the aforesaid alerts and warnings. Do not drive when you are tired. An accident may occur!**



### WARNING! (continued)

- **Regardless of whether or not the system has issued the aforesaid alerts and warnings, the driver must always plan to take regular rest breaks in order to avoid becoming tired.**

## Average fuel consumption

*The average fuel consumption indicator can help you plan your trip.*

The instrument cluster shows average fuel consumption in gallons/100 miles since the memory was last zeroed. If desired, you can use this information to adjust your driving style to achieve the desired fuel consumption. To zero the memory and record a new average consumption, hold down the MENU button (1 - Fig. 20 - see p. 55). For the first 98.42 ft after the memory is canceled, 0 will be displayed.

Press the UP button (1 - Fig. 21 - see p. 56) briefly to display current fuel consumption.

### Short trip memory

If a trip is interrupted for more than 2 hours, the average fuel consumption is automatically zeroed.

### Long trip memory

The average fuel consumption value remains stored even when the instrument cluster is shut off.

When the trip is resumed, the new driving time is added to the previous one.

## Current fuel consumption

---

The instrument cluster shows current fuel consumption in gallons/miles. If desired, you can use this value to adjust your driving style.


Briefly press the UP button (1 - Fig. 21 - see p. 56) to display average fuel consumption.

The computer calculates fuel consumption every 98.42 ft. When the vehicle is stopped, the computer displays the last value that was recorded.

If the current fuel consumption indicator is selected immediately after the engine is started, the average fuel consumption will be displayed for the first 98.42 ft-131.23 ft of vehicle travel.



### Note

If the  indicator light appears, fuel consumption is being reduced.

## Average speed

---

*The average speed indicator can help you plan your trip.*

The instrument cluster shows the average speed (in MPH) since the memory was last zeroed. To zero the memory and start recording a new average speed for a new trip, press and hold down the MENU button (1 - Fig. 20 - see p. 55).

### Short trip memory

If a trip is interrupted for more than 2 hours, the average speed is automatically zeroed.

### Long trip memory

The average speed is stored even when the instrument cluster is shut off. When the trip is resumed, new average speed values will be added to the previous values.

## Maximum speed

---

*The maximum speed readout is the maximum speed reached during the last trip.*

The instrument cluster shows the maximum speed (in MPH) since the memory was last zeroed. It can be zeroed by holding down the MENU button (1 - Fig. 20 - see p. 55)

### Short trip memory

If a trip is interrupted for more than 2 hours, the maximum speed is automatically zeroed.

### Long trip memory

The maximum speed is stored even when the instrument cluster is shut off. When the trip is resumed, the system will automatically store a new maximum speed value, if reached.

## Distance traveled

The distance traveled indicator shows the number of kilometers traveled.

The instrument cluster shows the distance traveled (in km/miles) since the memory was last zeroed. To determine the average distance for a new trip, zero the memory by pressing the MENU button (1 - Fig. 20 - see p. 55).

### Short trip memory

If a trip is interrupted for more than 2 hours, the value of the distance traveled is automatically zeroed.

### Long trip memory

The distance will remain stored even when the instrument cluster is shut off. When the trip is resumed, the new distance traveled will be added to the previous value.

## Chrono (chronometer)

### How to activate the Chrono feature

The Chrono feature is used to record the amount of time taken for completing a given itinerary.



Fig. 36 Instrument cluster: Chrono display.



### WARNING!

The driver holds sole responsibility for safe, responsible use of the lap timer function so as to safeguard his/her own safety and property and that of others, and to protect the surrounding environment. Always drive according to your ability, obey the laws in force in the state or country where the vehicle is being operated, and adapt your driving style to road and weather conditions and to any other influential factors.

### To call up the Chrono feature

- Turn on the instrument cluster
- Press the MENU button repeatedly (1 - Fig. 20 - see p. 55) until the menu for the Chrono feature is shown on the instrument cluster (Fig. 36)



#### Note

On vehicles equipped with telemetry, this function can be used to measure lap times instead of the Chrono feature. For further information, see the manual for the Multimedia System.

### Lap timing

---



Fig. 37 Instrument cluster: lap timing display.

#### Timing the lap times

- Press the UP button (1 - Fig. 21 - see p. 56). The lap timer will start recording the time, and the current time will be displayed

- on the top line
- Press the UP button again. The measured lap time will be displayed on the second line, and a new lap time will begin to be timed and displayed on the first line
- Press the UP button again. The measured lap time will be displayed on the second line, and a new lap time will begin to be timed and displayed on the first line. The first time will be moved to the third line
- After the first three times have been stored, press the UP button. The oldest time will be archived, and the new lap time will be displayed on the first line
- The right-hand display on the instrument cluster will show the average speed (AVG) and the maximum speed (MAX)

#### Storing lap times

- All measured lap times are stored automatically
- Up to 99 lap times can be recorded

### How to display a split time and pause lap timing

---

#### Displaying a split time

- Press the DOWN button (1 - Fig. 22 - see p. 56) to display the split time (split) on the top line. A split time is the time it has taken to cover the distance traveled
- Press the DOWN button again to update the split time and pause lap timing

#### How to resume lap timing

- Press the UP button (1 - Fig. 21 - see p. 56)
- If a split time was displayed, lap timing will resume and will include the time that has already elapsed, as stored in memory
- If lap timing was paused, it will resume from the moment it was interrupted

**Note**

- The lap time in progress continues to be timed while a split time is displayed.
- When the Chrono function is paused, lap timing is interrupted.

## How to end lap time recording and display the results



Fig. 38 Instrument cluster: display of lap times.

### How to end lap time recording and display the results:

- Hold down the MENU button (1 - Fig. 20 - see p. 55) to end lap time recording and display a summary of the previously recorded lap times

### Summary of previously measured lap times

- The left-hand display on the instrument cluster will show the number of laps, the best time (+), the worst time (-) and

the average time (Ø) (Fig. 38). The right-hand display on the instrument cluster will show the average speed (AVG) and the maximum speed (MAX)

When the instrument cluster is shut off, the Chrono function is also shut off.

## How to zero the Chrono feature

*The zeroing function resets all recorded times to zero.*

Call up a summary of previously timed lap times and hold down the MENU button (1 - Fig. 20 - see p. 55).

Applies to vehicles with: telemetry

## Telemetry

The telemetry function allows the driver, using the multimedia system, to record a route and verify the amount of time taken to complete it.

With the telemetry function enabled, depending on the selections made from the **Driving session options** menu on the multimedia system, the instrument cluster is automatically set up in **Standard**, **Track** or **Bargraph** mode.

The instrument cluster and multimedia system work in a complementary fashion, always displaying the route and session information.

When telemetry is enabled, telemetry display modes can be changed by holding down the MENU button on the steering wheel (1 - Fig. 20 - see p. 55).



#### WARNING!

- The User holds sole responsibility for the safe, responsible use of the telemetry function so as to safeguard his/her own safety and property and that of others, and to protect the surrounding environment.
- The driver must always operate the vehicle within the limits of his/her ability, in compliance with all of the applicable laws and the instructions and warnings contained both herein and in the Lamborghini Infotainment Systemhandbook, avoiding dangerous maneuvers of any kind whatsoever, adapting driving to the road conditions, weather conditions, the presence of other persons or property, and any other factors that could affect driving and vehicle performance. An accident may occur!



#### Note

- For further information, see the dedicated section in the Lamborghini Infotainment Systemhandbook.
- When recording a route or during a warm up, only **Standard** and **Track** modes are available; in **Standard** mode, the instrument cluster is displayed as normal and all of the telemetry information is displayed on the multimedia system.

### HSTOMY21 telemetry display on the instrument cluster

*Based on the telemetry functions, information can be displayed in different ways on the instrument cluster.*

#### Recording a new route with display in the Track mode



**Fig. 39 Instrument cluster: recording a new route with display in the Track mode.**

In the preview (1 - Fig. 39), the route, split times and vehicle position are displayed.

The driving mode, current gear and transmission mode are displayed in the bottom center area of the instrument cluster (2 - Fig. 39).



### Warm up with display in the Track mode



Fig. 40 Instrument cluster: Warm up with display in the Track mode.

In the preview (1 - Fig. 40), the route, split times, gear recommendations, finish line and vehicle position are displayed.

The driving mode, current gear and transmission mode are displayed in the bottom center area of the instrument cluster (2 - Fig. 40).

### Session with display in the Standard mode



Fig. 41 Instrument cluster: session with display in the Standard mode.

The difference between the current time and the reference time (1 - Fig. 41) is updated every 2 seconds. If the current time is lower, the text is green, if it is higher or the same, the text is white. If no reference time is set, it is not displayed.

Number of laps displays the current lap number/total laps (2 - Fig. 41).

### Session with display in the Track mode



Fig. 42 Instrument cluster: session with display in the Track mode.

In the preview (1 - Fig. 42) the 3D map of the route and the vehicle position are displayed.

Lap time (2 - Fig. 42) begins every time you cross the starting/finish line and is continuously updated.

The difference between the current time and the reference time (3 - Fig. 42) is updated every 2 seconds. If the current time is lower, the text is green, if it is higher or the same, the text is white. If no reference time is set, it is not displayed.

Number of laps displays the current lap number/total laps (4 - Fig. 42).

The driving mode, current gear and transmission mode are displayed in the bottom center area of the instrument cluster (5 - Fig. 42).

### Session with display in the Bargraph mode



Fig. 43 Instrument cluster: session with display in the Bargraph mode.

The bar displays the difference between the current time and the reference time (1 - Fig. 43), updated every 2 seconds. If the current time is shorter, the bar is green, if it is longer or the same, it is white. If the difference between times is greater than 3 seconds, the bar turns completely one color.

The difference between the current time and the reference time (2 - Fig. 43) is updated every 2 seconds. If the current time is lower, the text is green, if it is higher or the same, the text is white. If no reference time is set, it is not displayed.

Lap time (3 - Fig. 43) begins every time you cross the starting/finish line and is continuously updated.

Number of laps displays the current lap number/total laps (4 - Fig. 43).

The driving mode, current gear and transmission mode are displayed in the bottom center area of the instrument cluster (5 - Fig. 43).



#### Note

To learn how to use the telemetry function, see the dedicated section in the Lamborghini Infotainment System handbook.

## Speed warning feature

### Introduction

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*The speed warning feature alerts you if you exceed the speed you previously programmed.*

Applies to vehicles with: multimedia system

The speed warning system is equipped with two speed settings that operate independently.

Applies to vehicles without: multimedia system

The speed warning system is equipped with one speed setting.



#### WARNING!

**Always obey legal speed limits! The speed warning feature does not relieve the driver of the obligation to observe local traffic laws and speed limits.**

### Speed setting 1

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*Speed setting 1 can be set only while the vehicle is traveling.*

The maximum speed you do not wish to exceed can be programmed as Speed setting 1.

The speed setting remains stored until the instrument cluster is switched off, or until the setting is changed or cleared.

If the warning light appears and the following message is shown

#### Speed limit exceeded

You are traveling at a speed that exceeds the limit you set for speed setting 1 on the instrument cluster using the CHK button (1 - Fig. 44). The warning light turns off when vehicle speed falls below the speed setting.


## How to program Speed setting 1

*Speed setting 1 is set using the CHK button.*



**Fig. 44 Button for programming speed setting.**

### How to set a maximum speed

- Proceed at the desired maximum speed
- Hold down the CHK button (1 - Fig. 44) for no more than 2 seconds
- When the button is released, the  warning light will light up briefly to confirm that the speed value has been stored. The speed value will remain stored until another speed is set or until the memory is cleared

### How to cancel a maximum speed

- Proceed at a speed of at least 2 mph
- Hold down the CHK button for at least 2 seconds (1 - Fig. 44)

When the button is released, the  warning light will light up briefly to confirm that the speed value has been canceled.



#### Note

When the instrument cluster is shut off or you pass another vehicle, Speed setting 1 is cancelled and must be reprogrammed.



#### WARNING!

**Set a speed that stays within the limits appropriate for the road conditions. In order to reduce risks to health and safety, always respect the legal speed limits. It is the driver's responsibility to adhere to the local traffic laws and speed limits.**

Applies to vehicles with: multimedia system

## Speed setting 2

*Speed setting 2 is set using the multimedia system.*

Speed setting 2 is recommended if you wish to be notified when you reach a particular speed limit. The setting is useful, for example, when driving in a foreign country with a particular speed limit, or if you need to stay below a maximum speed when driving on winter tires.

If the  warning light appears and the following message is shown

### Speed limit exceeded


this means that you are traveling at a speed that exceeds the limit you have set for speed setting 2 on the multimedia system (see p. 79). The warning light turns off when vehicle speed falls below the speed setting.

Applies to vehicles with: multimedia system


## How to program Speed setting 2

*Speed setting 2 is set on the Multimedia System.*

### How to set a maximum speed

- Access the Vehicle Settings menu by pressing the button depicting the vehicle
- Select **Speed warning**
- Enable the speed warning by activating the relative cursor
- Set the speed using the arrow-shaped buttons. If you hold down an arrow-shaped button, the speed increases or decreases more rapidly
- The  warning light will light up briefly to confirm that the speed value has been stored. The speed value will remain stored until another speed is set or until the memory is cleared

### How to cancel a maximum speed

- Access the Vehicle Settings menu by pressing the button depicting the vehicle
- Select **Speed warning**
- Turn off the speed warning by activating the relative cursor
- The  warning light will light up briefly to confirm that the speed value has been cancelled.



### WARNING!

**Set a speed that stays within the limits appropriate for the road conditions. In order to reduce risks to health and safety, always respect the legal speed limits. It is the driver's responsibility to adhere to the local traffic laws and speed limits.**



### Note

The unit of measure used for speed is programmed in the multimedia system (see p. 25).

## Cruise control

Applies to vehicles with: Cruise control

### Cruise control

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Cruise Control is a system that automatically maintains a set vehicle speed. It enables you to travel at a constant speed above 12 mph.

This system helps the driver, accelerating if the vehicle is traveling below the set speed, or slowing down if this speed is exceeded, within set limits.



#### WARNING!

**Cruise Control does NOT alter or adjust vehicle speed to maintain a safe distance between the vehicle and the vehicle that is preceding it. The driver must keep a safe distance that varies with traffic, road and weather conditions.**



#### WARNING!

**Be sure to pay attention to your driving and speed when Cruise Control is operating. The driver is solely responsible for the speed at which the vehicle is traveling, and should ensure all local traffic laws and speed limits are being observed. Only use Cruise Control when road and traffic conditions permit the safe use of the system. The driver must always pay the closest possible attention to the road and to road conditions, in order to take action promptly when necessary in order to prevent collisions and accidents.**



#### WARNING! (continued)

- **For safety reasons, Cruise Control must be switched off when driving in cities, in heavy traffic, on winding roads and when the road surface and/or weather conditions are unfavorable (for example, in case of ice, fog, gravel, heavy rain or hydroplaning): you may cause an accident!**
- **Disengage Cruise Control before entering road construction areas, highway exits or forks in the road, or when driving in turning lanes. This is recommended to prevent the vehicle from accelerating to the preset speed in the above situations.**

Applies to vehicles with: Cruise control

## Activation



Fig. 45 Cruise Control controls.

- Select the STO driving mode
- Press the button (2 - Fig. 45) to turn the system ON. The **CRUISE** indicator light for the passive Cruise Control system will appear to show that the system is on
- Accelerate or decelerate to the desired speed
- Press the SET- button (3 - Fig. 45) to store the speed. The preset speed and the **CRUISE** active Cruise Control operating indicator light will be displayed on the instrument cluster

The vehicle is constantly maintained at the preset speed by adjusting engine torque and actively engaging the brakes.

If the following message appears:

### Cruise control unavailable See owner's manual Select STO

Cruise Control is not available. Drive to an Authorized Lamborghini Dealer to have the system inspected.



#### WARNING!

- **Pay special attention to traffic conditions while Cruise Control is operating. The driver is responsible for setting an appropriate vehicle speed, for road conditions and for maintaining a safe distance from other vehicles. Always obey local traffic laws and speed limits.**
- **For safety reasons, Cruise Control must not be used in city traffic, traffic jams, on winding roads and when weather conditions are unfavorable (for example, in case of ice, fog, heavy rain, slippery roads or hydroplaning). An accident may occur!**
- **Disengage Cruise Control before entering highway exits or on ramps in the road, and when traveling through road construction areas.**



#### Important!

Before driving down a steep hill, lower your speed and downshift to use engine braking and reduce strain on the brakes.



#### Note

If the ESC system (see p. 252) or driving mode selection system (see p. 164) is disabled, Cruise Control will disengage automatically.

Applies to vehicles with: Cruise control

### **Changing the preset speed**

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- To increase/decrease speed in increments of 1 mph, briefly press the RES+ button (1 - Fig. 45 - see p. 81) or the SET- button (3 - Fig. 45 - see p. 81).
- To constantly increase/decrease speed, hold down the RES+ button or the SET- button until the desired speed is reached.

Applies to vehicles with: Cruise control

### **Exceeding the preset speed**

---

You can increase vehicle speed simply by pressing the accelerator pedal (for example, to pass another vehicle). When you release the accelerator pedal, vehicle speed will be reduced until it reaches the preset speed.

If you exceed the preset speed significantly for a long time, Cruise Control will turn off temporarily. The **CRUISE** indicator on the instrument cluster will turn off, but the preset speed will remain stored in memory.

Applies to vehicles with: Cruise control

### **Shutoff**

---

#### **Shutting off cruise control temporarily**

- Press the brake pedal. The preset speed will remain stored in memory.
- To return to travel at the stored speed, release the brake pedal and press the RES+ button (1 - Fig. 45 - see p. 81).

#### **Complete shutoff**

- Press the button (2 - Fig. 45 - see p. 81) to move it to OFF
- Shut off the engine

When Cruise Control is shut off completely, the stored speed is deleted.



#### **WARNING!**

**Restore the stored speed and reengage Cruise Control only if the speed is appropriate for the road and traffic conditions, otherwise, an accident may occur! Always obey all local traffic laws and speed limits.**



## Doors and windows

### Central Locking System

#### Description

*The central locking system allows you to lock and unlock all the doors at the same time.*


The central locking system of the vehicle can be unlocked or locked with the remote control key or with the central locking switch located on both doors.



#### Note

- If the central locking system malfunctions, you can still lock and unlock the driver door with the foldaway key or the emergency key (see p. 86).
- The anti-theft alarm system must be disarmed manually if the central locking system is inoperative (see p. 86).

#### Unlocking selected doors

*When the vehicle is opened from the inside using the central locking switch  (see p. 88), both doors are unlocked automatically.*

When the vehicle is unlocked from the outside using the remote control key (2 - Fig. 52 - see p. 93), both doors are unlocked automatically, and the anti-theft alarm system is disarmed.

Applies to vehicles with multimedia system

The central locking system can be set to unlock the driver's door

only or both doors. This setting is made using the Multimedia System (see p. 90).

Applies to vehicles without multimedia system

The central locking system is programmed at the factory.



#### Note

If the central locking system malfunctions or the battery is dead, you can still lock and unlock the driver door with the foldaway key or the emergency key (see p. 86).

The anti-theft alarm system must be disarmed manually if the central locking system is inoperative (see p. 86).

#### Break-in prevention feature

*The central locking system includes a break-in prevention feature.*

When the vehicle is locked from the outside, the exterior door release handles are disabled. This makes it more difficult to break into the vehicle.



#### WARNING!

- **Never leave children, the disabled people, the elderly or animals unattended in the vehicle. This could lead to death or serious injury!**
- **Locked doors make it harder for emergency personnel to intervene in case of emergency. The result may be fatal!**

## Anti-theft alarm system

---

*As soon as the system detects an intrusion into the passenger compartment, an anti-theft alarm system with audible and visual alarm signals is triggered.*

The anti-theft alarm system is armed automatically when the vehicle is locked and disarmed automatically when the vehicle is unlocked using the remote control.

If the vehicle is unlocked with the emergency key (see p. 86), the instrument cluster must be switched on within 15 seconds to prevent the anti-theft alarm from sounding.

On vehicles equipped for some export markets, the alarm is triggered as soon as the door is opened with the emergency key. To deactivate the alarm, switch on the instrument cluster.

The alarm is programmed to sound for a fixed time, after which it will stop operating.

To prevent the alarm from triggering, disable the interior monitoring system and the tow-away alarm (see p. 100).



### Note

The anti-theft alarm system cannot be armed if the central locking system is inoperative.

## Turn signal operation when the doors are unlocked/locked

---

The turn signals flash twice when the doors are unlocked with the remote control key.

The turn signals flash once when the doors are locked with the remote control key.

If the turn signals do not flash when the vehicle is locked, this means that one of the doors, the luggage compartment lid or the engine hood is open, or that the radio signal from the remote control key has not reached the vehicle (for example, because of a malfunction). Close all doors and hoods firmly, and lock the vehicle with the remote control key to arm the anti-theft system.



### Note

If the vehicle was locked with the central locking switch while the luggage compartment was open, and if the remote control key is then placed in the luggage compartment and the luggage compartment lid is closed, the turn signals will flash and the central locking system will be disabled.

## Unlocking and locking the doors from the outside with the remote control key

---

### To open the doors with the remote control key:

- Press the button (2 - Fig. 52 - see p. 93) on the remote control key
- The doors will unlock
- The handles are released to make it easier to open the doors
- Open the door with the outside handle

**WARNING!**

**Before opening or closing the doors, be especially careful to check that there are no obstacles in the vicinity which, if hit by a door, could damage the vehicle or cause injury or damage to persons or property. This could lead to accidents, serious injury or death!**

**Important!**

The window release button is pushed simultaneously when the door is opened. This lowers the window a few inches to allow the door to be opened more easily. Be very careful not to allow the door to strike anything that could damage it as it opens, and also make sure that the door itself will not injure persons or damage property.

**Note**

The handle can be closed by pressing on it gently. However, the vehicle will not lock.

**To lock the doors with the remote control key:**

- Select the parking mode (P) (see p. 169)
- Close both the doors
- Press the button (1 - Fig. 52 - Pag. 93) on the remote control key
- The doors will lock
- The handles will be secured

**WARNING!**

**Crushing hazard: people or animals may become caught or crushed if they are within the doors' range of movement. When the doors are moving, make sure that there are no people or animals within their range of movement.**

**Note**

If the key is disabled, the remote control must be resynchronized (see p. 92).

**Important!**

If the button (1 - Fig. 52 - see p. 93) on the remote control key is pressed while the doors are open, they will lock automatically when they are closed. The turn signals flash twice when central locking switch is used.

- Make absolutely sure that nobody is trapped inside the vehicle.
- Do not lock the keys in the vehicle.

**Important!**

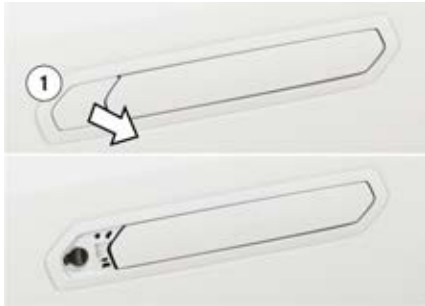
- The vehicle will lock again automatically if a door is not opened within several seconds after the doors are unlocked with the remote control key.
- About a minute after you leave the vehicle with the instrument cluster off, the outside handles will be secured. However, the vehicle will remain unlocked.
- If the vehicle is not locked, it can be opened from the outside by pulling a handle

**WARNING!**

**Never leave children, persons with disabilities, the elderly or animals unattended in the vehicle. They may not be able to exit and, remaining trapped in the vehicle, be exposed to the resulting risks (overheating, panic, etc.). Accidents, serious injuries or death may result!**

## Opening and closing the driver door with the foldaway key or the emergency key

If the central locking system malfunctions or the battery is dead, the driver door can be locked and unlocked by inserting either the emergency key or the foldaway key into the door lock, which is located under the door lock protection plate.



**Fig. 46** Door lock protection plate.



**Fig. 47** Using the key to open and close the door.



### Note

If the vehicle is unlocked with the foldaway key or the emergency key, the instrument cluster must be switched on within 15 seconds to prevent the anti-theft alarm from sounding.

On vehicles equipped for some markets, the alarm is triggered as soon as the door is opened with the foldaway key or the emergency key. To deactivate the alarm, switch on the instrument cluster.

### To open the door

- Slide the door lock protection plate (1 - Fig. 46) by pulling it outward in the direction shown by the arrow
- Insert either the foldaway key or the emergency key into the door lock
- Turn the key counter-clockwise to the opening position (A - Fig. 47)
- Depending on how the central locking system is set, either the driver door or both doors (see p. 90) will be unlocked
- Pull the handle (2 - Fig. 47) to open the door
- To prevent the anti-theft alarm from going off, switch on the instrument cluster within 15 seconds from the time the door is opened



### Note

- If the remote control key malfunctions, the vehicle can be started with the emergency key (see p. 97).
- If the battery is dead, charge the battery (see p. 322).

### To lock the door

- Turn the key clockwise to the locking position once (B - Fig. 47)
- Depending on how the central locking system is set, either the driver door or both doors will be locked, and the break-in prevention feature will be activated
- The interior lights connected to the switch on the door will turn off

- If you wish to lock the vehicle without activating the break-in prevention feature, turn the key to the locking position B a second time within 2 seconds.



**WARNING!**

**Crushing hazard: people or animals may become caught or crushed if they are within the doors' range of movement. When the doors are moving, make sure that there are no people or animals within their range of movement.**



**WARNING!**

**Never leave children, the disabled, the elderly or animals unattended in the vehicle. They may not be able to exit and may therefore remain trapped in the vehicle, with all the risks that result (overheating, panic, etc.). Serious injuries or death may result!**



**Important!**

- When the foldaway key or emergency key is used to open the door, the window will not automatically be slightly lowered and moved away from its weatherstripping. Use caution when opening the door using the foldaway key or emergency key.
- The anti-theft system will not arm when the door is locked with the emergency key or the foldaway key.

## Opening the doors from the inside using the door pull



Fig. 48 Interior door release door pull.

### To open the doors

- Pull the door pull (1 - Fig. 48) to unlock the door
- Push on the door to open it



**Note**

When the door has been locked with the remote control and is then opened from the inside, the alarm sounds.




**WARNING!**

**The window release button is pushed simultaneously when the door is opened. This lowers the window a few inches to allow the door to be opened more easily. Be especially careful that there are no obstacles in the vicinity which could damage the vehicle and that the door itself will not injure or damage persons or property. Injuries or death may result!**

## AUTO LOCK (Automatic lock)

---

The AUTO LOCK (Automatic lock) feature locks all the doors as soon as vehicle speed exceeds approx. 3 mph.

To get out of a vehicle that has been automatically locked, push the  button on the central locking switch or pull one of the door handles.



### Note

- When AUTO LOCK is operating, the outside handles lock automatically once the vehicle exceeds approximately 3 mph. The AUTO LOCK function (automatic lock) can be disabled (see p. 90).
- When the vehicle travels at speeds exceeding 3 mph, the external door handles lock, and the vehicle cannot be opened from the outside.
- In the event of a collision or accident, the doors will automatically unlock to allow emergency personnel to gain access to the passenger compartment.

## Central locking switch

---



The central locking switch can be used to lock and unlock the vehicle from the inside.




Fig. 49 Driver's door: central locking switch.

A central locking switch is located on both doors of the vehicle.

### To lock the doors

- Press  (Fig. 49) (=> )
- The outside handles will be secured

### To unlock the doors

- Press  (Fig. 49)
- The outside handles will release

When the vehicle is locked using the central locking switch, keep the following points in mind:

- The doors cannot be unlocked from the outside (for example, for greater safety when stopped at traffic lights)
- The doors can be unlocked and opened from the inside by pulling the interior door handle once
- If one door is open, it cannot be locked using the central locking switch, which prevents the vehicle from being locked by mistake. The central locking switch can be used only if all doors and the engine hood are correctly closed
- It can be used if the luggage compartment lid is open.
- The LED in the central locking switch lights up if all the doors are closed and locked



#### Important!

If an accident occurs and the airbags inflate, the doors will automatically unlock to allow emergency personnel to gain access to the passenger compartment.



#### Note

If a key is left inside the luggage compartment and the lid closed when the vehicle is locked, the lid will reopen automatically and the turn signals will flash once as a warning.



#### Note

The central locking system will lock automatically as soon as vehicle speed exceeds 3 mph (see p. 88). The vehicle can be unlocked with the central locking switch.



#### Important!

- The central locking switch operates even when the instrument cluster is off. All the doors on the vehicle are locked when the switch is pressed. The central locking system is disabled when the vehicle is locked from the outside. Danger!
- The central locking switch can be used to close all the doors automatically from the inside.



#### WARNING!

- **Improper use of the central locking system can cause serious injury or death!**
- **Locking the doors from the inside can help avoid unintended door opening during a collision and can also prevent unwanted entry from the outside.**
- **Nonetheless, locked doors make it harder for emergency personnel to intervene in the event of an emergency: the result may be fatal!**
- **Never leave passengers in the vehicle when it is locked. Never leave children, the disabled, the elderly or animals unattended in the vehicle. If persons left unattended in the vehicle lock the doors with the central locking switch, they could become trapped in the vehicle if there is an emergency situation. In such an event, the people trapped inside the vehicle might not be able to get out. Persons and animals left unattended could also become exposed to very high or very low temperatures. Injuries or death may result!**
- **Heat build-up in the passenger and luggage compartments of a parked vehicle can lead to extremely high temperatures which can rapidly rise to levels that may cause loss of consciousness or death. Young children are even more vulnerable to this risk.**
- **In case of an emergency, assistance to vehicle occupants from the outside may be delayed if the doors are locked.**

Applies to vehicles with: multimedia system

## Programming the central locking system

Using the Multimedia System, the driver can program the central locking system to unlock one or both doors automatically.

### Unlock driver door

When this function is enabled, only the driver door will unlock when the unlock button is pressed once on the remote control key.

To unlock both doors, press the unlock button twice on the remote control key.

When the vehicle is locked, all the doors will lock automatically.

### Programming the central locking system:

- Access the Vehicle Settings menu by pressing the button depicting the vehicle
- Select **Doors and mirrors**
- Press the **Unlock doors** button on the menu and select **Driver** if you wish to unlock only the driver door or **All** if you wish to unlock both doors

## Keys

### Description



Fig. 50 Set of keys, and ID plate with lock code.



Fig. 51 Master key (remote control with foldaway key).

- To remove and reinsert the key, press the release button (3 - Fig. 51) (=> ⚠)

The vehicle is supplied with:

- two foldaway master keys with remote control (1 - Fig. 50)
- an emergency key with adapter (2 - Fig. 50)
- two keys for the locks on the hood and luggage compartment lid



### Remote control key

The remote control key is used to lock and unlock the vehicle, to turn the instrument cluster on and off, and to start the engine.

### Emergency key

The emergency key is not designed for everyday use, but is used to replace the remote control key. The emergency key should only be used under special circumstances; for example, if the remote control key is broken or lost. It is a good idea to keep it in a safe place and not on a key ring.

### Key for locks on the hood and trunk

One key is located in a special compartment underneath the instrument panel on the driver side (see p. 301). The second key is located inside the tool bag (see p. 364).

### If you lose a key

If you lose a remote control key, see an Authorized Lamborghini Dealer and have the key deactivated. Take the other keys of the vehicle with you. It is also important to notify your insurance company if a key is lost.



#### WARNING!

- **Always take the key with you when you leave the vehicle, even for only a moment. If left in the vehicle, the key could be used to start the engine and operate vehicle systems and poses a safety risk as well as a risk of vehicle theft.**
- **Never leave children, the disabled, the elderly or animals unattended in the vehicle. They could lock the doors with the central locking switch. This could result in people being trapped in the vehicle in an emergency. In such an event, the people trapped inside the vehicle might not be able to get out and could be exposed to very high or very low temperatures. The result may be fatal! Heat build-up in the passenger and luggage compartments of a parked vehicle can lead to extremely high temperatures which can rapidly rise to levels that may cause loss of consciousness or death. Young children are even more vulnerable to this risk!**



#### WARNING! (continued)

- **Never remove the key from the ignition lock while the vehicle is moving or rolling to a stop. The steering wheel may lock and it would be impossible to control the vehicle.**
- **If the vehicle is locked from the outside and the break-in prevention feature is armed, no one should remain in the vehicle, including children and animals. The doors and windows can no longer be opened from the inside. Locked doors make it harder for emergency personnel to intervene in case of emergency. The result may be fatal!**



#### Important!

Never leave your vehicle unattended with the key in the ignition.



#### Note

To prevent unauthorized persons from obtaining duplicate keys, never keep the secret code in the vehicle. Instead, keep it in a safe place.

Applies to vehicles with multimedia system

#### Enabled keys

The multimedia system can be used to check how many keys are enabled for the vehicle:

- Access the Vehicle Settings menu by pressing the button depicting the vehicle
- Select **Initialized keys**

## Remote control

### Description

---

*The remote control unlocks and locks the vehicle without using the key.*

The remote control transmitter and the battery are located in the remote control portion of the key.

The receiver, on the other hand, is inside the vehicle. The maximum range of the remote control depends on a number of factors. The range of the remote control transmitter is reduced when the battery is low.

The foldaway emergency key (2 - Fig. 54 - see p. 95) is used to lock or unlock the vehicle manually if the remote control malfunctions or if the battery is dead.

If the remote control receiver is repaired or replaced, or if a lost key is replaced, the system must be reprogrammed by an Authorized Lamborghini Dealer. The remote control system will operate only after this procedure is completed.

The (radio-control) remote control complies with all type-approval standards and requirements in the countries where the vehicle is sold.



#### Note

- The remote control system and the anti-theft alarm system are automatically deactivated when the instrument cluster is switched on.
- Sometimes, the remote control system may not operate properly due to temporary interference from nearby radio signals in the same frequency range (for example, from a cell phone or TV

transmitter).

- If a remote control is accidentally left inside the vehicle and the vehicle is locked with a second remote control, the remote control in the vehicle will be temporarily disabled. To enable it, it must be resynchronized (see p. 95) or, you can lock the vehicle again with the second remote control and then open it with the first remote control.

#### Disabling of a remote control key

If the vehicle is locked when a master key (A) and another master key (B) are inside the vehicle, key (B) will be disabled.

To reenable key (B), proceed as follows

- start the engine or
- unlock and lock the vehicle or
- move the key next to the transponder (15 - Fig. 1 - see p. 16)

If key (B) is disabled when the instrument cluster is switched on, and key (A) is not in the vehicle, the following message will appear on the instrument cluster

**Key not recognized. Hold back of key against marked area. See owner's manual**

## Locking and unlocking the vehicle





Fig. 52 Key with remote control: functions of the buttons.




### WARNING!

If the vehicle is left with the transmission in neutral (N), the doors cannot be locked with the remote control key, since the parking mode (P) must be engaged (see p. 169).

### Unlocking the vehicle


- Press the  button (2 - Fig. 52) for around 1 second to unlock the driver door
- Press the  button again for around one second to unlock the passenger door as well

Applies to vehicles with: multimedia system

If the central locking system is set to open both doors (see p. 90), simply press the  button once.

### Locking the vehicle

- Press the  button (1 - Fig. 52) for around 1 second

The turn signals will flash twice when the vehicle unlocks. When the vehicle is unlocked with the  button, the vehicle will lock again automatically if a door is not opened within a few seconds. This feature prevents the vehicle from remaining unlocked accidentally.




### Note

If the key is disabled, the remote control must be resynchronized (see p. 92).




### Important!

If the  button is pressed while the doors are open, they will lock automatically when they are closed. The turn signals flash twice when central locking switch is used. Do not leave any persons or animals unattended inside the vehicle. Do not lock the keys in the vehicle.



### WARNING!

If the  button is pressed while the doors are open, they will lock automatically when they are closed. The turn signals flash twice when central locking switch is used.

If the switches above the inside rear view mirror (2 - Fig. 65 - see p. 109) are in the courtesy light position, the interior lights automatically turn on when the doors are unlocked and turn off when the doors are locked.



### WARNING!

- Always take the key with you when you leave the vehicle, even if you will be gone for a short time. The key could be used to start the engine and operate vehicle systems such as the power windows or unauthorized use of the vehicle.
- Never leave children, the disabled or animals unattended in the vehicle. They could lock the doors with the central locking switch. This could result in people being trapped in the vehicle in an emergency. In such an event, the people trapped inside the vehicle might not be able to get out and could be exposed to very high or very low temperatures. The result may be fatal!
- Heat build-up in the passenger and luggage compartments of a parked vehicle can lead to extremely high temperatures which can rapidly rise to levels that may cause loss of consciousness or death. Young children are even more vulnerable to this risk.
- Never remove the key from the ignition lock while the vehicle is moving or rolling to a stop. The steering wheel may lock and it would be impossible to control the vehicle.
- If the vehicle is locked from the outside and the break-in prevention feature is armed, nobody must remain in the vehicle - especially if they are children - because the doors and windows can no longer be opened from the inside. Locked doors make it harder for emergency personnel to intervene in case of emergency. The result may be fatal!



### Important!

- Never leave the vehicle unattended with the key in the ignition lock. The vehicle could be damaged or stolen. Always take the keys with you when you leave the vehicle.



### Note

- The remote control should be used only when the vehicle is within sight.
- Pressing the center button causes the hazard lights to flash.
- For the Declaration of Compliance with the standards of the United States FCC (Federal Communications Commission) and Industry Canada, see the paragraph, "Declaration of Compliance - Telecommunication and Electronic Systems".

### LED in the remote control key

*The remote control key is equipped with a LED that provides information on the operation of the remote control unit.*



Fig. 53 LED in the key with remote control.

When any button on the remote control key is pressed, the LED flashes. If one of the buttons is pressed for a few seconds (open/close), the LED flashes a number of times.




If the LED does not flash and the following message appears

### Change key battery

The battery in the remote control is dead and must be replaced (see p. 96).

### Synchronizing the remote control

*If the remote control system fails to unlock the vehicle, the system must be synchronized.*

- If the vehicle will not unlock, unlock it by inserting the key into the lock on the driver door
- Press the unlock button  on the remote control
- Lay the ignition key on the key recognition system and switch on the instrument cluster while holding down the unlock button on the key
- Switch off the instrument cluster and remove the key from the key recognition system
- Press the unlock button  or the lock button 

### Foldaway key



**Fig. 54 Remote control key: foldaway key.**

To remove the remote control key:

- Press the unlock button (1 - Fig. 54)
- Remove the key (2 - Fig. 54) from the remote control by pulling outwards

Using the foldaway key, you can:

- Lock and unlock the glove box on the passenger side (see p. 130)
- Lock and unlock the doors on the vehicle, if this cannot be done with the remote control key (see p. 86)



#### Important!

The anti-theft system will not arm when the vehicle is locked with the foldaway key.

## Replacing the battery in the key

Every master key contains a round-cell battery (button-shaped type CR2032 or equivalent), which is located in the transmitter.



**Fig. 55 Separating the electronics in the master key.**

We recommend having the battery replaced by an Authorized Lamborghini Dealer.

However, if you decide to change the used battery yourself, proceed as follows:

- Remove the emergency key (see p. 95) from the remote control key.
- Press the unlock button (1 - Fig. 55) of the battery holder and remove the holder from the remote control key by pulling in the direction shown by the arrow.
- When installing the battery, make sure that the “+” symbol on the battery is facing downwards. The correct polarity of the battery is also shown on the transmitter housing.
- Slide the battery holder back into the remote control key very carefully.
- Reinstall the emergency key.



### WARNING!

- **This product contains button cell batteries. Swallowing a button cell battery can cause serious internal burns within only 2 hours and may result in death.**
- **Keep new batteries and ones that have been removed from the product out of reach of children. If it is not possible to close the battery compartment securely, stop using the product and keep it out of reach of children. If you suspect that a battery may have been swallowed or could be inside a person's body, contact a doctor immediately.**



### Note

- The new battery must be the same type as the original.
- For the Declaration of Compliance with the standards of the United States FCC (Federal Communications Commission) and Industry Canada, see the paragraph, “Declaration of Compliance - Telecommunication and Electronic Systems”.



### Protecting the environment

- Dispose of the used battery properly and in accordance with local laws and regulations.
- Special waste treatment may be required for the disposal of the remote control key batteries. Please check and comply with local regulations for the disposal of used batteries.
- The batteries in your remote control key may contain perchlorate material. Special treatment may be required. Log on to [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).

## Starting the engine using the emergency key

If the remote control key malfunctions, the vehicle can be started with the emergency key.



Fig. 56 Inserting the emergency key into the adapter.

### To start the vehicle with the emergency key:

- Get the adapter supplied with the set of wrenches (1 - Fig. 56)
- Insert the emergency key (2 - Fig. 56) all the way into the adapter. The Lamborghini logo must point upwards
- Press the emergency key downwards into the adapter (3 - Fig. 56) until you hear a click
- Lay the emergency key with the adapter on the key recognition system (1 - Fig. 104 - see p. 157) and press the brake pedal
- Press the START ENGINE STOP button to start the engine

## Replacement keys

If replacement keys are needed:

- For security reasons, contact an Authorized Lamborghini Dealer.
- Specify the secret code of the key.

If a key is lost or broken, take the vehicle to an Authorized Lamborghini. Be sure to bring the spare key or the ID plate with the secret code.

It is also important to notify your vehicle insurance company if a key or the plate is lost.

If the vehicle is sold, make sure you give the key duplication code to the new owner.

## Electronic Immobilizer

*The Immobilizer prevents unauthorized persons from starting the vehicle.*

When the instrument cluster is switched on, the data stored in the key is inspected automatically.

If an unauthorized key is used, the **SAFE** message will be shown. When this occurs, the engine cannot be started.

The grip of the key contains a chip that automatically activates the Immobilizer when the key is outside the range of the Immobilizer receiver.

As soon as the key is moved closer to the vehicle and is again within the range of the receiver, the Immobilizer is disabled.



### Note

- The engine can be started only with the original Lamborghini key coded for the vehicle.
- If there is another ignition key from a different make of vehicle on the same key ring, it may not be possible to start the engine with the Lamborghini key.
- If the Immobilizer is not operating properly, **SAFE** will appear.
- Keys with control contain electronic components. Avoid moisture and impact to prevent damage.
- Never leave a key with remote control inside the vehicle. The vehicle may be stolen or damaged. Always take the keys with you when you leave the vehicle.
- If the battery in the key is dead, the door can still be opened with the key. Lay the key on the key recognition system (1 - Fig. 104 - see p. 157) to have it recognized by the Immobilizer and allow the engine to start. The alarm may sound for a few seconds until the key is recognized.

## Anti-theft alarm system

### Description

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*The system triggers an audible and visible alarm when it recognizes an unauthorized entry into the vehicle.*

The anti-theft alarm system is designed to prevent the vehicle from being broken into or stolen.

### Arming the anti-theft system

The anti-theft alarm system is armed automatically when the vehicle is locked using the remote control key. The system is armed approx. 30 seconds after the vehicle is locked.

### Disarming the anti-theft system

The anti-theft alarm system is disarmed when the vehicle is unlocked using the remote control, or when it is unlocked using the emergency key or the foldaway key, and the instrument cluster is switched on within 15 seconds. The alarm will switch itself off when it reaches the end of its programmed operating cycle.

### Activation of the anti-theft system

The anti-theft alarm system monitors the following areas on the vehicle:

- Luggage compartment
- Doors
- Degree of vehicle tilt
- Starter
- Multimedia system (if installed)
- Passenger compartment (see p. 100)
- The alarm is triggered immediately if a battery cable is disconnected when the alarm system is armed. If the luggage compartment lid is unlocked and opened while the alarm system is armed, the alarm will be triggered immediately



### Deactivation of the anti-theft system

The anti-theft alarm system can be deactivated only by unlocking the vehicle with the remote control. The vehicle will lock itself again automatically if none of the doors are opened within 60 seconds after pressing the button on the remote control.

If the vehicle is unlocked by inserting the emergency key into the lock on the driver door, the passenger door will stay locked.

If the vehicle is unlocked by inserting the key into the lock on the driver door, the instrument cluster must be switched on within 15 seconds after the door is opened, in order to disable the anti-theft alarm. The alarm will go off if the instrument cluster is not switched on within 15 seconds.

### Doors correctly locked indicator

When locking the vehicle, the turn signals flash briefly to confirm that the doors are correctly locked.

If they do not flash, check the doors. If the doors are closed after the anti-theft alarm system has been armed, the turn signals will flash only at this point.

The turn signals flash twice when the vehicle is unlocked.

### LED indicator showing that the anti-theft alarm system is armed

After the vehicle has been locked, the LED located on the trim of the driver door will flash for about 30 seconds (first quickly, and then slowly). This shows that the anti-theft alarm system (including the interior monitoring system) is armed.

After the vehicle has been locked, if the LED comes on continuously for 30 seconds instead of flashing, the interior monitoring system is not operating properly.



#### Important!

If another remote control key is in the passenger compartment, the vehicle will not lock when the central locking switch is pressed.



#### WARNING!

**If the vehicle is locked from the outside and the break-in prevention feature is armed, no one should remain in the vehicle - especially if they are children - because the doors and windows can no longer be opened from the inside. Locked doors make it harder for emergency personnel to intervene in case of emergency. The result may be fatal!**



#### Note

- To be sure that the anti-theft alarm system is operating properly, make sure that all doors and windows are closed before leaving the area where the vehicle is parked.
- Never leave valuable items in the vehicle.
- After the vehicle is locked, if the LED in the door stays lit for around 30 seconds, either the anti-theft alarm or the central locking system is not operating properly. Contact a an Authorized Lamborghini Dealer as soon as possible and have the malfunction repaired.
- The anti-theft alarm system will not monitor the passenger compartment correctly unless the windows are closed.



#### Important!

Do not leave valuables such as laptops, smartphones, navigation systems, wallets, keys, etc. in the vehicle. Doing so makes the vehicle even more tempting to thieves. The anti-theft system cannot prevent break-ins or keep prowlers from trying to break in. The alarm is mainly designed to call attention to the vehicle and to deter thieves from getting into the vehicle, for example to remove the radio or destroy the steering lock.

## Interior monitoring system and tow-away alarm

The interior monitoring system is triggered if it detects movement inside the vehicle. The tow-away alarm system is triggered if the vehicle is moved from the outside. Both systems sound an alarm when they are tripped.



Fig. 57 Switch for disabling the interior monitoring system.

We recommend deactivating the system when:


- the interior monitoring system may detect movements caused, for instance, by an object moving inside the vehicle when it is locked.
- The vehicle must be towed or transported




### Note

The interior monitoring system and the tow-away alarm will stay off until the next time these alarms are armed.

## How to deactivate the interior monitoring system and the tow-away alarm

- Press the  button (1 - Fig. 57) located on the rear portion of the trim panel on the driver's door
- Lock the vehicle

If the interior monitoring system and the tow-away alarm have been disabled, the LED will light up in the  button in the pocket on the trim panel on the driver's door. When the vehicle is locked, the LED on the driver side trim panel will flash rapidly for about 3 seconds. After about 30 seconds, the LED will begin to flash slowly. The interior monitoring system and the tow-away alarm will automatically switch back on the next time the vehicle is locked.

## Power windows

### Controls

The driver can operate the power windows from the driver's seat



Fig. 58 Center console: power window controls.

Power window switches

1. Switch for power window on left side
2. Switch for power window on right side



#### WARNING!

**Crushing hazard: people or animals may become caught or crushed if they are within the power windows' range of movement. When the power windows are moving, make sure that there are no people or animals within their range of movement.**



#### WARNING!

- Always remove the ignition key whenever you leave your vehicle.
- Always take the key with you when you leave the vehicle, even if you will be gone for a short time. Never leave children unattended in the vehicle, especially if they have access to the ignition key. The key may be used to start the engine and operate vehicle systems such as the power windows, which may lead to serious injury or death!
- Remember that the power windows will continue to function until one of the doors has been opened.
- Be careful when closing the windows. To prevent serious injury or death, make sure that all objects and body parts are clear of a window as it closes.
- Never place anything on the windows or on the windshield that could interfere with driver vision.

The power windows are controlled by two-position switches.

#### To open the windows

- Press the switch until it reaches the first stop and hold it until the window reaches the desired position
- Pressing the switch briefly down to the second stop will open the window completely

#### To close the windows

- Pull the switch until it reaches the first stop and hold it until the window reaches the desired position
- Pulling the switch briefly up to the second stop will close the window completely



#### Note

The windows can still be opened and closed up to approximately 10 minutes after the instrument cluster is shut off. The window switches are deactivated only when a door is opened.

### Restoring correct power window operation

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*When the battery is reconnected, the limit switch on the power windows must be reactivated.*

Contact a an Authorized Lamborghini Dealer as soon as possible to restore correct power window operation.

## To see and be seen

### Exterior lights

#### Switching the lights on and off


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Fig. 59 5-key keypad.

#### External lights in the AUTO mode

Pull the AUTO button (1 - Fig. 59) and the parking lights and low beam headlights will turn on and off automatically as ambient brightness varies (for example, when darkness falls, if it rains, when the vehicle enters a tunnel, etc.)

When the parking lights are on, the  indicator light appears on the instrument cluster and a LED in the button (2 - Fig. 59) on the 5-switch array also lights up.

When low beam headlights are turned on, the  indicator lights up on the instrument cluster and the LED in the button (3 - Fig. 59) on the 5-switch array also lights up.

When the low beam headlights/parking lights are switched on, the following message is displayed

### Lights are on

#### To turn on the parking lights

- Pull the switch once (2 - Fig. 59).

#### To turn on the low beam headlights

- Pull the switch once (3 - Fig. 59) once

#### To turn on the high beam headlights

- Press the high beam headlight button (1 - Fig. 60 - see p. 105)

#### To turn off the lights

- Pull the switch once for the lights you wish to turn off

The low beam headlights operate only when the instrument cluster is on.


The headlights turn off and the parking lights switch on automatically as the engine is started and after the instrument cluster is switched off.

Applies to vehicles with multimedia system

#### Setting the automatic headlight activation mode

This feature is used to adjust the time at which the headlights are automatically switched on in AUTO mode


To set this feature

- Access the Settings menu by pressing the  button

- Select **External lighting**
- Set when the headlights should be switched on by pressing the **Automatic headlights** button and selecting the sensor's degree of sensitivity

Applies to vehicles without multimedia system


The the automatic headlight activation mode is programmed at the factory.

	<b>WARNING!</b>
<p><b>Always comply with the local traffic laws in force when using the lighting systems on the vehicle.</b></p> <p><b>Ensure that you are using sufficient lighting as required by the road conditions, weather and local traffic laws. Lighting helps ensure that you can see other vehicles and pedestrians and that you can see them.</b></p>	

The AUTO automatic headlight control system was developed to assist the driver. This system does not relieve the driver from the responsibility of making sure the lights are on - or of turning them on and off manually - to suit conditions of visibility and to comply with the applicable laws in force. In case of fog, for example, the lights may not turn on automatically. If visibility is not sufficient, press the button (3 - Fig. 59) to turn on the low beam headlights.



#### Important!

If the lights are on when the driver door is opened, the lights will stay on and the  warning light on the instrument cluster will light up. Also, a buzzer will sound as long as the driver door stays open. Leaving the lights on will discharge the battery!



#### Note

- The sensor for the automatic headlight control system is built into the inside rear view mirror.
- Do not apply adhesive stickers on any objects in this area of the windshield.
- Certain features of the external lighting system can be customized (see p. 109)
- When the instrument cluster is switched off and the driver door is opened, the exterior lights (except for the parking lights) will turn off completely, if they are on.
- If the temperature is low or the humidity is high, the interior glass in the headlights or tail lights may fog up. When the lights are switched on, this problem will mostly or completely disappear quickly.

#### Headlight adjustment

The beam of light projected by the low beam headlights is asymmetrical. The area of the road around the shoulder is more strongly illuminated. When traveling through a country where you drive on the opposite side of the road, the headlights of your vehicle may blind oncoming traffic if they are not properly adjusted.



#### WARNING!

**When you are traveling through a country where you drive on the opposite side of the road to your own country, the headlights will blind oncoming traffic. An accident may occur!**

Applies to vehicles with multimedia system

#### Light settings for left-hand driving

The multimedia system can be used to adjust the distribution of projected light based on the side of the road on which you will be driving.

- Access the Settings menu by pressing the  button
- Select **External lighting**

- Set the **Lights for left-hand driving** by activating or deactivating the relative cursor

Applies to vehicles without multimedia system

The projected light distribution is set in the factory; to have it modified, contact an Authorized Lamborghini Dealer .

Applies to vehicles with: dynamic lights management

#### Dynamic lights management

*The adaptive headlight function is operational only if the light switch is in the AUTO position (1 - Fig. 59 - 102).*

#### Distribution of projected light based on speed

Projected light is distributed based on speed and therefore adapts to driving in residential areas, on highways or on freeways.



#### WARNING!

- **The automatic control system for the running lights was developed to assist the driver. It does not relieve the driver from the responsibility of making sure the lights are on and of turning them on and off manually depending on road and weather conditions and to ensure the driver has sufficient visibility: Fog alone, for example, may not diminish ambient brightness enough to turn the lights on automatically. In such cases, and in any conditions when visibility is impaired, always turn on the low beam headlights.**
- **Always follow local laws, road and weather conditions when using the lighting systems on the vehicle.**



#### WARNING!

**In order not to blind following vehicles, the rear fog light must only when local traffic laws allow its use.**


Applies to vehicles with: daytime running lights

### Daytime running lights (DRL) (not available in certain markets)

*The daytime running lights come on automatically when the instrument cluster is switched on.*

Applies to vehicles with multimedia system

#### Setting the daytime running lights

- Access the Settings menu by pressing the  button
- Select **External lighting**
- Set the **Daytime running lights** by activating or deactivating the relative cursor

Applies to vehicles without multimedia system

The daytime running lights are programmed at the factory.



#### Note


Due to laws in force in the countries where the vehicle is sold, the (DRL OFF) button that disables the daytime running lights may not be installed.

### High beam headlight ON button



Fig. 60 High beam headlight ON button.

#### To turn on the high beam headlights


- Turn on the low beam headlights
- Hold down the button (1 - Fig. 60) to turn on the high beam headlights. The  indicator light on the instrument cluster will light up
- Hold down the button again to turn the high beam headlights off

#### Flashing with the high beam headlights

- Briefly press the button (1 - Fig. 60)



#### Note

The high beam flasher works even when the headlights are off. The high beam indicator light  on the instrument cluster will light up.



#### WARNING!

**Improper use of or flashing your full-beam headlights may blind and distract other motorists, which can cause accidents, serious injuries and/or death.**

- **Never use the headlight flasher or the high beam headlights when they can blind or distract other motorists. Follow applicable laws related to the use of high beam headlights.**
- **When changing lanes, always use the turn signals to alert other drivers.**



#### Important!

Use the high beam headlights and the headlight flasher only when permitted by law and when it will not blind or impact the driving of other road users. Always obey local traffic laws regarding the use of high beams.

## Rear fog light

*The rear fog light can be switched on only when the low beam headlights are on.*




Fig. 61 5-key keypad: rear fog light switch.

#### To switch on the rear fog light

Pull the  switch (1 - Fig. 61).

#### To switch off the rear fog light

Pull the  switch (1 - Fig. 61).

The  indicator light comes on when the rear fog light is on.



#### WARNING!

**To avoid blinding the traffic behind you, switch on the rear fog light only when there is limited visibility.**



## Instrument lights

The basic brightness level of the instrument cluster, the center console and the keypads can be adjusted to suit your needs.



**Fig. 62 5-key keypad: brightness adjustment for instrument lights.**

The brightness of the instruments can be adjusted when the lights are on.

- Press the switch (1 - Fig. 62) to increase brightness
- Pull the switch (1 - Fig. 62) to decrease brightness

A device built into the instrument cluster adjusts its lighting, that of the center console and the keypads. When the ignition is on and the lights are turned on, the dials and needles on the instrument cluster light up.



### Important!

The brightness of the instrument cluster is automatically corrected to the greatest degree when the brightness is set to minimum.



### Note


When the instrument cluster is switched on and the exterior lights are off, the dials on the instruments light up. The brightness of the dials decreases as exterior brightness increases.

## Emergency signal



Use the emergency signal to make other road users aware of your vehicle in emergency situations.



**Fig. 63 Center console: emergency flasher switch.**

- To turn the emergency signal on and off, pull or press the  switch (1 - Fig. 63).

All the turn signals on the vehicle flash at the same time when the emergency signal is on.

The  turn signals and the indicator light under the  switch will also flash. The emergency signal operates even when the instrument cluster is off.

The emergency signal switches on automatically during sudden stops. A lane change can be signalled by turning on the appropriate turn signal. If the emergency signal is active when the turn signal is turned on, the emergency signal is interrupted for a short time, until the turn signal is deactivated.



#### WARNING!

**A vehicle stopped on a highway can be struck by other vehicles, which increases the risk of serious injury or death.**

- **If the engine shuts down unexpectedly because of a malfunction or if you decide to shut it down because of a possible malfunction, switch on the emergency flashers, move the vehicle a safe distance off the road, shut off the engine and use the emergency triangle or other signaling devices to warn other motorists.**
- **Never park the vehicle in areas where the hot catalytic converter and exhaust system can come in contact with dry grass, brush, spilled fuel or other inflammable materials. These materials may catch fire.**



#### Note

Turn on the emergency flashers if (for example):

- You are approaching a line of vehicles.



- You have to stop because of a malfunction or an emergency.
- Your vehicle is being towed by another vehicle.
- In other dangerous situations.

## Turn signal switch



Fig. 64 Turn signal switch.

### To operate the turn signals

- Move the switch (1 - Fig. 64) to the right to switch on the right turn signal or to the left to switch on the left turn signal
- The  or  indicator will flash when the turn signal is operating
- The turn signals turn off automatically after a turn
- If the turn signal fails to switch off after a turn, press the switch (1 - Fig. 64)

The turn signals operate only when the instrument cluster is on.


Applies to vehicles with: Exterior lights

## Settings for the exterior lights

*The Coming home and Leaving home features are set on the Multimedia System display.*

Applies to vehicles with multimedia system

### Setting the Coming home/Leaving home function:

- Access the Settings menu by pressing the  button
- Select **External lighting**
- Choose **Coming home** and **Leaving home** by activating or deactivating the relative cursor

Both the Coming home and Leaving home functions are active when the light switch is in the AUTO position (1 - Fig. 59 - see p. 102).

### Coming home

If the Coming home function is active at night, the parking lights will light up to illuminate the surrounding area when the driver door is opened.

### Leaving home

If the Leaving home function is operating at night, the low beam headlights will light up to illuminate the surrounding area when the vehicle is unlocked.

Applies to vehicles without multimedia system

The **Coming home** and **Leaving home** functions are programmed at the factory.

## Passenger compartment lights

### Interior lights

*The lighting in the passenger compartment also includes reading lights for the driver and passenger.*



Fig. 65 Vehicle roof: interior lights.

### Light connected to door opening/closing

- Press the switch (1 - Fig. 65), the yellow LED turns on when the switch is on

### Reading light

- To turn the right and left-hand reading lights on and off, press one of the two switches (2 - Fig. 65)

If the light is set to turn on when the door is opened, it will turn on when the vehicle is unlocked or when a door is opened. The light also turns on when the instrument cluster is shut off and turns off approximately 30 seconds after the doors are closed. The light

switches off when the vehicle is locked or the instrument cluster is switched on.

If a door is left open, the light switches off after about 10 minutes to prevent the battery from discharging.

#### **Courtesy lights**

- The courtesy lights (3 - Fig. 65) light up the center console during driving. They turn on and off automatically

#### **Door clearance lights**

*These lights signal approaching vehicles that the door is open.*



**Fig. 66 Door: clearance light.**

The lights (1) and (2) turn on when the door is opened and shut off when the door is closed.

Applies to vehicles with: glove box

#### **Glove box light**



**Fig. 67 Glove box on the passenger side: interior light.**

- The glove box light switches on when the box is opened and switches off when the box is closed

## For better visibility

### Sun visors

The sun visors improve visibility and make driving safer.



Fig. 68 Sun visors.

The sun visors on the vehicle are equipped with courtesy mirrors protected by a cover (1 - Fig. 68).

## Windshield wipers and washers

### Windshield wipers

The windshield wiper controls are located on the steering wheel.




Fig. 69 Windshield wiper controls.

The windshield wipers are off when the instrument cluster is switched on.

Applies to vehicles with multimedia system

#### Automatic wiping

The multimedia system can be used to switch on and off the automatic wiping system, which is regulated by the rain sensor:

- Access the Settings menu by pressing the  button
- Select **Rain sensor**
- Set the **Automatic windshield wipers** by activating or deactivating the relative cursor

However, you can adjust the wiping speed or turn off the wipers as desired.

The delay between wipes also depends on the speed of vehicle travel.

Applies to vehicles without multimedia system

Automatic wiping is programmed at the factory.

### Changing the wiping interval

- Two wiping speeds are available. Move the windshield wiper switch (1 - Fig. 69) toward the right to increase wiping speed, or move it toward the left to decrease it

### Pulse wiping

- To clean the windshield quickly, briefly press the switch (2 - Fig. 69)

### Automatic wiper/washer cycle

- Hold down the button (2 - Fig. 69). The wipers will continue to operate for around 4 seconds

### Turning the wipers off

- Press the switch (1 - Fig. 69)

The wipers, washers and washer nozzles operate only when the instrument cluster is switched on.



### WARNING!

**Worn or dirty wiper blades will reduce visibility and increase the risk of accidents and serious injury or death! - see p. 114).**

- **Never use the windshield wiper/washer system in freezing weather without first defrosting the windshield. The washer fluid may freeze on the windshield and reduce visibility.**
- **Regularly clean the wiper blades, the windshield and all the windows.**



### WARNING! (continued)

- **Be sure to replace wiper blades that are worn or damaged, or which streak the windshield.**
- **Wiper blades that are dirty or worn decrease the effectiveness of the windshield wiper/washer system. Risk of accident!**
- **The rain sensor was developed to assist the driver. Its convenience does not relieve the driver of the obligation to turn on the windshield wipers when visibility and weather conditions require it.**
- **Never treat the windshield with water-repellent coatings. In conditions of poor visibility (such as dampness, sunrise/sunset or night driving) these coatings may cause dangerous glare. An accident may occur! Such coatings can also cause the wiper blades to shake and vibrate rapidly.**



### Important!

In icy conditions, always make sure that the wiper blades are not frozen to the glass before using the windshield wiper/washer system. If the wiper blades are frozen to the glass and the windshield wiper/washer system is operated, both the blades and the motor that powers the windshield wiper/washer system may be damaged.

To prevent damage to the windshield washer pump, do not operate the windshield wiper/washer system when the level in washer fluid tank is low. If the level in washer fluid tank is low, fill the windshield wiper/washer system (see p. 323).



### Note

On vehicles with heated windshield washer nozzles, heating is switched on only when the outside temperature is low and the instrument cluster is on.



#### Note

The windshield wipers shut off when the instrument cluster is shut off. To restart the windshield wipers, turn on the instrument cluster and move the wiper control to any position.

Be sure to check the condition of the wiper blades regularly: if they are dirty or worn, they could streak the windshield, and the rain sensor may not operate correctly.

The wiping speed automatically diminishes when the vehicle stops (for example, at a traffic light).

### Wiper blades

*In order to ensure you are able to see through the windshield sufficiently, you should always maintain the wiper blades in good working condition.*

Clean the wiper blades regularly with windshield washer solution to prevent streaking and smearing. Use a sponge or a cloth to clean stubborn dirt off the wiper blades, which may be deposited by precipitation or over-the-road operation.

Fill the windshield washer tank with windshield washer solution, which is commonly available on the market.




#### WARNING!

**Inspect the wiper blades regularly. Replace the wiper blades at least once or twice a year depending on vehicle operation and use. Contact a an Authorized Lamborghini Dealer to have the windshield wiper blades replaced. Only replace the wiper blades with blades of the same size.**

Applies to vehicles with multimedia system

#### Service position

- Access the Settings menu by pressing the  button
- Select **Windshield wipers service position**
- Choose **Service position** by activating or deactivating the relative cursor



#### Note

- The wiper blade can also be moved to the standard position by pressing the windshield wiper control.
- The service position can be useful for holding a cover over the vehicle or for keeping an ice protection system in place during the winter.

## Changing the wiper blades

The wiper blades must be maintained in perfect condition to see clearly through the windshield.

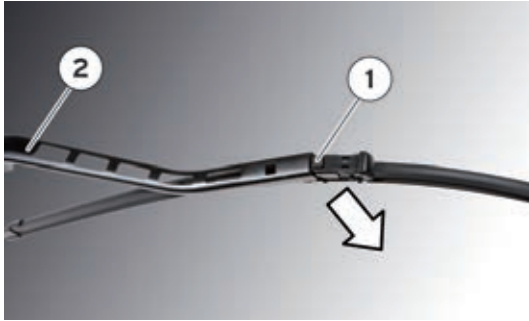


Fig. 70 Removing the wiper blade from the pivot on the wiper arm.



### WARNING!

To ensure safety, replace the wiper blades at least once or twice a year depending on vehicle operation.

Contact a an Authorized Lamborghini Dealer to have the wiper blades replaced

Replace the wiper blades with blades of the same size.

Sizes:

- driver's side 26.72 in.
- passenger's side 15.72 in.

## Removing a wiper blade

- Move the wiper blades to the service position (see p. 113)
- Lift the wiper arm off the windshield
- Grasp the wiper arm firmly (2 - Fig. 70) and press the latch (1 - Fig. 70) on the wiper blade
- Remove the wiper blade by pulling it out from the wiper arm in the direction shown by the arrow (Fig. 70)



### Important!

Do not lift the wiper blade completely as this can cause damage to the paint on the luggage compartment lid.

## Installing a wiper blade

- Lock the new wiper blade into the latch on the wiper arm (Fig. 70) by pushing on the blade until it clicks
- Lowering the wiper arm onto the windshield



### Important!

- To prevent damage to the wiper or the windshield, lower the wiper arm onto the windshield slowly with your hand.
- Avoid moving the vehicle when the wiper arms are lifted off the windshield. The wiper arms will move to the standard position when the vehicle is driven, which may damage the luggage compartment lid.



### WARNING!

The wiper blades should be cleaned regularly using windshield washer fluid to keep the windshield from smearing. Use a sponge or a cloth to clean the wiper blades in case of very persistent dirt, which may be caused by precipitation or over-the-road operation. This is important for good visibility!



## Rear view mirrors

### Inside rear view mirror with automatic anti-dazzle feature

*The inside rear view mirror is adjusted manually.*

The rear-view mirror is an essential driving aid; before driving off, make sure it is correctly positioned so that you may see the full visual field through the rear window. Just push it gently to adjust, but do not touch the glass so as not to leave smudges, until you obtain the correct view of the rear.

#### Anti-dazzle feature

The anti-dazzle feature automatically darkens the inside rear view mirror to a degree that depends on the amount of light (for example, from the headlights of vehicles behind the car) hitting the mirror.



#### WARNING!

**If a mirror breaks, it may release electrolytic fluid. This fluid may irritate the skin, eyes and respiratory tract. In case of contact with the fluid, immediately wash the affected area under running water. If necessary, see a doctor.**



#### Important!

Electrolytic fluid that has leaked from a broken mirror may damage surfaces made of plastic. Remove the fluid with a sponge or similar wipe as soon as possible.



#### Note

- If the beam of light hitting the inside rear view mirror is interrupted, the automatic anti-dazzle feature may not operate properly.

- When the interior lights are on, or when reverse is engaged, the mirror with automatic anti-dazzle feature will not darken.

### Outside rear view mirrors

*The outside rear view mirrors are adjusted electrically.*

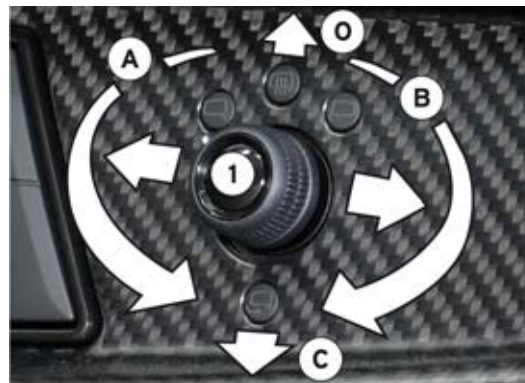


Fig. 71 Outside rear view mirrors control.

The outside rear view mirrors have a special anti-glare and anti-dazzle coating.

When the outside temperature falls below **68 °F** the rear view mirrors are automatically heated.

#### Adjusting the outside rear view mirrors

- Turn the knob (1 - Fig. 71) to position **A** (rear view mirror on driver's side) or to position **B** (rear view mirror on passenger's side)
- Press the knob in the direction you want the rear view mirror to go

### Retracting both outside rear view mirrors

- Rotate the knob to position **C**: both rear view mirrors will fold in toward the windows

It is a good idea to retract the outside rear view mirrors when parking or when maneuvering in tight spaces.

The outside rear view mirror will return to the open position when the knob is moved back to position **O**.

The outside rear view mirror will return to the open position when the vehicle reaches a forward speed of 9 mph or when the instrument cluster is switched off.

Applies to vehicles with multimedia system

If the outside rear view mirrors have been programmed to retract automatically using the multimedia system (see p. 117) system, the mirrors will fold back toward the windows automatically when the vehicle is locked using the remote control and will return to their previous position when the instrument cluster is switched on.

Applies to vehicles without multimedia system

Automatic retracting of the rear view mirrors is programmed at the factory.



#### WARNING!

**Always pay attention to and observe the distance between vehicles and other persons or objects when using the image on the driver's outside rear view mirror. Incorrectly estimating the distance can cause collisions, serious injury or death!**

- **Convex (curved surface) or flat rear view mirrors give a larger field of vision, but vehicles or other objects seen in a convex mirror look smaller and farther away than they really are.**



#### WARNING! (continued)

- **When changing lanes, if you use the outside rear view mirrors to judge the distance from vehicles behind you, you could estimate incorrectly and cause an accident.**
- **Whenever possible, use the inside rear view mirror to more accurately judge the distance and size of vehicles or other objects seen in the convex outside rear view mirror.**
- **Always make sure you have good rearward vision.**
- **When adjusting the mirrors, be sure not to let your fingers get trapped between the mirror and its base.**



#### Important!

If the rear view mirror has been moved accidentally from the outside, retract the mirrors electrically and not manually. Never retract the mirror housing manually. You may damage the mechanical components in the mirror.



#### Note

If the electrical adjuster fails to operate, the rear view mirrors can be adjusted by hand by lightly pressing the edge of the mirror glass.

Applies to vehicles with: multimedia system

## Setting the outside rear view mirrors to retract automatically

---

*The Multimedia system can be used to program the outside rear view mirrors to retract automatically.*

When this function is enabled, the outside rear view mirrors will retract automatically when the vehicle is locked using the remote control key.

### Setting the outside rear view mirrors to retract automatically

- Access the Vehicle Settings menu by pressing the button depicting the vehicle
- Select **Doors and mirrors**
- Set **Retract mirrors** by activating or deactivating the relative cursor

## Seats

### General warnings

---

The chapter entitled "Driving safely" contains important information, warnings and other information which you should carefully read and follow, for your own safety and the safety of the passenger (see p. 184).

## How to adjust the seats correctly

### Overview

---

*The seats should be adjusted to suit the occupants' size.*

It is particularly important to adjust the driver and passenger seats correctly in order to:

- Obtain maximum protection from the safety belts and airbags
- Reach the brake and accelerator pedals, the steering wheel and other controls quickly and safely
- Reduce driver fatigue

The following are specific instructions on how to adjust the seats.



#### **WARNING!**

**Crushing hazard: people, animals or objects may become caught or crushed if they are within the seats' range of movement. When the seats are moving, make sure that there are no people, animals or objects within their range of movement.**

**WARNING!**

The angle of the seatback on the sports seat with a monobloc shell cannot be adjusted.

**WARNING!**

- Carefully read and follow the instructions and warnings (see p. 186 - Correct seating positions).
- Always wear your safety belt! A driver or passenger who is not wearing a safety belt, is sitting in an improper position or in close proximity to an airbag could suffer severe injury or even death if the airbag inflates.
- To reduce the risk of severe injury or death:
  - Adjust the driver's seat to the correct position and make sure that the seatback is locked in place before starting to drive.
  - Before driving, make sure that the passenger seat is adjusted correctly and that the seatback is locked in place.
  - Never adjust the seats while the vehicle is in motion. The seats could move suddenly, and the driver could lose control of the vehicle.
  - If the driver or passenger releases the safety belt to adjust the seat while the vehicle is moving, he/she could be thrown forward and be seriously injured in case of a sudden stop or accident.
  - The National Highway Traffic Safety Administration and Transport Canada recommend that drivers allow 10 in. between the center of the steering wheel and the driver's chest.

**WARNING! (continued)**

- Always make sure that the passenger's seat is adjusted to be as far to the rear as possible in order to be the greatest distance possible from the instrument panel and a deploying airbag in the event of a collision.
- Always hold the steering wheel on the outside of the steering wheel rim, with your left hand at the 9 o'clock position and your right hand at the 3 o'clock position, to reduce the risk of personal injury if the driver's airbag inflates.
- Never hold the steering wheel at the 12 o'clock position or with your hands at other positions inside the steering wheel rim or on the steering wheel hub. Holding the steering wheel incorrectly can cause serious injuries to the hands, arms and head if the driver's airbag inflates.
- Your passengers must sit in an upright position. Never allow any part of their body to remain in close proximity to the airbags.
- To ensure that the airbag and safety belt systems are able to provide the maximum amount of protection possible, the driver and passenger must always keep their feet on the floor in front of the seat..
- The driver and passenger must never rest his or her feet on the seat, on the instrument panel or out the window, etc. The airbag and safety belt systems may not provide adequate protection if the vehicle occupants are out of position.
- A passenger who is not wearing a safety belt, is sitting in an improper position or too close to the airbag could be seriously injured or killed if the airbag inflates, as it does so with great force and in a fraction of a second.



#### WARNING! (continued)

- **The passenger seat is only designed to accommodate only one passenger at a time. Never allow more than one person to occupy the passenger seat.**
- **Safety belts only offer maximum protection when the seatback is securely locked in the proper position and the safety belts are properly and securely against the body. Incorrect posture and placement of the safety belt increases the risk of serious injury or death!**
- **Children must always be transported in an appropriate child restraint system. Special precautions must be taken when installing a child restraint on the passenger seat (Child Safety - see p. 228).**

### Driver seat

*Adjusting the seat correctly is important for safe driving. Sitting too close to a front airbag can result in serious injury or death if the front airbag inflates.*

Adjust the driver's seat based on the following parameters:

- Adjust the seat so that you can depress the brake and accelerator pedals completely without leaning forward and while still keeping your knees slightly bent.
- Adjust the backrest so that you are sitting upright and your entire back lies against the seat. You should be to grip the highest point on the steering wheel while still keeping your elbows slightly bent.

### Passenger seat

*The passenger seat should be adjusted as far rearward as possible.*

Adjust the passenger seat in the following way:

- Push the seat as far to the rear as possible (Overview - see p. 117)
- The seatback must be vertical, and the passenger should be able to rest their entire back against it
- The passenger should be able to rest their feet comfortably on the area of floor in front of the seat

Applies to vehicles with: Comfort seats

### Unlocking the seatback

Unlock the seatback to gain access to the rear area of the passenger compartment.



Fig. 72 Seatback release lever.

#### To tilt the seatbacks forward

- Lift the handle (1 - Fig. 72) upwards
- Tilt the seatback forward

#### To return the seatbacks to their normal position

- Push the seatback backward until it locks
- Make sure the passenger seatback is correctly locked

Applies to vehicles with: Comfort seats

### Adjusting the seats

The seat can be adjusted over a number of different positions.



Fig. 73 Controls for power seat adjustment.

#### Controls

1. Front-to-back, height, and thigh support adjustments
2. Lumbar support adjustment
3. Seatback tilt adjustment



#### WARNING!

Never adjust the seats while the vehicle is moving. The seat could move suddenly and the driver could lose control of the vehicle. If the driver or passenger releases the safety belt to adjust the seat, he/she could be thrown forward and be injured in case of a sudden stop or accident.

Applies to vehicles with: Comfort seats

### Seatback tilt adjustment



Fig. 74 Seatback adjustment switch.

- Move the switch (1 - Fig. 74) forward or rearward, as shown by the arrows, to adjust the tilt of the seatback



#### WARNING!

Never drive with the seatback overly reclined, because the safety belts and airbags will lose their effectiveness: your safety would be at risk! Reclining a seatback so that the shoulder part of the belt no longer rests against the occupant's chest reduces the protective capability of the belt. It also increases the chance of sliding under the belt in a crash and being seriously injured or killed. The farther the seatback is reclined, the greater the risk of injury.



#### Important!

When reclining the seatback, be careful not to let it strike the rear bench. They may be damaged when they come into contact with each other.

Applies to vehicles with: Comfort seats

### Front-to-back seat adjustment



Fig. 75 Switch for front-to-back and height adjustment of seat.

#### To move the seat forward or backward

Push the switch (1 - Fig. 75) forward or rearward in the direction shown by the arrows.



#### WARNING!

Never adjust the seats while the vehicle is in motion. The seat could move suddenly and the driver could lose control of the vehicle. If the driver or passenger releases the safety belt to adjust the seat, he/she could be thrown forward and be injured in case of a sudden stop or accident.



#### Important!

When moving the seatback rearward, be careful not to let it strike the rear bench. The bench may be damaged when the seatback rubs against it.

Applies to vehicles with: sports seats

### Front-to-back seat adjustment



Fig. 76 Manual controls on the sports seat.

- Gently pull the release lever (1 - Fig. 76) upwards and move the seat to the desired position
- Release the lever and continue pushing the seat until it locks



#### Note

Seatback incline or the angle of the seatback cannot be adjusted on models with sports seats.



#### WARNING!

**Never adjust the seats while the vehicle is in motion. The seat could move suddenly and the driver could lose control of the vehicle. A driver or passenger who unfastens their seat belt to adjust their seat could be thrown forward in case of a sudden stop or accident. This may result in injury or death!**



#### Important!

When the sports seat is adjusted so that it is in the position farthest from the wheel, it could rub against the rear bench. This rubbing could lead to aesthetic damage and/or noise.

Applies to vehicles with: seats with adjustable height

### Height adjustment

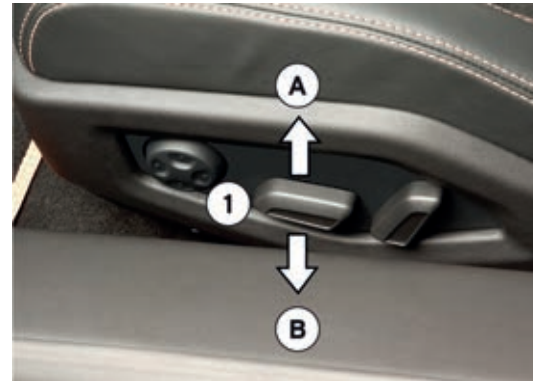


Fig. 77 Seat height adjustment switch.

#### To raise or lower the seat

- Push the switch (1 - Fig. 77) upward (A) or downward (B) to adjust the height of the seat as desired.



Applies to vehicles with: seats with lumbar adjustment

### Lumbar support adjustment



Fig. 78 Lumbar support adjustment switch.

The lumbar support is especially useful on long trips because it effectively supports the natural curve of the spine, thus reducing back fatigue.

#### To change the curvature of the lumbar support

- Press the front part of the switch (1 - Fig. 78) to increase the curvature
- Press the rear part of the switch (1 - Fig. 78) to reduce the curvature

#### To change the height of the lumbar support

- Press the upper part of the switch (1 - Fig. 78) to raise the curvature
- Press the lower part of the switch (1 - Fig. 78) to lower the curvature

Applies to vehicles with: seats with thigh support adjustment

### Thigh support adjustment



Fig. 79 Thigh support adjustment switch.

#### To change the tilt of the thigh support

- Press the front part of the switch downward (1 - Fig. 79) to lower the thigh support
- Pull the front part of the switch upward (1 - Fig. 79) to raise the thigh support

Applies to vehicles with: manual sports seats

## Adjusting the manual seat



Fig. 80 Controls for manual seat adjustment.

### Front-to-back adjustment

- Gently pull the lever (1 - Fig. 80) upwards and move the seat to the desired position
- Release the lever and continue pushing the seat until it locks

### Seat height adjustment

- Push the lever (2 - Fig. 80) downwards or pull it upwards multiple times until the desired position is reached

### Seatback adjustment

- Turn the knob (3 - Fig. 80) to adjust the seat angle



### WARNING!

- **Never adjust the seats while the vehicle is in motion. The seat could move suddenly and you could lose control of the vehicle. A driver or passenger who unfastens their safety belt to adjust their seat could be thrown forward if the car brakes suddenly. Risk of injury or death!**
- **Never drive with the seatback overly reclined because the safety belts and airbags will lose their effectiveness: your safety would be at risk!**



### Important!

When the sports seat is adjusted so that it is in the position farthest from the wheel, it could rub against the rear bench or the rear arch, if present. This rubbing could lead to aesthetic damage and/or noise.

## How to adjust the position of the steering wheel

The height of the steering wheel and its distance from the driver can be adjusted.



Fig. 81 Steering wheel adjustment lever.

- Push the lever (1 - Fig. 81) downwards to unlock the steering column
- Move the steering wheel to the desired position; that is, at the preferred height and distance from your body
- Now, push the lever upwards until it locks against the steering column
- Make sure the lever is tightly locked and does not protrude from the bottom cover on the steering column



### WARNING!

**Crushing hazard: people or animals may become caught or crushed if they are within the steering wheel's range of movement. When the steering wheel is moving, make sure that there are no people or animals within its range of movement.**



### WARNING!

**Improper use of the steering wheel adjustment system can cause serious injury. Both the safety belt and the airbag system are designed to provide you with a higher level of protection when the steering wheel is adjusted and positioned correctly.**

**To reduce the risk of serious injury and/or death:**

- **Never adjust the position of the steering wheel while the vehicle is in motion. Always adjust the position of the steering wheel when the vehicle is stopped and when the vehicle is in the Park position - not while you are driving. If you must make an adjustment after you have started driving, pull over to a safe place on the side of the road, stop your vehicle completely and make the necessary adjustment.**
- **It is important to adjust the driver's seat and the steering wheel so that at least 9.84 in. of space is left between your chest and the wheel.**
- **Although vehicle designs vary, many drivers can achieve the 9.84 in. distance simply by reclining the seatback somewhat. If reclining the back of your seat makes it hard to see the road, raise the seat if your vehicle has that feature.**
- **Never adjust the steering wheel so that it is pointed towards your head and neck. Always make sure it is pointed towards your chest.**



#### WARNING! (continued)

- Always hold the steering wheel on the outside of the steering wheel rim, with your left hand at the 9 o'clock position and your right hand at the 3 o'clock position, to reduce the risk of personal injury if the driver's airbag inflates.
- Never hold the steering wheel at the 12 o'clock position, or with your hands at other positions inside the rim or on the hub. Holding the steering wheel incorrectly can cause serious injuries to the hands, arms and head if the driver's airbag inflates.
- After adjusting the steering wheel, push the steering wheel adjustment lever firmly against the steering column. This ensures that the steering wheel will not change position suddenly while the vehicle is moving.

## Cigarette lighter and electric sockets

### Cigarette lighter / Electrical socket

*The 12 V socket for the cigarette lighter can also be used as a power source for electrical devices.*



**Fig. 82** Storage compartment with cigarette lighter/ electrical socket in the rear part of the center console.

Applies to vehicles with: smoke package

#### How to use the cigarette lighter

- Press the button on the cigarette lighter (1 - Fig. 82)
- Wait for the lighter to pop back out
- Pull out the lighter immediately
- Light your cigarette with the incandescent element
- Put the lighter back into the socket

The cigarette lighter operates with a standard 12 V outlet that can be used to power certain electrical devices that are compatible with a 12 V outlet.



#### **WARNING!**

**Improper use of the cigarette lighter, electrical outlets and electrical accessories can cause fire, burns and other types of serious injuries or death!**

- **Be careful when using the cigarette lighter! You may be seriously burned!**
- **Do not allow children to play with the cigarette lighter.**
- **Do not smoke while driving! Driving with a cigarette can interfere with visibility from the smoke and prevents the driver from keeping both hands on the wheel.**
- **Obey local laws regarding smoking when children are in the vehicle.**
- **Smoking in the car can damage the vehicle interior if there are burning embers.**

#### **Using the power outlet**

The standard 12 V outlet can be used to power certain electrical devices.

The power drawn must not exceed 100 W.

- Pull out the cigarette lighter (1 - Fig. 82), if the vehicle is equipped with the smoke package or raise the lid over the 12 V outlet
- Insert the plug on the electrical device into the outlet
- Make sure the device is turned off



#### **Note**

We recommend using the 12 V outlet only when the engine is running, to prevent the battery from discharging quickly.



#### **WARNING!**

**The power outlets supply power only when the instrument cluster is on.**

**Improper use of power outlets and electrical accessories can cause fire and serious injury.**

**Never leave children alone in the vehicle or allow children to play with the 12 V outlet.**



#### **Important!**

To prevent damage to the vehicle's electrical system, never connect electric power supplies such as solar panels or battery chargers that have not been authorized by Lamborghini to the 12 V outlets or cigarette lighter sockets.

A power outlet should be used as a power source for compatible electrical accessories only for short periods of time.

Use the proper size and shape plugs to avoid damaging the outlets. Using electrical devices when the engine is off may discharge the battery.

## Auxiliary power outlet



**Fig. 83 Auxiliary power outlet in the luggage compartment.**

The luggage compartment is equipped with a 12 V auxiliary power outlet for plugging in electrical accessories.  
The power drawn must not exceed 100 W.

- Flip the cover on the outlet downwards to open (1 - Fig. 83).
- Insert the 12 V plug on the electrical device into the socket.
- Make sure the device is turned off.



### Note

It is advisable to use the 12 V outlet only when the engine is running, to prevent the battery from discharging quickly.



### WARNING!

The power outlets supply power only when the instrument cluster is on.  
**Improper use of the electrical outlets and electrical accessories can cause fire, serious injuries or death!**  
**Never leave children alone in the vehicle or allow them to play with the 12 V outlet or any electrical outlets or accessories in the vehicle.**



### Important!

To prevent damage to the vehicle's electrical system, never connect electric power supplies such as solar panels or battery chargers to the 12 V outlets.  
A power outlet should be used as a power source for electrical accessories only for short periods.  
Use the proper plugs to avoid damaging the 12 V outlets.  
Operating electrical equipment connected to a 12 V outlet while the engine is off may quickly discharge the battery.

## Storage compartments

### Overview

Your Lamborghini is equipped with a number of storage compartments located throughout the vehicle.



#### Note

Depending on the version and configuration chosen by the customer, some of these compartments may be OPTIONAL.

Glove box on the passenger side .....	130
Rear storage compartment in the center console.....	131
Front storage compartment in the center console.....	131
Convenience nets.....	132
Cup holder .....	133
Ashtray .....	134



#### WARNING!

**Crushing hazard: people or animals may become caught or crushed if they are within the storage compartments' range of movement. When the storage compartment lids and doors are moving, make sure that there are no people or animals within their range of movement.**



#### WARNING!

Luggage or other items stored improperly may move around inside the vehicle and cause injury in a sudden stop or an accident. To reduce the risk of injury or death:

- Do not place any objects over or near the air bag on the instrument panel, because any such objects could cause harm to the occupants if the vehicle is in a crash severe enough to cause the air bag to inflate or deploy. If the airbags deploy, loose objects may be thrown around in the passenger compartment at high speed. Place all loose objects in the glove box or storage compartments. When the vehicle is moving (especially while accelerating or traveling around a curve), such objects could slide and fall, which may distract your attention from the road: you may cause an accident!
- Make sure that no objects are placed on the instrument panel. Make sure that all storage compartments are securely closed to prevent objects from becoming loose or ejected from the compartment while driving. If an object falls into the driver footwell while the vehicle is moving, it may not be possible to use the brake or accelerator pedals correctly.
- Always put luggage or other items in the luggage compartment or other suitable storage compartment.
- The space behind the seatbacks is not a storage compartment. Never put any objects in this space. Objects placed in this space could move around during driving and cause serious injuries or death, especially during hard acceleration, when driving around a curve or in case of accident!

Applies to vehicles with: glove box

### Glove box on the passenger side with lock

*The glove box on the passenger side is equipped with a lock and is illuminated.*



Fig. 84 Glove box on the passenger side with lock.

#### To open the glove box

- Pull the handle (1 - Fig. 84) and lower the door

#### To close the glove box

- Close the door and push on it until the lock latches shut



#### WARNING!

**Leaving the glove box open while driving increases the risk of serious or fatal injury in a sudden stop or accident:**



#### WARNING! (continued)

- **Always keep the glove box closed when the vehicle is moving.**
- **Loose items in the open glove box can be ejected and can move around the passenger compartment and cause serious injury or death!**



#### Note

The glove box can be locked and unlocked with the foldaway key or the emergency key (see p. 95).



### Rear storage compartment in the center console

The rear storage compartment (Fig. 82 - see p. 126) in the center console has been provided for storing small items and personal belongings. The cigarette lighter/electrical socket is inside the compartment.



#### WARNING!

The storage compartment on the center console is to be used only to store small items that do not protrude from the compartment and do not create a hazard to persons while driving.

### Front storage compartment in the center console



Fig. 85 Front storage compartment in the center console.

The front storage compartment (1 - Fig. 85) in the center console has been provided for storing small items and personal belongings.



#### WARNING!

The storage compartment on the center console is to be used only to store small items that do not protrude from the compartment and do not create a hazard to persons while driving.

Applies to vehicles with: Travel Package

## Convenience nets



Fig. 86 Rear convenience net.



Fig. 87 Convenience net on passenger side of center console.

Two convenience nets are provided in the passenger compartment - one in the rear of the compartment (1 - Fig. 86) and one on the passenger side of the center console (2 - Fig. 87). The convenience net can hold small objects and personal belongings.

There are also two non-slip mats for holding items located on the rear bench behind the seats.



### WARNING!

**The convenience nets should be used only for containing small objects that do not stick out and create a hazard while driving. Only items that fit comfortably within the net should be stored in the rear convenience net. Do not store heavy objects in the convenience net. In the event of sudden stops or collisions, items that have not been safely secured could cause serious injury or death!**

**Only items that fit comfortably within the net should be stored in the convenience net on the passenger side of the center console. In the event of sudden stops or collisions, items that have not been sufficiently secured could cause serious injury or death!**

Applies to vehicles with: Travel Package

## Cup holder



Fig. 88 Instrument panel with cup holder.

### Opening the cup holder

Press the cover (1 - Fig. 88) to bring out the cup holder.

### Closing the cup holder

Push on the cup holder until it disappears into the instrument panel. Make sure it snaps into place.



#### WARNING!

Improper use of the cup holder can cause injury.

- The cup holder can hold only one cup.
- To prevent spills, insert only suitably sized, reclosable containers into the cup holder.



#### WARNING! (continued)

- Do not place hot drinks in the cup holder while the vehicle is moving. During turns and in case of sudden stops or accident, the hot liquid could splash out and cause burns or loss of control of the vehicle!
- Make sure that bottles or other objects do not fall into the driver's footwell while the vehicle is moving or it may not be possible to use the brake or accelerator pedal correctly.
- Never put heavy cups/beverages or other heavy items in the cup holder. Heavy items can fly through the passenger compartment in the event of a crash or a sudden stop and cause serious injury or death!
- Do not use rigid containers (made of glass or porcelain). If an accident occurs, they may cause injury.
- Keep the cup holder closed while driving, unless you are using it.
- Do not drink at the wheel as it may distract you. An accident may occur!
- Do not attempt to drive when your blood alcohol level exceeds the limit allowed in the country you are driving in.



#### Important!

Only closed containers should be placed in the cup holder. Otherwise, the contents could splash out and damage the vehicle.

Applies to vehicles with: smoke package

## Ashtray

*The ashtray is located in the front storage compartment in the center console.*



Fig. 89 Ashtray.

- To open it, raise the lid
- Each time you remove the ashtray, for instance to empty it, make sure you reinsert it properly in its holder



### WARNING!

**Never put paper in the ashtray. Paper can catch fire and cause burns or other serious injuries!**

Applies to vehicles with: clothes hooks

## Clothes hooks

*A clothes hook is provided on the lining behind each seat.*



Fig. 90 Clothes hook.



### WARNING!

- **Clothes hung on the clothes hooks must not restrict the driver's view.**
- **Hang only light clothing on the hooks.**
- **Do not leave any pointed or heavy objects in clothes hung on the hooks. Such items could cause serious injury or death in a sudden stop or collision (especially if the airbag inflates)!**

## Too hot? Too cold?

### Climate control system

#### Description

*The air conditioning system keeps the passenger compartment comfortable in any weather.*

The air conditioning system combines a heating/ventilation system that operates automatically and a cooling system which cools and dehumidifies the air inside the vehicle. The system operates most efficiently when the windows are closed.

If the passenger compartment is very hot, airing it out can drop the temperature very quickly.

It is recommended that you set the system as follows:

- Turn on the air conditioning system.
- Set the temperature to **72 °F**.
- Press the **AUTO** button.

With this setting, you will enjoy a pleasant temperature as quickly as possible. These settings should be changed only to suit individual preferences or under special circumstances.

The air conditioning system maintains the desired temperature in a completely automatic way. The system automatically adjusts the temperature and distribution of the air entering the passenger compartment, as well as the blower speed.

The system efficiently compensates for strong sunlight, so there is no need for manual adjustment.

Thus, **automatic operation** (see p. 138) maintains your comfort and the comfort of your passengers in every situation and in any season.

Keep the following points in mind:

- The humidity in the passenger compartment is reduced when the system cools the air. This prevents the windows from fogging.
- If the humidity and temperature outside the vehicle are very high, condensation may drip off the evaporator and form a small puddle underneath the vehicle. This is normal. The system is not leaking!
- If the outside temperature is low, the blower will switch to a higher speed only after the engine has warmed up. However, this is not the case when defrosting.



#### WARNING!

**Poor visibility caused by fogging of the windows increases the risk of collision and of other accidents that can cause serious injury or death!**

- **The heating and ventilation systems are necessary for good visibility when driving your vehicle. If you have any questions regarding the use of the heating and ventilation systems, see an Authorized Lamborghini Dealer.**
- **For good visibility, be sure the windshield and the outside rear view mirrors are free from ice, snow and condensation.**
- **Rapid defrosting and the strongest flow of hot air can be obtained only after the engine has warmed up completely.**
- **Wait until visibility is good before you attempt to drive.**
- **Always switch off the recirculation mode when it is not needed.**



#### WARNING! (continued)

- **Never use the air recirculation mode for long periods of time because no fresh air will enter the passenger compartment.**
- **When the air conditioning system is off and the recirculation mode is on, condensation can quickly form on the windows and greatly reduce visibility. An accident may occur! Stop and wait until visibility is good before setting off again.**



#### Note

If you notice that the rear window is not heating up, the heating element may have been deactivated temporarily by the intelligent power management system. These features will again become available as soon as there is enough electrical power to run them.



#### Protecting the environment

To reduce fuel consumption, disable air cooling by pressing the button provided (4 - Fig. 92 - see p. 138).

## Anti-pollen filter

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*The anti-pollen filter (with activated charcoal) greatly reduces or traps impurities in the outside air, such as dust and pollen.*

For the air conditioning system to work with maximum efficiency, the pollution filter must be replaced at the intervals specified in the Warranty and Maintenance Booklet Service Schedule.

If the effectiveness of the filter deteriorates more quickly than normal because the vehicle is driven in areas with a high level of air pollution, it may be necessary to change the filter more frequently.



#### Important!

If you think that the air conditioning system is not operating properly, disable the **A/C** mode immediately to prevent further damage. Then, have the system inspected by an Authorized Lamborghini Dealer.

Repairs to the air conditioning system require specialized knowledge and special tools. Air conditioning systems contain dangerous refrigerant gasses. We therefore recommend you have the system serviced by expert technicians with the required professional qualifications. Contact an Authorized Lamborghini Dealer.



#### Note

- Keep the air intake slots in front of the windshield free from snow, ice and leaves to obtain efficient heating and cooling, and to help prevent the windows from fogging up.
- The air conditioning system operates most effectively with the windows closed. However, if the passenger compartment has become very hot because the vehicle was parked in the sun, the interior can be cooled more quickly by opening the windows for a short time.

## Air vents

The "Flow" function is used to choose the vents where air will be discharged.



Fig. 91 Instrument panel: air vents.

1. Windshield defrost vents
2. Fixed air vents

3. Adjustable air vents
4. Air vents below the instrument panel

### Adjustable air vents

- Turn the wheel in the air vents to open and close the vents. The notches in the wheel show how far the vent is open, in percent
- To adjust the direction of air flow, rotate and point the grilles in the vents as desired



#### Note

All the air vents should never be closed completely at the same time.

## Air conditioning controls

Applies to vehicles with: multimedia system

### Air conditioning controls

---

*The air conditioning system can be adjusted using the controls on the bar at the top of the screen for the Multimedia System.*



**Fig. 92 Air conditioning controls.**

System functions are switched on and off by pressing the buttons when the instrument cluster is on. When a function is activate, an indicator light will appear beneath its respective button. Some buttons have several different functions, which can be activated by pressing a button repeatedly.

When a fault occurs or the instrument cluster is off but the multimedia system is on, the buttons turn gray and cannot be pressed.



### Defrost (1)

The windshield and side windows are defrosted or demisted in the shortest time possible. The **A/C** switches on and the blower power, direction of air flow and temperature are adjusted automatically. In addition, the air recirculation function and the **AUTO** operating modes are deactivated. If the **A/C** is switched off or manually adjusted, the blower power and other functions remain in defrost mode. If the direction of air flow is modified, defrost mode is deactivated.

### AUTO Automatic mode (2)

Automatic mode switches on the **A/C** function and adjusts blower power and direction of air flow automatically, so as to bring the passenger compartment to the set temperature in as short a time as possible. If one of the automatically adjusted functions is modified, that function switches to manual mode, but the others remain in automatic mode. The temperature can be set between 61 °F and 82 °F only. If you set a temperature below 61 °F or above 82 °F, the system will operate continuously with maximum cooling or heating power respectively, and the temperature will no longer be regulated automatically.

### Adjusting the climate control system (3)

When the climate control system is on, the set temperature (between 61 °F and 82 °F) is displayed. Outside of this range, **LOW** appears for the minimum temperature and **HIGH** for the maximum temperature. Press the button (3) to open and close the climate control system control panel (6). Press and hold the button to turn off the climate control system. To turn the climate control system back on, press any of the function buttons.

### A/C Air conditioning system (4)



The air conditioning system works only with the blower turned on. If the temperature inside the passenger compartment is lower than the outside temperature, air cooling is automatically shut off.



#### WARNING!

- **If only the blower comes on, without the A/C, the windows may fog up. An accident may occur!**
- **If the indicator light remains on after the air conditioning has been shut off, there may be a malfunction in one of the air conditioning system's components. Contact an Authorized Lamborghini Dealer.**

### Air recirculation (5)

When the air recirculation system is switched on, the air in the passenger compartment is captured, filtered and recirculated. Polluted air is thus almost completely prevented from entering the passenger compartment. When the  is switched on, the air recirculation system is activated or deactivated automatically by the air quality sensor based on the exterior ambient conditions. The  button is used to activate or deactivate the air recirculation system manually.



#### WARNING!

**Never drive for long periods of time with the air recirculation system operating. In this mode, no outside air enters, which promotes the accumulation of water vapor inside the passenger compartment and can easily cause the windows to mist up. An accident may occur!**

### +/- Temperature (6)

The temperature can be adjusted to anywhere within a range of 61 °F and 82 °F. Hold down the button to change the temperature values more rapidly. Outside of this range, the message **LOW** or **HIGH** will appear. In either of these two positions, the system will operate continuously with maximum cooling or heating power respectively, and the temperature will not be regulated.

### **+/- Blower (7)**

When the engine is running, the blower can be set to any of 12 different speeds. Hold down the button to change the speed values more rapidly. When the blower is in automatic mode, a fan is shown in the place of the set speed. 6 speeds are available when the engine is off.

### **Direction of air flow (8)**

The direction of air flow can be adjusted to decide from which vents the air should flow. When the direction of air flow is being adjusted automatically, the arrows are all deactivated.



#### **Note**

When the blower is on, if only one air flow direction adjustment arrow is on, it cannot be turned off.

### **Seat heating system (9)**

The seat heating system has three different setting levels. Press the button once to switch it on at the highest level, then press again to adjust the level of heat. When the button is not lit up, the seat heating system is off.



#### **Important!**

To avoid damaging the heating elements in the seats, do not kneel or apply sharp pressure with pointed objects on the seats or their seatbacks.

### **MAX A/C Maximum cooling function (10)**

Adjusts all functions to deliver maximum cooling power, setting the temperature to **LOW**. If the air conditioning function is deactivated, the system switches to **AUTO** mode, and the temperature is adjusted to the last set temperature. Changing the temperature does not modify the other functions. Modifying a function other than temperature leaves the other functions unchanged, but the temperature is adjusted to **LOW**.



#### **Note**

The climate control system control panel either closes automatically after a set amount of time or can be closed by pressing any button on the bottom bar, pressing the central part of the status bar or pressing the **CLIMA** button (3).



#### **WARNING!**

**Poor visibility increases the risk of collisions and other accidents that can cause serious injuries.**

- **Be sure you know how to use the heating and ventilation system properly, as it is necessary for good visibility. Contact an Authorized Lamborghini Dealer if you are unsure of anything.**
- **For good visibility, be sure the windshield and the outside rear view mirrors are free from ice, snow and condensation.**
- **Rapid defrosting and the strongest flow of hot air can be obtained only after the engine has warmed up completely.**
- **Wait until visibility is good before you attempt to drive.**
- **When the air conditioning system is off and the recirculation mode is on, condensation can quickly form on the windows and greatly reduce visibility. An accident may occur! Stop and wait until visibility is good before setting off again.**

Applies to vehicles without: multimedia system

## Air conditioning controls

The table below will quickly help you become familiar with the controls for the air conditioning system.

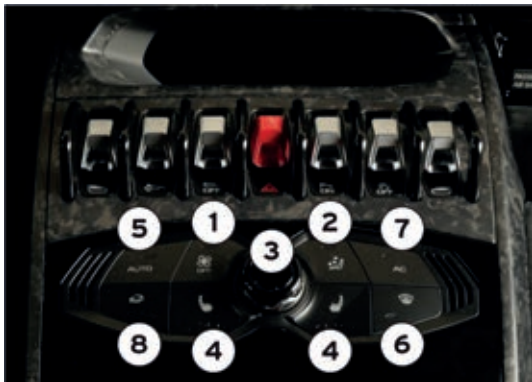








Fig. 93 Air conditioning controls.

To enable or disable a function, press the relative button. The selector knob on the center console (3 - Fig. 93) can be used to adjust:

- Temperature
- Blower speed
- Air flow distribution

When a function is selected, the LED inside the button will light up. The settings are shown on the instrument cluster.

1.		Turning the blower on and off/Adjusting the blower.....	142
2.		Adjusting the air flow.....	142
3.		Temperature selection/adjustment knob.....	144
4.		Heated seats .....	144
5.	<b>AUTO</b>	Automatic operation.....	145
6.		Defrosting and demisting.....	145
7.	<b>A/C</b>	Air conditioning on/off .....	146
8.		Manual air recirculation .....	147

 **WARNING!**

**Poor visibility increases the risk of collision and other accidents that could cause serious injury.**

- **Be sure you know how to use the heating and ventilation system properly, as it is necessary for good visibility. Contact an Authorized Lamborghini Dealer if you are unsure of anything.**




### WARNING! (continued)

- For good visibility, be sure the windshield and the outside rear view mirrors are free from ice, snow and condensation.
- Rapid defrosting and the strongest flow of hot air can be obtained only after the engine has warmed up completely.
- Wait until visibility is good before you attempt to drive.
- When the air conditioning system is off and the recirculation mode is on, condensation can quickly form on the windows and greatly reduce visibility.

Applies to vehicles without: multimedia system

### Turning the air conditioning system on and off

To switch on the air conditioning system, press the key for the function you wish to activate, or press the rotary pushbutton.

To turn off the air conditioning system, press and hold down the  button.

When the air conditioning system is off, the flow of air from the outside is closed.

Applies to vehicles without: multimedia system


### Air flow adjustment

*The way the air is distributed can be changed to suit personal requirements.*



Fig. 94 Adjusting the air flow.

### To choose the air distribution mode:

- Press the  button (2 - Fig. 93 - see p. 141): the center area of the instrument cluster will now show the air distribution modes that are available (Fig. 94)
- Using the rotary pushbutton (3 - Fig. 93 - see p. 141), select the desired mode from the following:



All vents

**AUTO** Automatic adjustment of vents



Upper and lower vents



Upper vent



Upper center vent



Center vent



Lower center vent



Lower vent

Select the **AUTO** mode to have the air flow adjusted automatically.

Applies to vehicles without: multimedia system


### Adjusting the blower OFF

*The speed of the blower can be changed to suit personal requirements.*



**Fig. 95** Setting the blower speed.

#### To adjust the blower speed:

- With the climate control system on, press the blower button  OFF (1 - Fig. 93 - see p. 141)
- Using the rotary pushbutton (3 - Fig. 93 - see p. 141), select the desired speed. You can choose from among 12 different blower speeds

In the **AUTO** mode, the air conditioning system automatically optimizes blower speed to suit interior temperature. However, the air flow delivered by the blower can be regulated manually to suit your needs.

When the manually regulated blower setting is the **AUTO** mode, the **AUTO** symbol is displayed next to the indicator.

Applies to vehicles without: multimedia system

## Temperature setting

---

*The temperature setting for the air conditioning system can be changed to suit personal requirements.*



**Fig. 96 Setting the temperature.**

To set the temperature desired for the passenger compartment, rotate the knob (3 - Fig. 93 - see p. 141) clockwise to increase the temperature and counter-clockwise to decrease it.



Applies to vehicles without: multimedia system

## Heated seats

---

*The seats and seatbacks can be heated electrically.*

### To turn on heating:

- Press the  button (4 - Fig. 93 - see p. 141) for the seat you wish to heat
- The three LEDs in the button will light up to show maximum heating
- Press the  button repeatedly to adjust the degree of heating

### To shut off heating:

- Press the  repeatedly until the LED in the button turns off



### Important!

To avoid damaging the heating elements in the seats, do not kneel or apply sharp pressure with pointed objects on the seats or their seatbacks.

Applies to vehicles without: multimedia system

## Automatic operation **AUTO**

*Standard operating mode recommended for use in all seasons.*

To select the automatic operating mode

- Using the selector knob (3 - Fig. 93 - see p. 141) set the temperature between **+61 °F** and **+82 °F**
- Press the **AUTO** button (5 - Fig. 93 - see p. 141)

In the automatic operating mode, the comfort level in the passenger compartment is automatically maintained, and humidity is removed from the air. The temperature, quantity and distribution of the air in the passenger compartment are regulated automatically to reach and then maintain the desired temperature as quickly as possible. In this way, the system also compensates for any variations in outside temperature.

The temperature can be set from **+61 °F** and **+82 °F**.


If you set a temperature below **+61 °F** or above **+82 °F** the system will operate continuously with maximum cooling or heating power respectively, and the temperature will no longer be regulated automatically.

Applies to vehicles without: multimedia system


## Defrosting and demisting

*The windshield and side windows are defrosted or demisted in the shortest time possible.*

### To turn on the defroster

- Press the  button (6 - Fig. 93 - see p. 141): the LED in the button will light up.

### To turn off the defroster

- Press the  button or the **AUTO** button

The temperature is adjusted automatically. Air will mostly flow from the outlets below the windshield (see p. 137).



### WARNING!


**Poor visibility caused by fogging of the windows increases the risk of collision and of other accidents that can cause serious injury or death!**

- **Always be sure you know how to use the heating and ventilation systems properly, as they are necessary for good visibility. Contact an Authorized Lamborghini Dealer if you are unsure of anything.**
- **For good visibility, be sure the windshield and the outside rear view mirrors are free from ice, snow and condensation.**
- **Rapid defrosting and the strongest flow of hot air can be obtained only after the engine has warmed up completely.**
- **Wait until visibility is good before you attempt to drive.**



#### Note

A portion of the air also flows through the central outlets. For fastest defrosting, either turn these outlets toward the windshield or close them to maximize the air flow on the windshield.

When the  button is pressed, the recirculation function and the **A/C** and **AUTO** operating modes are disabled.

Applies to vehicles without: multimedia system

### Turning the A/C system on and off A/C

---

*Turning off the **A/C** air conditioning system saves fuel.*

#### To turn on air conditioning

- Press the **A/C** button (7 - Fig. 93 - see p. 141)
- The LED in the **A/C** button will light up

#### To turn off air conditioning

- Press the **A/C** button
- The LED in the **A/C** button will turn off

In the **A/C** operating mode, the air conditioning unit is disabled, and the heating and ventilation are automatically regulated.

Remember that during the operation of the **A/C** system, the inside temperature cannot be lower than the outside temperature. The system will not cool or dehumidify the air in the passenger compartment, so the windows may fog up.



#### Note

If the LED in the **A/C** button stays lit after the cooling unit is shut off, a malfunction may have occurred in a component in the air conditioning system. Contact a an Authorized Lamborghini Dealer.





Applies to vehicles without: multimedia system




## Manual air recirculation

*In the air recirculation mode, outside air is almost completely prevented from entering the passenger compartment.*

### To select the air recirculation mode

- Press the  button (8 - Fig. 93 - see p. 141)
- The LED in the  button will light up

### To cancel air recirculation mode

- Press the  button or the **AUTO** button or the  button
- The LED in the  button will turn off

When air recirculation mode is selected, the air in the passenger compartment is captured and recirculated.

It is advisable to switch to the air recirculation mode when driving through a tunnel or in heavy traffic. This helps keep exhaust gas from entering the passenger compartment.



### WARNING!

- **Stale air causes driver fatigue and reduces reaction time, which can cause accidents, collisions and serious injuries.**
- **Never use the air recirculation mode for long periods of time because no fresh air will enter the passenger compartment.**
- **If the windows fog up, press the air recirculation button again to switch off the air recirculation mode or select defrost.**
- **When the air conditioning system is off and the recirculation mode is on, condensation can quickly form on the windows and greatly reduce visibility.**
- **Always switch off the recirculation mode when it is not needed.**

## Economical use of the air conditioning system

When the air conditioning system is providing cooling, it absorbs engine power and increases fuel consumption.

To minimize the operating time of the air conditioning system, remember the following tips:

- If the windows are lowered while traveling with the air conditioner operating, the **A/C** should be shut off (the indicator light will be off)
- If the vehicle has been parked in the sun and the temperature in the passenger compartment is very high, open the doors and windows for a short time to allow the vehicle to cool slightly



### Note

When the temperature outside the passenger compartment exceeds 95 °F, the air conditioning system automatically switches on. The driver cannot shut off the air conditioning system or raise its temperature setting above 77 °F.

If the OFF button is pressed, the system will continue to operate, even though the LED in the button goes out for a few seconds.

Applies to vehicles with: rear view camera

## Rear view camera

Applies to vehicles with: rear view camera

### Overview

If your vehicle is equipped with a rear view camera, the engine hood (1 - Fig. 97) has a video camera that captures the area behind the vehicle and displays it on the instrument cluster (1 - Fig. 98).



**Fig. 97** Rear view camera.



**Fig. 98** Rear view camera. Sector covered by camera (1) and sectors not covered (2).

The image displayed on the instrument cluster is fixed, which means that contrast, brightness, size, etc., cannot be adjusted. The sole purpose of this feature is to help the driver when backing up by providing additional assistance with this everyday maneuver.

The visual field shown by the camera consists of:

- a 108° angle along the vertical plane
- a 132° angle along the horizontal plane
- 15.75 in. the distance from an obstacle at the rear

Before using the camera to perform maneuvers, you should practice with the system and with the reference lines. Be sure to practice in an area with little traffic or in a large parking lot. It is a good idea to practice when the weather is good and there is plenty of light.

Objects in sectors not captured by the camera (2 - Fig. 98) are not shown on the instrument cluster, so be careful.

Also, objects or vehicles shown on the instrument cluster appear closer or farther away than they actually are in the following situations:

- When you back up from a flat area onto an upward or downward grade
- When you back up toward protruding objects
- When the Lifting System is on (vehicle is in raised position)

The precision of the blue or light blue lines and planes of reference is decreased in the following situations:

- When the image on the screen is not reliable because of poor visibility or a dirty lens
- When sunlight is interfering with the image on the screen

**WARNING!**

The parking assistance system is a supplemental device intended to assist the driver. It does not replace the driver's attention. The person behind the wheel is fully responsible for the vehicle during parking and other maneuvers in tight spaces to avoid possible damage to persons, property or animals. The rear view camera must never replace the driver's direct visual observation of the area behind the vehicle or the use of the rear view mirrors.

- You should always visually check all around the vehicle both directly and using the mirrors before proceeding and not rely solely on the parking assistance system. Driver distraction can cause accidents, serious injury or death! Never let the images on the screen distract you from the traffic around you.
- When maneuvering and parking the vehicle, never rely on the screen alone. Objects such as narrow posts or wire fences may be difficult or impossible to see on the screen because of its limited resolution.
- It is technically impossible for the rear view camera to show the entire area behind the vehicle.
- Use the camera only when the engine hood is completely closed.
- Make sure that any accessories installed on the rear of the vehicle do not cover the lens.
- Use the rear view camera only when image quality is good. Certain lighting conditions, a dirty or damaged lens, or a malfunction can prevent you from seeing an obstacle, which can cause an accident.
- Never use the rear view camera for maneuvering the vehicle when you cannot see the area behind the vehicle.

**WARNING! (continued)**

- The rear view camera shows two-dimensional images only. Potholes and dips in the ground, parts protruding from another vehicle and objects fastened to the ground may be difficult or impossible to see on the screen.
- Never use the rear view camera system if the position or angle of the camera has been altered (for example, after a rear-end collision). The incorrect camera position may prevent you from seeing an obstacle, which can cause an accident. Then, have the system inspected by an Authorized Lamborghini Dealer.

**Important!**

- Be especially careful while using the system, since it may first detect an obstacle and then, as the vehicle approaches it, may fail to "see" the obstacle because it is too short. Even objects such as trailer hitches, chains, fences and thin painted poles may sometimes not be detected, thus putting the vehicle at risk of damage.
- Never use hot or boiling water to remove snow or ice from the lens. It may crack!
- Never use abrasive products to clean the lens.

**WARNING!**

Lamborghini reminds you that the quality of the image may be negatively affected by various factors such as backlighting, a dirty lens or a malfunction. Also, certain objects such as thin poles or gratings, dips in the ground and protruding parts may not be shown clearly - or not shown at all: an accident may occur! You should not use the camera unless the images are sufficiently sharp and clear.

Use the camera only when the engine hood is completely closed. Make sure that any accessories installed on the rear of the vehicle do not cover the lens.

Applies to vehicles with: rear view camera

### **Switching the rear view camera on/off**

*The rear view camera is automatically switched on, together with the audible and visual signals, when reverse is selected.*



**Fig. 99 Center console: button for rear view camera.**

The camera can be switched on in one of two ways:

#### **Automatic**

- Start the engine
- Shift into reverse (R)

Applies to vehicles with: parking assistance system

#### **Manual**

- Pull the button on the center console (1 - Fig. 99).
- A short audible signal will be heard, and the LED in the button will light up

In both cases, when the camera is switched on, the instrument cluster will display the images captured by the camera. When the camera is switched off, the system will display the image that was on the screen before the camera was switched on.

When the camera is switched on by shifting into reverse, the following message appears

#### **Check the road ahead**

This is a reminder to pay close attention when backing up.

If the following message appears

#### **Rear View Camera not available!**

A malfunction has occurred, and the rear view camera is unavailable. Contact a an Authorized Lamborghini Dealer.

#### **Switching off the rear view camera**

The rear view camera will switch off automatically when the vehicle reaches a forward speed exceeding 6 mph or when the button on the center console is pulled (1 - Fig. 99).

Applies to vehicles with: rear view camera

## How to park perpendicular to the road

The rear view camera can be used to park the vehicle into a parking space perpendicular to the road, or into a garage.

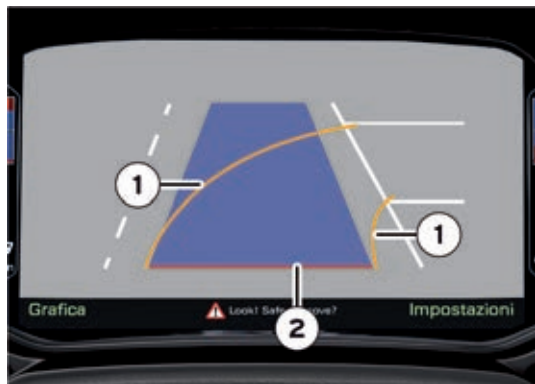


Fig. 100 Projected path of vehicle during parking.



Fig. 101 Straight path.

- Turning on the rear view camera
- Turn the steering wheel until the orange reference lines (1 - Fig. 100) show the chosen parking space. The plane shown in blue reproduces the outside dimensions of the vehicle when maneuvering
- Drive carefully and change the steering angle to aim for the parking space. Use the orange reference lines to gauge your position. Do not back up beyond the point where the red reference line (2 - Fig. 100) touches an obstacle!



### WARNING!

- **Read and follow all the warnings in the previous sections.**
- **The camera does not cover the entire area behind the vehicle (Fig. 98 - see p. 148). Be especially careful when children and animals are in the vicinity. They may not appear in the image: an accident may occur!**



#### WARNING! (continued)

- The rear-view camera is a supplement to and does not replace the attention of the driver.
- Objects off the ground can appear farther away than they actually are (examples include the bumper of a parked vehicle, a trailer hitch, the back of a truck). In this case, it is advisable not to use the reference lines to perform the parking maneuver: an accident may occur!
- The blue/light blue plane shows a view in perspective of the side of the vehicle as it is backing up! When an obstacle crosses the red reference line, this means that the vehicle, or property or persons located nearby, may be struck. Use your rear view mirrors. An accident may occur!



#### WARNING!

The path taken by the rear of the vehicle is shown on the instrument cluster. The front of the vehicle traces a broader arc as compared with the rear. Keep enough distance from an obstacle to avoid collision with the outside rear view mirrors or with a corner of the vehicle: an accident may occur!

## Driving



#### WARNING!

Your Lamborghini is a high-performance sports car, but is approved only for road use. Remember to exercise maximum caution when driving and always comply with the law of the state or country in which you are driving.

## Starting the engine

The **START ENGINE STOP** button (1 - Fig. 102) turns the instrument cluster on and off, and starts the engine. Never leave a remote control key inside the vehicle.



Fig. 102 Center console: START ENGINE STOP button.

### Instrument cluster off

When the START ENGINE STOP button is pressed, the instrument cluster turns on.

#### To start the engine

- Press the brake pedal all the way down
- Press the START ENGINE STOP button once again

#### To shut off the engine:

- Press the START ENGINE STOP button

When the START ENGINE STOP button is pressed without pressing the brake pedal, the instrument cluster will turn on or shut off, as the case may be. Also, the steering wheel will unlock when the START ENGINE STOP button is pressed.

If the following message is displayed when the instrument cluster is switched on

#### Move steering wheel

The steering lock is not disengaging from the lock mechanism; for example, this may occur if a front wheel is resting against the curb, which is preventing the wheel from moving. Turn the steering wheel to help unlock the steering system.



#### Note

The steering wheel lock helps prevent theft.

As the engine cranks, all heavy electrical loads are temporarily shut off.

Immediately after the engine starts when cold, you may hear a strong clattering from the hydraulic valve lifters. This noise is normal. It

will disappear gradually as the amount of oil in the hydraulic lifters increases.

If the engine is hard to start, the starting operation will automatically be interrupted after a few seconds. Repeat the starting operation.

On vehicles with the Start & Stop system, the instrument cluster shuts off when the START ENGINE STOP button is pressed during a stop cycle.

If a malfunction occurs, the instrument cluster will show one of the following messages, as the case may be:

#### Press brake pedal to start engine

If the START ENGINE STOP button was pressed to start the engine without pressing the brake pedal. The engine can be started only while the brake pedal is pressed.

#### To select gear press brake pedal

If the engine is switched off with the transmission in neutral (N), you must press the brake pedal and select the parking mode (P).

#### To select a gear, press brake pedal and activate drive system

If you are trying to start the engine without pressing the brake pedal. Press the brake pedal.

#### Shift into P, otherwise vehicle may rol Doors will not lock if gear selector is not in P

If you open the door while the engine is running and you have not selected the parking mode (P) and engaged the electromechanical parking brake.

This message appears for safety reasons and is accompanied by an audible signal, since the vehicle could move after it is parked. Also, if the parking mode is not selected, the vehicle cannot be locked with the central locking switch. Select the parking mode (see p. 169).

**Turn off ignition before leaving vehicle. Battery is discharging**

If the driver door is opened when the instrument cluster is on. This message is accompanied by an audible signal.  
Switch the instrument cluster off.

**Key not in vehicle?**

If the remote control key was removed from the vehicle while the engine was running.

If the remote control key is no longer on board the vehicle and the engine is running, it will not be possible to:


- restart the engine after it has been shut off
- turn the instrument cluster back on
- lock the vehicle from the outside.


**Key not recognized. Hold back of key against marked area. See owner's manual**


If the remote control key is on board the vehicle, but the system cannot detect the key.

The ignition key must be placed on the key recognition system (Fig. 104 - see p. 157) before you can start the engine or switch on the instrument cluster. Make sure the battery in the remote control key is good (see p. 94).

If the battery is good, see a an Authorized Lamborghini Dealer to have the system checked.

 <b>WARNING!</b>	
<b>Improper use of the ignition key can result in serious injuries or death!</b>	
<ul style="list-style-type: none"><li>• <b>Never leave children, the disabled or animals unattended in the vehicle. The doors can be locked with the remote control key. This could result in people being trapped in the vehicle in an emergency potentially exposing them to extreme temperatures.</b></li><li>• <b>Always take the key with you when you leave the vehicle, even if you will be gone for a short time. The key could be used to start the engine and operate vehicle systems such as the power windows, which may lead to serious injury or death!</b></li></ul>	

 <b>Important!</b>	
The remote control must be re-synchronized after the battery has been disconnected and then reconnected (see p. 95)	
Before the engine reaches normal operating temperature, avoid operation at high RPM, full acceleration, and excessive demands on the engine. You may damage the engine!	

 <b>WARNING!</b>	
<b>To reduce the risk of serious injury or even death when starting the engine and while driving:</b>	
<ul style="list-style-type: none"><li>• <b>Always fasten your safety belt before you start to drive. Never start or let the engine run in a confined or enclosed area. The exhaust fumes from the engine contain carbon monoxide, a colorless and odorless gas, which can cause loss of consciousness or death!</b></li></ul>	



**WARNING! (continued)**

- **Never leave the vehicle unattended with the engine running. The vehicle could move unexpectedly. Unusual operating conditions could occur resulting in property damage, serious injury and death, or theft.**

**Important!**

To avoid unnecessary engine wear and to reduce exhaust emissions, do not leave the engine running when leaving the vehicle. Drive at moderate speeds until the engine is completely warmed up. Remember that the engine performs best after it reaches normal operating temperature.

**Note**

- If the driver's door is opened while the instrument cluster is on, an audible alarm will sound.
- Switch the instrument cluster off.

**Protecting the environment**

Do not warm up the engine with the vehicle stopped to avoid releasing unnecessary exhaust emissions.

**Engine shutoff**

**Fig. 103 Center console: START ENGINE STOP button.**

**To shut off the engine with the START ENGINE STOP button:**

- Stop the vehicle and shift to neutral (N) or select the parking mode (P) (see p. 169)
- Lift the protective cover and press the START ENGINE STOP button (1 - Fig. 103).

**Important!**

To prevent the vehicle from moving, always remember to engage the electromechanical parking brake before leaving the vehicle.

If the vehicle is shut off with the transmission in neutral, it will switch to the parking mode automatically after around 20 minutes.

If the engine is shut off with the transmission in neutral and without setting the electromechanical parking brake, a continuous audible signal will be given to warn that the vehicle is not safely parked, as it could move and cause accidents resulting in serious injuries and

death or damage to the vehicle.

Also, if the parking mode is not selected, the vehicle cannot be locked with the central locking switch.

### Emergency shutoff

In case of emergency, the engine can be shut off while the vehicle is moving. Slow down to less than 6 mph and press down continuously on the START ENGINE STOP button and the brake pedal at the same time. The engine will shut off.

You should only shut off the engine while the vehicle is moving if there is an emergency situation. Shutting off the engine while the vehicle is moving will deactivate power steering and power braking which makes it much more difficult to steer and operate the brakes. Read the WARNING box below.



#### WARNING!

- **Do not shut off the engine while the vehicle is still moving unless there is an emergency situation.**
- **The power brake and power steering operate only while the engine is running. More effort is required to steer and brake when the engine is shut off which increases the risk of accident.**



#### Important!

To prevent excess heat from building up in the engine compartment after the engine has been working hard for a prolonged period, it is advisable to drive for a short time (at least two minutes) at a moderate, uniform speed to lower the temperature of fluids and the engine compartment before stopping the vehicle and shutting off the engine.



#### Note

The radiator fan may continue to operate for up to 10 minutes after the engine is shut off, even if the instrument cluster is off. The fan may even turn back on after a short time if coolant temperature rises due to accumulated heat or, when the engine is hot, if the temperature in the engine compartment increases due to sunlight striking the vehicle.



#### Important!

We recommend you keep the instrument cluster off when the engine is off, since the battery will discharge quickly due to the high technology equipment installed in the vehicle.

## Starting the engine when a malfunction has occurred

If the battery in the remote control key is dead, if there is radio interference, or if malfunctions have occurred in the system, the engine may not start when the START ENGINE STOP button is pressed.



Fig. 104 Key recognition system.

If the following message appears on the instrument cluster:

**Key not recognized. Hold back of key against marked area. See owner's manual**

- Hold the remote control key shown on Fig. 104 in the position marked in the figure
- Press the brake pedal
- Press the START ENGINE STOP button
- The engine will start

See an Authorized Lamborghini Dealer as soon as possible and have the problem corrected.

## Electromechanical parking brake

### Operation

An electromechanical parking brake replaces the handbrake.



Fig. 105 Center console: electromechanical parking brake.

The vehicle is equipped with an electromechanical parking brake. The purpose of the electromechanical parking brake, which replaces the traditional hand brake, is to prevent uncontrolled movement of the vehicle when it is stopped.

### Setting and releasing the electromechanical parking brake:

- Pull the lever (1 - Fig. 105) to set the electromechanical parking brake
- The **PARKING BRAKE** indicator light on the instrument cluster and the LED built into the lever will turn on
- To release the electromechanical parking brake, pull the lever

while pressing the brake pedal or the accelerator pedal. The **PARKING BRAKE** indicator light on the instrument cluster and the LED built into the lever will turn off



#### Note

The parking brake can be set when the instrument cluster is off, but can be released only when the instrument cluster is on.

Besides the normal functions of a conventional handbrake, the electromechanical parking brake offers several important advantages in terms of safety and comfort.

#### When starting off

- The electromechanical parking brake is automatically released when you start off, thanks to a special start-off assistance system



#### WARNING!

**If the safety belt on the driver's side is not buckled, the electromechanical parking brake will not release automatically. Fasten the safety belt.**

#### Emergency braking feature

- The emergency braking feature enables you to brake the vehicle when the main braking system has failed (see p. 160)

#### Indicator lights

- If the electromechanical parking brake is set while the instrument cluster is on, the **PARKING BRAKE** indicator light on the instrument cluster and the LED built into the lever will turn on
- If the electromechanical parking brake is set while the instrument cluster is off, the **PARKING BRAKE** indicator light on the instrument cluster and the LED built into the lever will turn on for around 20 seconds




#### WARNING!

**When the transmission is in gear with the vehicle stopped and the engine is running, do not let yourself be distracted in any way. Pressing on the accelerator may cause the vehicle to move resulting in an accident, serious injuries or death!**

- The electromechanical parking brake can be set even when the instrument cluster is off. The electromechanical parking brake will not release unless the instrument cluster is on.
- Any noise you hear while the electromechanical parking brake sets is normal.
- When the vehicle is stopped, the electromechanical parking brake automatically checks its operation at regular intervals, during which time you may hear noises. Once again, these are no cause for concern.
- If the **PARKING BRAKE** or **BRAKE** indicator light appears, the electromechanical parking brake may have malfunctioned (see p. 48).
- If the engine is shut off with the **N** and the electromechanical parking brake has not been set, a continuous audible signal will be given to warn that the vehicle is not safely parked.



#### Important!

If the  warning light comes on and the following message appears:

#### Parking brake: System malfunction!

The parking brake has malfunctioned. Contact the nearest Authorized Lamborghini Dealer right away and have the vehicle inspected and repaired.

**WARNING!**

If a malfunction occurs on the electromechanical parking brake, the **BRAKE** indicator light will appear on the instrument cluster and the following message will be displayed:  
**Parking brake: System malfunction!**  
**Immediately drive to the nearest Authorized Lamborghini Dealer.**

## Parking

*The following steps will prevent the vehicle from moving after it is parked.*

- Stop the vehicle
- Select the parking mode (P) (see p. 169), first gear (1) (see p. 161) or reverse (R) (see p. 169)
- Shut off the engine
- Set the electromechanical parking brake (see p. 157)

### When parking uphill or downhill

Turn the steering wheel so that the vehicle will roll toward the curb if it starts to move unintentionally.

**Note**

Before the vehicle can be towed, the parking lock must be disengaged using the special tool provided (see p. 374).

**WARNING!**

- **Never park the vehicle in areas where the hot catalytic converter and exhaust system can come in contact with dry grass, brush, spilled fuel or other inflammable materials. Fire hazard!**
- **Never leave anyone in the vehicle unattended, especially children. A child left in a parked vehicle can release the electromechanical parking brake, which may cause the vehicle to move, with resulting accidents, serious injuries or death!**



#### **WARNING! (continued)**

- **Always take the key with you when you leave the vehicle, even if you will be gone for a short time. The key could be used to start the engine and operate vehicle systems such as the power windows, which may lead to serious injuries or death!**
- **Never leave children, the disabled, the elderly or animals unattended in the vehicle. The doors can be locked with the remote control key. This could result in people being trapped in the vehicle in an emergency. Depending on the time of year, people trapped in the vehicle may be exposed to very high or very low temperatures.**

## **Emergency braking**

---

*If the main brake system is locked or is not operating.*

- In case of emergency, pull and hold the lever to stop the vehicle using the electromechanical parking brake.
- The braking effect will shut off if you accelerate or if you release the lever for the electromechanical parking brake.

When the vehicle is moving at speeds exceeding 5 mph, pulling on the lever without releasing it will activate the emergency braking feature on the electromechanical parking brake. When this occurs, the vehicle will be braked on all four wheels by hydraulic devices in the brake system. The braking effect is comparable to the effect normally obtained when the brake pedal is depressed forcefully.

To prevent the emergency braking feature on the electromechanical parking brake from being inadvertently activated, an audible signal (buzzer) is sounded when the lever is pulled. Emergency braking stops when the accelerator is depressed or when the lever is released.



#### **WARNING!**

**This emergency braking provided by the electromechanical parking brake must be used only in case of emergency, for example if the main braking system is locked or is not operating. The strength of emergency braking is comparable to the effect normally obtained when the brake pedal is pressed downwards forcefully. The ESC and the other integrated systems (ABS, ASR and EDS) cannot prevent a crash or loss of vehicle control in all situations and driving conditions. For example, strong braking in a curve, on a road in poor condition or in bad weather can cause you to lose control of the vehicle. An accident and serious injuries or death may occur!**

## Transmission

### Description

Your vehicle is equipped with an electronically controlled automatic transmission. Power is conveyed from the engine to the transmission by two independent clutches. Each clutch handles part of the transmission ratio, thus enabling the vehicle to accelerate smoothly and without interruptions in power caused by gear changes.

Depending on the driving mode selected, and working together with other control systems on the vehicle, the transmission can be set to adapt to different road conditions in the best way possible. You can select operating modes that range from completely automatic (the default mode when the vehicle is started) to an entirely manual mode that maximizes sporty driving pleasure with remarkably short gear change times and highest performance.

The current position of the transmission selector, the gear engaged and the selected driving mode are all shown on the instrument cluster.

### Operating principle

The transmission system is operated with two levers behind the steering wheel (Fig. 107 - see p. 163) that control downshifting (left paddle (-) (3 - Fig. 107 - see p. 163) and upshifting (right paddle (+) (4 - Fig. 107 - see p. 163), with the brake pedal, and with pushbuttons on the center console that select the manual transmission mode, the parking mode and reverse gear.



#### WARNING!

**When the engine is idling and the transmission selector is in any position other than P (parking mode) and N (neutral), the engine is not completely disconnected from the wheels, and the vehicle will tend to move forward or backward. An accident may occur! To prevent this from happening, keep your foot on the brake when the vehicle is stopped. Before opening the hood or having it opened, and before performing any operation with the engine running, make sure the transmission selector is in the parking mode or in neutral, and set the parking brake.**

#### P - Parking mode

The parking mode (P) locks the rear wheels. It can be engaged by pressing the (P) button on the center console (7 - Fig. 106 - see p. 163). In any case, it is automatically engaged after around 20 minutes from the time the engine is shut off with the transmission in neutral.



#### Note

For further information see "Parking mode (P)" (see p. 169).

#### N - Neutral (idle position)

The neutral position (N) is selected by simultaneously pulling both paddles behind the steering wheel towards you and pressing the brake pedal. This is possible only when the engine is running. The neutral position is equivalent to pressing down a clutch pedal.

If neutral is selected by mistake during driving, the transmission can be shifted back into the gear that is most suited to vehicle speed by pulling the left or right paddle behind the steering wheel.



### **Important!**

If you must shift into neutral but are unable to because the transmission has malfunctioned, the battery is dead or for another reason, release the transmission using the special tool (see p. 374).

### **R - Reverse**

Reverse (R) is engaged by pulling the lever provided on the center console (1 - Fig. 106 - see p. 163) with the vehicle stopped, the engine at idle and the brake pedal pressed.

When reverse is engaged, the backup lights come on.



### **Note**

For further information see "Reverse (R)" (see p. 169).

### **Kick down function**

When the accelerator pedal is depressed beyond a resistance point, the transmission system automatically engages the lower gear that provides maximum vehicle acceleration. The transmission will upshift only when engine RPM reaches the maximum value allowed. For more detailed information on this feature, see the section entitled "Operating modes" (see p. 164).

### **Operating modes**

The system provides the following functions:

- Three different driving programs can be chosen: STO, TROFEO and PIOGGIA using the selector on the steering wheel (5 - Fig. 108 - see p. 163)
- Only in the STO driving mode is either automatic transmission mode (A) (default mode when vehicle is started) or manual (M) mode available. The manual mode is selected using the M button on the center console (2 - Fig. 106 - see p. 163). In the TROFEO and PIOGGIA driving modes, only the manual transmission mode is available

When the instrument cluster is switched on, and every time the driving mode is changed, a message is displayed informing the driver of which driving mode is being used:

- SUPER TROFEO OMOLOGATA for STO
- DRY PERFORMANCE for TROFEO
- WET PERFORMANCE for PIOGGIA

For TROFEO and PIOGGIA driving modes, a brief description is also displayed, providing the purpose for which the driving mode was designed.



### **Important!**

If you try to change directions (for example by shifting from the second gear into reverse) while the vehicle is moving forward or backward, the following message will appear on the instrument cluster display:

### **Changing direction of travel is possible only if vehicle is stopped**

Stop the vehicle and engage the desired gear.



## Controls and displays



Fig. 106 Reverse gear R selector lever (1), manual gear changing mode M button (2) and parking mode P (7) button.



Fig. 107 Gear change paddles.



Fig. 108 Operating mode selection buttons.



Fig. 109 Display of driving mode (6), gear currently engaged and gear changing mode (8).

1.	Reverse gear selector lever (R) .....	169
2.	Button for selecting manual transmission mode (M)	
3.	Left paddle, for downshifting (-) .....	168
4.	Right paddle, for upshifting (+) .....	168
5.	STO, TROFEO and PIOGGIA operating mode selector button .....	164
6.	Driving mode indicator .....	164
7.	Button for setting the parking mode P.....	169
8.	Display of current gear engaged and transmission mode	

## Operating modes



### WARNING!

- **The driver must always operate the vehicle within the limits of his/her ability, avoiding dangerous maneuvers of any kind whatsoever, adapting driving to the road conditions, weather conditions, the presence of other persons or property, and any other factors that could affect driving and vehicle performance. The driver is responsible for that which occurs when he/she is driving, and is always responsible for driving safely, at a suitable speed, and at a suitable distance from other vehicles.**
- **Always obey the laws and speed limits in force in the country where the vehicle is being operated, and heed the instructions and warnings contained in this Owner's Handbook.**

The transmission offers the following driving modes, which are selected using the selector on the steering wheel. The display on the instrument cluster will show the selected gear and the active mode (6/8 - 109 - see p. 163).

### STO

In the STO driving mode, regardless of whether the transmission is in automatic (A) or manual (M) mode, driving comfort is the priority. This mode was designed with daily driving in mind, and for varied road or weather conditions.

In this configuration, with the ESC enabled (see p. 252), the vehicle's stability control systems activate and the vehicle is more stable and easier to drive.

With the ESC OFF (see p. 252) the vehicle performance is enhanced, but stability on slippery surfaces is reduced; also, the driving wheels are allowed to skid under acceleration to a greater extent, particularly in the lower gears, so we recommend that you drive carefully when the ESC is not activated. Driving with ESC OFF is more suited to roads with medium-to-high traction and permits a sportier driving style, allowing the driver to enjoy greater driving versatility. With the ESC deactivated performance is gradually enhanced as the engine is operated at higher and higher RPM when the accelerator pedal is depressed more forcefully.

When the engine is shut off and then restarted, and when the driving mode is changed, the ESC system is automatically activated.

The automatic operating mode is the default mode of the transmission. The system automatically selects and shifts the gears to suit vehicle speed, engine RPM and the driver's demands for torque/power. The mode can be changed from automatic to manual by pressing the M button on the center console while the engine is running and the transmission selector is in any position other than park (P) or neutral (N).

In manual mode, gears are changed using the upshift (+) and downshift (-) paddles behind the steering wheel. When the engine reaches maximum RPM, the transmission will force an automatic upshift (+).

A forward gear can be selected when the vehicle is in neutral, reverse (R) or park by holding down the brake pedal and pulling the right-hand upshift paddle (+).



#### Note

- When reverse, neutral or park is engaged, the system does not lose the setting for the automatic mode, if this mode was previously active.
- You can also force a gear shift by using the paddles in the automatic mode. Doing so switches the system to the manual shifting mode temporarily, if the paddles are not operated for a certain time, the transmission will automatically switch back to the automatic mode.
- The kick-down function is available.

#### TROFEO

In the TROFEO driving mode, only the manual transmission mode is available; the vehicle offers maximum performance, with a drastic reduction in shift times to provide traction and acceleration at the very highest levels. This driving mode was designed for use on dry, high-traction road surfaces; the setup is calibrated to heighten driving precision and vehicle response.

The driver has control over gear shifting and the transmission will not upshift automatically when the engine reaches maximum RPM. ONLY use this mode for driving on private roads that are closed to traffic.

In this configuration, with the ESC enabled (see p. 252), the stability control systems are calibrated for heightened grip. The slip on the

rear axle is optimal, in order to make the most of the degree of lateral and longitudinal grip.

With the ESC OFF (see p. 252), the stability control systems are calibrated to ensure the vehicle is livelier and its performance is enhanced. This mode provides a “performance-driven” driving style and more freedom for the driver.



#### WARNING!

- **Always comply with traffic laws and the legal speed limits in force in the country where the vehicle is being operated.**
- **In the TROFEO mode, if the driver disables the ESC system, it will remain disabled until it is restored manually using the button on the center console.**
- **Although ESC cannot enhance stability in all driving situations, it helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces. With ESC disabled, the vehicle will not have this enhanced stability.**
- **The NO ESC message and the appearance of the warning lights signal that the ESC system will remain completely disabled until it is restored manually.**

When the engine is shut off and then restarted, and when the driving mode is changed, the ESC system is automatically activated.

#### PIOGGIA

In the PIOGGIA driving mode, the only transmission mode available is manual and the setup is calibrated to enhance load transfers and maximize grip on wet or slippery surfaces.

The driver has control over gear shifting and the transmission will not upshift automatically when the engine reaches maximum RPM.

The ESC cannot be disabled (see p. 252) because the stability control systems are calibrated to maximize grip; they work together to reduce and balance the vehicle's typical handling on wet surfaces, such as a decrease in understeer, traction pre-control, and vehicle stabilization at high speeds and when braking.



#### **WARNING!**

**The PIOGGIA feature must be utilized ONLY on private roads without public access and under conditions of absolute safety. Do not use the PIOGGIA driving mode when weather conditions are poor.**

## **Behind the wheel**

### **Activating the system**

---



Switch on the instrument cluster by pressing the START ENGINE STOP button on the center console.

The vehicle performs an initial CHECK of the operation of the warning lights on the instrument cluster.

When the vehicle is started, it is set to operate in the STO mode and with the transmission in the automatic mode (A), regardless of the mode that was selected when the vehicle was last shut off.



#### **Important!**

If the  or the  transmission malfunction warning light appears on the instrument cluster, see an Authorized Lamborghini Dealer for system diagnosis and/or repairs.

If the following message appears

#### **Gearbox malfunction: Performance restricted**

a malfunction has occurred in the transmission. See an Authorized Lamborghini Dealer for system diagnosis and repairs.

After making a gear change, immediately release the gear selector paddles behind the steering wheel or release the reverse gear selector lever (R)

Avoid unnecessarily rapid shift sequences, as they will cause the system to malfunction.

If a malfunction occurs on the reverse gear selector lever (1 - Fig. 106 - see p. 163) or on the shift paddles behind the steering wheel, the transmission malfunction warning light and a text message will appear on the instrument cluster.

A malfunction on the shift paddles during driving will not affect the serviceability of the transmission, which will switch to the automatic mode so that the driver can operate the vehicle safely. If the paddles malfunction while the vehicle is stopped with the transmission selector in the parking position (P) or in neutral (N), first gear (1) can be engaged by pressing the brake pedal and the M button on the center console at the same time. A text message on the instrument cluster will guide the driver during this operation.



#### Note

No gear can be engaged unless the engine is running.



#### Note

To use a driving mode other than STO, which is the default setting, use the selector on the steering wheel (5 - Fig. 108 - see p. 163) to select another mode, such as TROFEO or PIOGGIA and/or change to the (M) gear change mode by pressing the M button (2 - Fig. 106 - see p. 163).

## Starting the engine

Depress and hold down the brake pedal, and then push the START ENGINE STOP button (1 - Fig. 102 - see p. 152). The engine will start up automatically, unless the brake is released.



#### Note

For further information, see "Starting the engine" (see p. 152).

## Driving off (Pickup)

- When the engine is idling, the vehicle is stopped and the brake pedal is pressed, select first gear (1), regardless of whether the transmission is in the automatic (A) or manual (M) mode
- Release the brake pedal and press the accelerator to drive off

After you start the engine with the vehicle stopped, if you pull on the gear change paddles and the transmission does not shift into the desired gear, and the following message is displayed:

### Transmission: Press brake pedal and select gear again

Pull the paddles again to engage the desired gear.



#### Note

- If more force is applied to the accelerator pedal, the vehicle will drive off more quickly. Do not start driving until all vehicle occupants are wearing their safety belts.
- When the engine is idling and the vehicle is stopped, the transmission can be directly shifted from first gear to reverse by pressing the reverse gear selector button. Furthermore, the transmission can be shifted directly from reverse to first gear by pulling the upshift (+) shift paddle on the right. An audible safety signal is sounded when reverse gear is engaged.



#### Important!

If the vehicle stands for a long period of time with the engine idling, it is a good idea to keep the transmission system in the neutral (N) or parking position (P) by using the paddles behind the steering wheel or the P button on the center console, respectively.



### WARNING!

**When the vehicle is stopped, especially uphill with the gear engaged, always keep the brake pedal depressed until you decide to start driving.**

## Upshifting (+)

- While driving, pull the (+) upshift paddle on the right behind the steering wheel to engage a higher gear



### Note

- The transmission engages a higher gear automatically if engine RPM is too high for the selected driving mode with the accelerator pedal pressed
- This feature is disabled when the transmission is in the TROFEO or PIOGGIA driving mode.
- An upshift (+) command will not be accepted by the transmission when the higher gear will force the engine to operate at excessively low RPM.

You can shift into neutral (N) at any speed by pulling both paddles. If the vehicle is in neutral and an upshift command (+) is given, the transmission automatically engages the gear that is most appropriate for current vehicle speed.

If the following message appears on the instrument cluster when you pull a gear change paddle:

**Transmission malfunction:You can continue driving in M until engine is shut off**

A malfunction has occurred in the paddle unit. Stop the vehicle in a safe place immediately and contact an Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.



### Important!

If a gear fails to engage when a gear change command is given, the system may shift to the next higher gear. It is also good practice to wait until a gear change is complete before trying to change gears again, thus avoiding multiple gear selections in rapid sequence.

## Downshifting (-)

- While driving, pull the downshift paddle on the left (-)



### Important!

- If a gear fails to engage, the transmission may shift to the next gear that is lower than the desired gear.
- To avoid multiple gear selections in rapid sequence, wait until a gear change is complete before trying to change gear again.
- When driving in the TROFEO and PIOGGIA modes, if you pull on the left-hand gear change paddle (for downshifting) for more than a half a second, the gearbox will automatically shift to the lowest gear that is compatible with vehicle speed and engine RPM.

If the following message appears on the instrument cluster when you pull a gear change paddle:

**Transmission malfunction:You can continue driving in M until engine is shut off**

A malfunction has occurred in the paddle unit. Stop the vehicle in a

safe place immediately and contact a Authorized Lamborghini Dealer and have the vehicle inspected and/or repaired.



#### Note

- If a downshift (-) is already in progress, or if the lower gear will force the engine to operate at speeds higher than the maximum permitted RPM limit, the downshift command will not be accepted.
- When the engine is cold, downshifting is further limited to protect the engine and the transmission.
- The system shifts down “automatically” if engine speed decreases below the minimum RPM limit programmed into the system.

## Reverse (R)

Reverse gear can be selected when the vehicle is stopped and while the engine is running, by pressing the brake pedal and pulling the R lever on the center console (1 - Fig. 106 - see p. 163). Release the brake pedal and press the accelerator pedal to back up. To shift out of reverse, select neutral (N) or first gear (1).



#### WARNING!

- **Before backing up, make sure there are no people (adults or children), animals or obstacles behind the vehicle. You may cause an accident!**
- **When backing up, be sure to visually check all around the vehicle both directly and using the mirrors before proceedings.**
- **The parking assistance system on your vehicle is a supplemental device intended to assist the driver when backing up. Never depend on the parking assistance system entirely when backing up (see p. 148).**
- **Always back up slowly.**

## Parking mode (P)

The parking mode can be selected when the vehicle is stopped and while the engine is running, by pressing the brake pedal and the (P) button on the center console (7 - Fig. 106 - see p. 163). The parking mode locks the rear wheels to prevent the vehicle from moving unexpectedly.

If you try to select the parking mode and the following message appears on the display:

#### Vehicle must be stopped before shifting into P

Stop the vehicle completely before selecting the parking mode.

The parking mode disengages automatically when neutral (N) or any gear is selected.

If the following message appears:

#### Time limit exceeded! Shifting to P. Start engine for N

Start the engine to stay in neutral; otherwise, the transmission will automatically shift into the parking mode.

When the engine is shut off and the transmission is in neutral, the parking mode automatically engages after approximately 20 minutes. During this time, if the system detects that the wheels are moving, the time is automatically prolonged.

If you try to shift into a gear after the transmission has automatically shifted into the parking mode and the following message appears:

#### To select gear press brake pedal

Start the engine and shift into the desired gear.

If the following message appears

### Vehicle may roll! Shift lever not in P

This means that the engine has been shut off without shifting into the parking mode or setting the parking brake. Shift into the parking mode and set the parking brake.

If the transmission will not shift into the parking mode because of a mechanical problem, the following message will appear on the instrument cluster:

### Vehicle may roll! Cannot shift into P. Engage parking brake

See an Authorized Lamborghini Dealer to have the system inspected.



#### Note

This feature may be useful when the vehicle is washed in an automatic car wash.



#### WARNING!

**If the vehicle is left with the transmission in neutral, the doors cannot be locked with the remote control key, and the parking mode must be engaged.**

## Stopping the vehicle

When the vehicle slows down below a certain speed, the transmission automatically shifts to a lower gear, unless the driver has already selected neutral (N).

When the vehicle is stopped, the transmission automatically shifts to first gear (1).



#### Important!

When the vehicle is stopped and first gear is engaged, keep the brake pedal depressed until you decide to resume driving. If you do not keep the brake pedal depressed, the system will soon shift to neutral automatically, and an audible alarm will signal.

## Shutting off the engine and transmission

The engine can be shut off with the transmission in neutral (N) or in gear (which must be either first gear (1) or reverse (R)).



#### Note

- For further information, see "Shutting off the engine" (on p. 155).
- After you shut off the engine, the instrument cluster will operate for a few seconds, and the position of the transmission selector will be displayed. If the transmission is in neutral (N), an audible alarm will sound, and the instrument cluster will show N to alert the driver that the vehicle may roll if it is left on a grade.



#### WARNING!

- **Never exit the vehicle with the transmission in neutral (N). The vehicle could move.**



**WARNING! (continued)**

- Always set the electromechanical parking brake or select the parking mode (P).
- Never leave the driver's seat while the vehicle is moving.
- Never shut off the engine while the vehicle is moving or before it has come to a complete stop. Otherwise, the steering wheel will depower and will be very hard to turn. Without power steering, it will be very difficult to steer or control the vehicle properly which can increase the risk of a crash and injuries.
  - The airbags and safety belt pretensioners will not operate when the ignition is off.
  - The power brake system will not operate when the engine is shut off. Much more brake pedal pressure will be required for stopping the vehicle and can increase the risk of a crash and injuries.
  - When the engine is shut off, the power steering system will not operate, and greater force will be required for steering the vehicle.

**Important!**

Hold down the brake pedal while shutting off the engine and transmission system. Do not select a gear while the transmission is shutting down.


**Thrust Mode**

*The Thrust Mode control system provides the best possible acceleration from a standing start.*

The system is selected using the following procedure.

- The Thrust Mode system can be activated only when the vehicle is stopped, the engine is running and the coolant temperature is between 158 °F and 194 °F
- Select the TROFEO
- driving mode and pull the ESC OFF button once to disable the traction control system; the ESC OFF and NO ESC warning lights will appear to indicate that the traction control system has been completely disabled (see p. 44)
- Using your left foot, press and hold down the brake pedal firmly
- Shift to first gear (1)
- Using your right foot, press the accelerator to the floor while keeping the brake pedal depressed with your left foot. The engine will stabilize in the RPM range which provides the best possible acceleration for ambient conditions and the condition of the vehicle
- A message appears on the instrument cluster when the system is correctly activated

**Thrust mode available**

- Take your left foot off the brake (=> ) when the engine reaches a constant RPM. If the accelerator is held to the floor, the vehicle will accelerate as strongly as possible and shift through all the gears automatically and in rapid sequence with "power shifts"
- To exit the Thrust Mode system, simply take your foot off the accelerator or press the brake pedal. Or, shift gears manually



#### WARNING!

- **Never use Thrust Mode on public roads when other vehicle traffic is present.**
- **The Thrust Mode feature must only be utilized only on private roads without public access closed, race tracks and only when the weather and road conditions permit the safe operation of Thrus Mode.**
- **The Thrust Mode may cause the drive wheels to spin and lose traction, especially when the road is slippery, wet or icy. An accident may occur!**
- **Remember that the ESC system cannot prevent loss of vehicle control when it is deactivated in the TROFEO mode. Although ESC cannot enhance stability in all driving situations, it helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces. With ESC disabled, the vehicle will not have this enhanced stability.**
- **Improper use of Thrust Mode may cause a loss of vehicle stability, with resulting accidents, injuries or death!**
- **The driver must always operate the vehicle within the limits of his/her ability, avoiding dangerous maneuvers, adapting driving to road and weather conditions, the presence of other persons or property, and any other factors that could affect driving and vehicle performance. The driver is responsible for the vehicle and persons and objects around the vehicle when he/she is driving, and is always responsible for driving safely, at a suitable speed, and at a suitable distance from other vehicles.**



#### Important!

The high performance start obtained using the Thrust Mode system places great stress on the engine and transmission;

frequent, excessive use of this feature can lead to premature wear and/or serious damage to the engine and transmission, and to other vehicle components.

#### Race start


---

*The Race start control system provides immediate, rapid acceleration from a standing start.*

The system is selected with the following procedure.

- The Race start system can be armed only when the vehicle is stopped, the engine is running and the coolant temperature is between 158 °F and 194 °F
- Select the STO
- driving mode and pull the ESC OFF button once to disable the traction control system; the ESC OFF warning light will appear to indicate that the traction control system has been disabled (see p. 44)
- Using your left foot, press and hold down the brake pedal firmly
- Shift to first gear (1)
- Using your right foot, press the accelerator to the floor. Engine RPM will increase and, as a result, vehicle speed will increase
- A message appears on the instrument cluster when the system is correctly armed

#### Race start possible

- Take your left foot off the brake (=> ). If the accelerator is held to the floor, the vehicle will accelerate as strongly as possible and shift through all the gears automatically and in rapid sequence
- To exit the Race start system, simply take your foot off the accelerator or press the brake pedal. Or, shift gears manually

**WARNING!**

- **Never use the Race start feature on public roads or when other vehicle traffic is present. The Race start feature must only be used on private roads without public access, closed race tracks and only when weather and road conditions permit the safe operation of Race start.**
- **The Race start system may cause the drive wheels to spin and lose traction, especially when the road is slippery, wet or icy. An accident may occur!**
- **Remember that the ESC system cannot prevent loss of vehicle control when it is deactivated in the STO mode. Although ESC cannot enhance stability in all driving situations, it helps the driver to control skidding when swerving suddenly or turning on slippery road surfaces. With ESC disabled, the vehicle will not have this enhanced stability.**
- **Improper use of Race start may cause a loss of vehicle stability, which may increase the risk of a crash resulting in serious injury or death and vehicle damage! Always drive within the limits of your training and experience.**
- **The driver must always operate the vehicle within the limits of his/her ability, avoiding dangerous maneuvers, adapting driving to road and weather conditions, the presence of other persons or property, and any other factors that could affect driving and vehicle performance. The driver is responsible for the vehicle and persons and objects around the vehicle when he/she is driving, and is always responsible for driving safely, at a suitable speed, and at a suitable distance from other vehicles.**

places great stress on the engine and transmission; frequent, excessive use of this feature can lead to premature wear and/or serious damage to the engine and transmission, and to other vehicle components.

**Important!**

The high performance start obtained with the Race start system

Applies to vehicles with: Start & Stop system

## Start & Stop system

### Start & Stop system

*The Start & Stop system may help reduce fuel consumption and CO2 emissions.*

In the Start & Stop mode, the engine shuts off automatically when the vehicle stops (for example, at a traffic light). When this occurs, the vehicle will not move forward, and the instrument cluster stays on. The engine will start back up as soon as it is needed. The Start & Stop system turns on automatically when the instrument cluster is switched on.

The Start & Stop mode operates only if:

- The transmission is in the STO automatic (A) or manual mode (1 - N - P)
- The driver door is closed
- The driver's safety belt is fastened
- The engine hood is closed
- Vehicle speed has exceeded 6 mph since the last time the vehicle stopped
- The steering wheel is pointing straight ahead



#### WARNING!

- **Never allow the vehicle to coast. Doing so puts yourself and others in serious danger, as you could lose control and cause an accident.**
- **When the engine is off, the power brake and power steering systems are inoperative, so greater force is required for stopping and steering the vehicle.**



#### WARNING! (continued)

- **The engine will start back up if the steering wheel is turned during a Stop cycle**
- **To avoid injuries, make sure the Start & Stop system is off before working in the engine compartment (see p. 176).**




#### WARNING!

**Using the button (1 - Fig. 111 - see p. 176) always disable the Start & Stop system manually when traveling over sections of road covered with water. Driving over sections of road covered with water is not recommended.**

### Starting and stopping the engine



Fig. 110 Instrument cluster: engine off (stop cycle).

- Stop the vehicle and keep your foot on the brake pedal. The engine will shut off. The  indicator light will appear on the instrument cluster
- Release the brake pedal to restart the engine.

## General warnings


*The features offered by the Start & Stop mode may be interrupted by the system for various reasons.*

### Engine fails to shut off

Before every stop, the system checks whether certain essential conditions for shutting off the engine are met.

For example, the engine will not shut off in the following situations:

- The engine has not yet reached the minimum temperature for operation in the Start & Stop mode
- The interior temperature set on the climate control system has not yet been reached
- The outside temperature is very high/low
- The windshield is being defrosted
- The parking assistance system is operating
- The battery charge level is too low
- The steering wheel is turned
- Reverse gear is engaged
- The vehicle is on a steep hill or slope

The  warning light will appear on the instrument cluster to show that the engine has not been shut off.

If the light goes out after a certain amount of time after the engine starts, the battery was charged sufficiently during driving.

If, however, the light does not go out, drive the vehicle to Authorized Lamborghini Dealer right away to have the problem corrected.

## Automatic engine restart

During a stop, the engine will restart with no action taken by the driver in the following situations:

- The passenger compartment is not at the temperature set on the climate control system
- The windshield is being defrosted
- The battery charge level has dropped too low
- Electric power consumption is too high



### WARNING!

**When the vehicle is shifted from neutral (N) or first gear (1) into reverse (R), the speed of the vehicle must exceed 12 mph before the system will shut off the engine again.**

## Manually activating and disabling the Start & Stop system


*This system can be disabled manually if you do not wish to use it.*



**Fig. 111 Center console: button for Start & Stop system.**

To activate or disable the Start & Stop system manually:

- Pull the button (1 - Fig. 111)

If the Start & Stop system has been disabled, the LED in the button will light up. Also the  indicator light will appear.



### **WARNING!**

**If the Start & Stop system is disabled during an engine stop, the engine will start back up automatically.**

## Driver warnings on the instrument cluster

If the following message appears on the instrument cluster

### **Start-stop system: Disabled! Restart engine manually**

Certain conditions were not met after an automatic stop, so the engine cannot be started back up using the Start & Stop system. Start the engine with the START ENGINE STOP button.

If the following message appears on the instrument cluster:

### **Start-stop system: Malfunction! System not ready**

A malfunction has occurred in the Start & Stop system. Contact an Authorized Lamborghini Dealer as soon as possible and have the malfunction repaired.

## HomeLink® universal remote control

Applies to vehicles with: HomeLink® universal remote control

### Description

*The HomeLink® universal remote control is compatible with devices that are already installed.*

Using the HomeLink® universal remote control, you can operate equipment such as garage door openers, anti-theft alarms, home lighting, etc. conveniently from your vehicle.

Up to three remote control units can be replaced by one universal unit: HomeLink® Universal. This universal remote control is compatible with most garage door openers.

Individual transmitters are programmed by pointing them at the left bumper, where a special central transmitter unit is installed.

Before you can use the HomeLink® universal remote control, the transmitters of the devices you wish to control must be programmed. If the devices fail to respond after programming, check whether they operate with a rolling code (see p. 179).



#### Note

For detailed information on the HomeLink® universal remote control, see your Authorized Lamborghini Dealer.

- For Declaration of Compliance with United States FCC and Industry Canada regulation see paragraph "Declaration of compliance, Telecommunication and Electronic Systems".



#### Important!

In the US market, the HomeLink® system supports devices operating at a maximum frequency of 433 MHz.



#### WARNING!

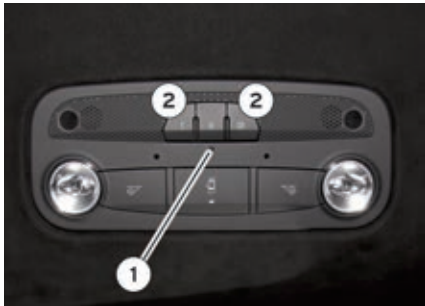
**Improper use of the HomeLink® Universal remote control can cause serious injury or death!**

- **Garage door openers operate with enough force to cause serious personal injury or death!**
- **Never let anyone get in the way of a garage door when it is opening or closing. Serious injuries or death may result!**
- **When you program the HomeLink® universal remote control, you may trigger a garage door opener or anti-theft alarm.**
- **To prevent serious injury, death or property damage, make sure that no people or objects are in the immediate vicinity.**
- **Do not use the HomeLink® universal remote control with any garage door opener that does not have the safety stop-and-reverse feature required by federal safety standards. This includes any garage door opener model manufactured before April 1, 1982.. A garage door opener that is unable to detect objects or persons, stop and reverse door travel does not comply with current safety standards. Using a garage door opener without this capability increases the risk of serious injury or death!**
- **Only program the garage door opener function and use the garage door opener controls when the vehicle is stopped. Otherwise, an accident may occur.**

Applies to vehicles with: HomeLink® universal remote control

## Programming

The HomeLink® universal remote control is programmed with the control unit (located above the inside rear view mirror) and the remote control for the device in question, which must be pointed at the left front bumper area.



**Fig. 112 LED on the HomeLink® Universal control unit located above the inside rear view mirror between the two sun visors.**



**Fig. 113 Left front bumper.**

### Control unit above the inside rear view mirror

- Turn on the ignition without starting the engine
- Hold down the two outer buttons on the HomeLink® universal remote control (2 - Fig. 112) for around 20 seconds until the LED (1 - Fig. 112) begins to flash. This will delete the standard codes installed at the factory. This operation needs not be repeated when programming other buttons.
- Press the HomeLink® button you wish to program
- Wait until the LED (1 - Fig. 112) begins to flash.  
The HomeLink® will stay in the programming mode for only 5 minutes
- Move towards the vehicle with the original remote control for the garage door opener or device to be assigned a button on the HomeLink® universal remote control

### Front bumper

- Point the original remote control toward the area below the headlamp on the left front bumper of your vehicle (Fig. 113)
- Operate (by pressing the appropriate button) the original remote control
- During this operation, observe the turn signals on your vehicle. You will know that the HomeLink® universal remote control is programmed correctly when the turn signals flash three times
- If this does not happen, repeat the operation at a distance farther away from or closer to the bumper

The correct distance between the remote control and the HomeLink® module in the bumper depends on the system you wish to program. Several attempts will probably be necessary.

If you exceed the 5 minute time limit for the programming mode (control unit and front bumper), the turn signals will flash only once. If this happens, the "Control unit above the inside rear view mirror" programming procedure described above must be repeated, starting



from the third point (Press the HomeLink® button you wish to program).

Follow the same procedure to program the other two buttons.

If you program the other buttons immediately after the first button is programmed, begin with the step “Press the HomeLink® button you wish to program”.

If the devices cannot be operated with the HomeLink® universal remote control after programming is completed, these devices are probably operating with a rolling code instead of a fixed code. If this is the case, rolling code programming is required in addition to the steps described above (see p. 179).

Applies to vehicles with: HomeLink® universal remote control

### Programming devices with a rolling code

*Some devices require additional programming for rolling codes.*

#### To identify a rolling code

- Hold down the HomeLink® button you have programmed.
- Observe the LED HomeLink® (1 - Fig. 112). If the LED flashes quickly for about 2 seconds and then lights up steadily, the device in question uses a rolling code.
- To program this kind of device, proceed as follows.

#### To start the motor on the garage door opener

- Find the programming button for the motor that powers the garage door opener. The color and position of the button vary with the brand of garage door opener.
- Press the programming button (an indicator generally lights up on the motor). From this moment, you have 30 seconds to program the button on the HomeLink® control unit above the inside rear view mirror.

#### Programming the control unit above the inside rear view mirror

- Press and release the HomeLink® button you previously programmed.
- Press the HomeLink® button again to finish programming the rolling code.

After the control unit above the inside rear view mirror has been programmed, the garage door opener should recognize the HomeLink® signal and operate when the button on the HomeLink® remote control is pushed. At this point, the other buttons can be programmed.



#### Note

- It is advisable to have another person to help you program the rolling code. With some makes of garage door openers, the HomeLink® button may have to be pressed a third time to complete programming.
- If you have problems programming the rolling code, you should consult the operating instructions of the garage door opener or other device you wish to operate.



#### WARNING!

**When you program the HomeLink® universal control unit, you may trigger a garage door or gate opener. To prevent serious injury, death or property damage, make sure that no people or objects are in the immediate vicinity.**

Applies to vehicles with: HomeLink® universal remote control

### **How to cancel the programming of HomeLink® buttons**

*To completely cancel the programming on the HomeLink® control unit above the inside rear view mirror, use the two outer buttons.*

- Turn on the instrument cluster without starting the engine.
- Hold down the two outer buttons until the LED begins to flash (1 - Fig. 112).
- Release the buttons.

After the programming on the HomeLink® control unit has been canceled, the remote control unit will be in the programming mode. The buttons can be reprogrammed at any time.



#### **Note**

- The programming on individual buttons cannot be canceled.
- If you plan to sell your vehicle, it is recommended that you cancel the programming of the HomeLink® Universal buttons for security reasons.

Applies to vehicles with: HomeLink® universal remote control

### **Using the HomeLink® Universal remote control**

*The devices programmed as described above are operated with the HomeLink® buttons on the control unit above the inside rear view mirror.*

- Turn on the instrument cluster without starting the engine.
- Press the previously programmed HomeLink® button (2 - Fig. 112). The device programmed on this button (such as a garage door opener) will begin to function.

During this operation, the LED HomeLink® will stay lit (1 - Fig. 112).



#### **WARNING!**

**Improper use of the HomeLink® universal remote control can cause serious injury.**

- **Garage door openers operate with enough force to cause serious injury of death!**
- **Never let anyone get in the way of a garage door when it is opening or closing.**

Applies to vehicles with: HomeLink® universal remote control

## How to reprogram a single HomeLink® button

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*You can reprogram a single HomeLink® button without changing the programming of other buttons.*

### Control unit above the inside rear view mirror

- Hold down the HomeLink® button you wish to program until the LED (1 - Fig. 112) begins to flash slowly

### Front bumper

- Point the original remote control for the garage door opener or other device toward the area below the headlight on the left side of the front bumper on your vehicle (Fig. 113). The distance between you and your vehicle varies with the device being programmed
- Press the button on the original remote control for the garage door opener or other device
- During this operation, observe the turn signals on your vehicle. You will know that the HomeLink® universal remote control is programmed correctly when the turn signals flash three times
- If this does not happen, repeat the operation at a distance farther away from or closer to the bumper

If the turn signals flash three times, the previous programming on the HomeLink® button has been cancelled and the button has been reprogrammed. Press the HomeLink® button you have just programmed to operate the device in question.



### Note

Several attempts will probably be necessary before programming is completed correctly. When programming a new device, keep the button pressed at least 15 seconds before trying again in a different position with the remote control.

Keep observing the turn signals during this operation.





**Safety**

# Driving safely

## Overview

### Dear Lamborghini Driver

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*Safety first!*

This handbook - and this section in particular - contains information with warnings and instructions that you must read carefully and heed meticulously, not only for your own safety, but also for the safety of your passenger, of other motorists, and of persons and property that are in the vicinity of your vehicle. Keep this handbook inside your vehicle at all times.



#### **WARNING!**

**Always make sure that you follow the instructions and heed the warnings contained in this section, not only for your own safety, but also for the safety of the occupants of your vehicle and others around you.**

- **Additional important information that you need to know for your own safety and the safety of your passengers is provided in the other sections of this Owner's Handbook.**
- **Keep this handbook inside your vehicle at all times.**
- **Be sure to have all scheduled maintenance operations performed.**

## Safety equipment

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*If used correctly, the safety equipment in the vehicle can reduce the safety risks to its occupants in an accident.*

You must NEVER endanger your safety or the safety of your passenger. New safety equipment made possible by advances in technology can, if properly used and maintained, reduce the risk of injury in case of an accident. The following are just a few of the safety features that are provided in your Lamborghini:

- Safety belts for both driver and passenger
- Pretensioner for each safety belt
- Load limiter on each safety belt
- Advanced front airbag system
- Knee airbags for driver and passenger
- Combined side head/torso airbags for driver and passenger, which are integrated into the seats.
- Integrated head restraint on each seat
- Collapsible steering column

These individual safety features work together to provide protection for the driver and the passenger in an accident.

However, these safety systems cannot work properly unless they are used and maintained correctly! This section explains why these systems are important, how they work together to help protect you and your passenger, and how they must be adjusted and used to provide the best protection and reduce safety risks. This section also contains important WARNINGS that you and your passenger must read and heed to help reduce the risk of injury.

### **Safety is everyone's business!**

No safety system can replace a watchful, cautious driving style in which the driver operates the vehicle within his/her abilities and experience, obeys traffic laws, has a defensive attitude that

anticipates other drivers' errors, and is ready to take action to respond to emergency or incautious maneuvers that result from other drivers' errors. However, the instructions and warnings for the correct and safe use of this vehicle **before** and **after** driving and **while behind the wheel** can also contribute to protecting your safety and that of others.

### **Important precautions and warnings before driving**

*Traffic safety is everybody's responsibility. The driver is responsible for using the vehicle's features correctly and for driving carefully to ensure the safety of the vehicle and its occupants.*

For your safety and the safety of your passenger, follow these instructions before driving:

- Make sure that all lights and turn signals are operating correctly.
- Make sure that the tire pressure is correct.
- Make sure that all windows are clean and that you have good visibility all around the vehicle.
- Secure all luggage (see p. 189).
- Make sure that nothing can interfere with the pedals.
- Adjust the driver's seat and the rear view mirrors correctly to suit your height.
- Show your passenger how to adjust the seat so that he or she can sit in the proper position and fasten the safety belt correctly.
- For maximum protection, be sure to use the child restraint that is best suited to the stature of the child you are carrying (see p. 230). Also, before installing a child restraint on the passenger seat, be sure to heed the special warnings on airbags (The Advanced Front Airbag System and children - see p. 230).
- Sit properly in your seat and be sure to instruct your passenger to do the same (see p. 186).
- Fasten your safety belt correctly and make sure your passenger does the same (see p. 197).

### **Factors that affect safety**

*Driving safety is directly related to the condition of the vehicle and the driver, as well as to the driver's ability to concentrate on the road without being distracted.*

The driver is responsible for his own safety and for the safety of the vehicle and the passenger. If your ability to drive is impaired, you place your own safety, the safety of your passenger and the safety of others at risk.

Therefore, always make sure that you:

- Never let yourself be distracted by your passengers or by the sound system, navigation system or a cell phone. Use these devices only when the vehicle is stopped.
- Never drive when your driving ability is impaired (for example, if you are under the influence of medications, alcohol, drugs, etc.).
- Obey all traffic laws, rules of the road and speed limits, and use common sense.
- Always adjust your speed to road, traffic and weather conditions.
- Take frequent breaks on long trips. Do not drive for more than two hours at a stretch.
- Do not drive when you are tired, under pressure or under stress. Use your good judgment.



#### **WARNING!**

**Impaired driving skills increase the risk of serious injury or death.**

## Correct seating positions

### Correct driver seating position

*For your own safety and to reduce the risk of injury in an accident, ensure you are properly positioned in the driver's seat.*

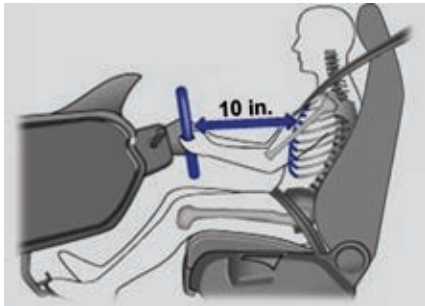


Fig. 114 A distance of at least 10 in. must be maintained between the driver and the steering wheel.



Fig. 115 Correct driver seating position.



#### WARNING!

A driver who is unbelted, out of position or too close to the airbag can be seriously injured or killed if the airbag inflates, even if the vehicle is equipped with an advanced airbag.

For your own safety and to reduce the risk of injury or death in an accident, you must adjust the driver's seat before setting off, as follows:

- Adjust the driver's seat so that you can push the pedals all the way to the floor without extending your knees completely (=> ⚠).
- Keep the seatback in a vertical position that enables your back to be in full contact with the seatback while you drive.
- Adjust the steering wheel so that a distance of at least 10 in. is left between the steering wheel and your chest (Fig. 114), and leave a distance of at least 4 in. between the knees and the area under the steering wheel where the knee airbag is located (Knee Airbags - see p. 224). Although vehicle designs vary, many drivers can achieve the 10 in. Distance simply by reclining the seatback somewhat. If reclining the seatback makes it hard to see the road, raise the seat if your vehicle has that feature. If you cannot set this minimum distance of 10 in. from the wheel, contact an Authorized Lamborghini Dealer.
- Adjust the steering wheel so that it and the front airbag are pointing at your chest and not at your head and neck.
- Grip the steering wheel on the outside of the steering wheel rim, with your left hand at the 9 o'clock position and your right hand at the 3 o'clock position, to reduce the risk to personal injury if the driver's front airbag inflates.
- Improperly holding the steering wheel can cause serious injuries to the hands, arms, face and head if the driver's front airbag inflates.
- Fasten your safety belt and wear it correctly (see p. 197).



**WARNING! (continued)**

- Always keep both feet in the footwell so that you maintain control of the vehicle at all times.
- Always sit upright. Never lean against or place any part of your body too close to the area where the airbags are located.
- Before driving, adjust the seats properly, and make sure that the passenger is correctly seated and has properly fastened his or her safety belt.
- Never adjust your seat while the vehicle is moving. The seat may move unexpectedly and cause you to lose control of the vehicle.

**Correct passenger seating position**

*A correct seating position is essential for a safe journey.*

**WARNING!**

**The passenger must also wear the safety belt. A front seat passenger who is unbelted and/or sits out of position or too close to the airbag can be seriously injured or killed if the airbag inflates, even with an Advanced Airbag System. To reduce the risk of injury or death in case of accident, you must adjust the passenger seat as follows:**

- **Move the passenger seat as far to the rear as possible. Leave a distance of at least 4 in. between the knees and the area under the steering wheel where the knee airbag is located (Knee Airbags - see p. 224).**
- **Keep the seatback in a vertical position that enables the passenger's back to be in full contact with the seatback when seated in the vehicle.**

**WARNING! (continued)**

- **Make sure the passenger keeps his/her feet on the floor in front of the seat. The passenger's feet must never rest on the seat, instrument panel, out the window, etc. If the passenger sits improperly, the airbag system and the safety belt will not provide adequate protection and may even increase the risk of injury in case of accident!**
- **Children must ride in child restraints that are appropriate for their size and age (see p. 231). Special precautions must be taken when installing a child restraint on the passenger seat (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).**

**Examples of improper seating positions**

*The occupant restraint system can reduce the risk of injury or death only if vehicle occupants are properly positioned in their seats.*

If you or your passenger are seated out of position, this can cause serious injury and death and reduces the effectiveness of the safety belt and airbag system. Safety belts work only when they are correctly positioned on the body. Sitting incorrectly reduces the protection offered by safety belts and can cause serious injury.

In addition, the risk of serious injury or death is increased when an airbag deploys and strikes an occupant who is out of position.

- Do not operate the vehicle unless you and your passenger are properly positioned in the seat and will all safety belts properly fastened. (=> )

The following list shows examples of seating positions that increase the risk of serious injury or death. Our goal in presenting these

examples is to make you aware of some seating positions that are dangerous.

Therefore, when the vehicle is moving:

- Never stand up.
- Never stand on the seats.
- Never kneel on the seats.
- Never lean on the instrument panel.
- Never sit on the front edge of the seat.
- Never sit facing sideways or backwards.
- Never lean out the window.
- Never put your feet out the window.
- Never rest your feet on the instrument panel.
- Never rest your feet on the seat or the seatback.
- Never ride in the footwell.
- Never sit on the center console.



#### **WARNING!**

**Sitting out of position may increase the risk of serious injury or death in the event of a crash.**

- **Do not operate the vehicle unless you and your passenger are properly positioned in the seat and all safety belts properly fastened.**

## **Pedal area**

### **Pedals**

*The accelerator and brake pedals must be free to “move” without any interference.*

Make sure that there are no obstructions to the pedals, that they can “move” freely and that nothing prevents them from returning to their original positions.

Use **only** floor mats that do not interfere with the pedals and can be held in place with floor mat fasteners.

If a brake circuit fails, the brake pedal must be depressed more than is usually necessary to bring the vehicle to a stop.

Wear appropriate shoes that give your feet a good grip and that provide you with a good feel for the pedals.



#### **WARNING!**

**Pedals that cannot move freely or that encounter interference from other objects may increase the chance of a loss of vehicle control or a crash and increase the risk of serious personal injury or death!**


- **Never put anything in the footwell in front of the driver seat. An object could get into the pedal area and interfere with pedal function. During sudden braking or in an accident, it would be impossible to brake or accelerate!**
- **Make sure that all objects in the vehicle are secured and that objects cannot fall or move into the driver’s footwell, or even move in that direction.**

Applies to vehicles with: footrests

### Driver's footrests

Your vehicle has two removable footrests. To remove the footrests, use the foldaway key to unscrew the mounting screws (1 - Fig. 50 - see p. 90).

Use authorized Lamborghini footrests and spare parts, only.

Make sure that the footrests are properly secured so that they cannot move or interfere with the pedals (=> .



#### WARNING!

**Pedals that cannot move freely may cause a loss of vehicle control and increase the risk of serious personal injury or death!**

- **Make sure that the footrests are properly anchored in the footrest seats.**
- **Never place or install in the vehicle floor mats or other floor coverings that cannot be properly secured to prevent them from moving and interfering with the pedals or the ability to control the vehicle.**
- **Never cover the footrests with floor mats or similar accessories. Additional floor mats and other coverings will reduce the size of the pedal area and interfere with the pedals.**
- **Properly reinstall and secure footrests that have been removed for cleaning.**
- **Always make sure that objects cannot fall into the driver footwell while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.**

## Carrying luggage

### How to load the luggage compartment

*Improperly stored luggage or other items can fly through the passenger compartment and increase the risks in the event of hard braking or in a collision. Place luggage and objects in the storage compartments provided. Luggage and other items carried in the luggage compartment must be firmly secured.*

Loose items in the luggage compartment can shift suddenly and change vehicle handling characteristics. Loose items can also increase the risk of injury in the event of a sudden vehicle maneuver or in a collision.

- Distribute the load in the luggage compartment evenly.
- Place and properly secure heavy items in the luggage compartment as far toward the rear of the vehicle as possible.
- Arrange heavy luggage at bottom of the luggage compartment as much as is possible.

According to the laws of physics, in a collision even small items that are unsecured will fly through the passenger compartment and unnecessarily increase the risk of serious injury or death. In a sudden maneuver or accident, items stored in the vehicle move with an amount of energy that increases exponentially with the speed of the vehicle and the weight of the item.

Vehicle speed is the most important factor.

For example, in a head-on collision at a speed of 80 mph, the forces acting on an object weighing 10 lbs are 20 times higher than the normal weight of the object. Therefore, the weight of the object will suddenly increase to 198 lbs in a collision. Therefore, it is easy to imagine that personal injuries can be caused by an object flying freely through the passenger compartment in a collision.

To help reduce the risk of serious injury or other harm to persons in the vehicle:

- Always put luggage or other heavy items in the luggage compartment.



**WARNING!**

**Heavy loads can affect vehicle handling by changing the center of gravity. To help reduce the risk of losing control and consequent serious injury or death:**

- **When transporting heavy objects, remember that a change in the center of gravity can also change the way the vehicle handles:**
  - **Be sure to distribute the load as evenly as possible.**
  - **Never exceed the Gross Axle Weight Rating (GAWR) or the Gross Vehicle Weight Rating (GVWR) specified on the safety compliance label on the driver door. Exceeding the GAWR or GVWR will impact vehicle handling and operation and may increase the risk of loss of vehicle control and a crash.**
  - **Follow the recommendations on safe driving (see p. 184).**



**WARNING!**

**Make sure that the vehicle has been properly locked and secured when it is not being used.**

- **Never leave your vehicle unattended, especially when the luggage compartment lid is open. A child could crawl into the luggage compartment, close the lid, become trapped and be unable to get out. If a child remains trapped in a vehicle, this can lead to serious injury or death, particularly when outside temperatures are very hot or very cold!**



**WARNING! (continued)**

- **Heat build-up in the passenger and luggage compartments of a parked vehicle can lead to temperatures in the vehicle that are much higher than the outside temperature, particularly in the summer. Temperatures can rapidly reach levels that can cause loss of consciousness and death. Young children are even more vulnerable to this risk!**
- **Never let children play in or around the vehicle.**

## Reporting safety defects

### Applicable to the U.S. only

If you believe that your vehicle has a safety-related defect or does not conform to a Federal Motor Vehicle Safety Standard and could cause a crash, injury or death, you should immediately inform Automobili Lamborghini America LLC in addition to notifying the National Highway Traffic Safety Administration (NHTSA).

If the NHTSA receives similar complaints, it may open an investigation. If it finds that a safety-related defect or non-compliance with Federal Motor Vehicle Safety Standard exists in a group of vehicles, it will order a recall and service campaign. However, the NHTSA cannot become involved in individual problems between

you, your Authorized Lamborghini Dealer or Automobili Lamborghini America, LLC.

To contact the NHTSA, call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); log on to <http://www.safercar.gov>; or write to:

Administrator  
NHTSA  
1200 New Jersey Ave, SE  
Washington, DC 20590.

You can also get further information on the safety of your vehicle at

<http://www.safercar.gov>

### **Applicable in Canada only**

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#### **Reporting safety defects**

If you live in Canada and you believe your vehicle has a defect which could cause an accident, injury or death, you should inform Transport Canada, Defect Investigations and Recalls right away. We also ask you to contact Volkswagen Group Canada, Inc.

Transport Canada  
Canadian customers who wish to report a safety defect to Transport Canada, Defect Investigations and Recalls, can call Transport Canada toll-free at:  
1(800) 333-0510 or  
1(819) 994-3328 (in the Ottawa area and from other countries)

or write to:  
Transport Canada  
Motor Vehicle Safety Investigations Laboratory  
80 Noel Street  
Gatineau, QC  
J8Z 0A1

For further information on road safety, log onto the Road Safety website:

[www.tc.gc.ca/roadsafety/menu.htm](http://www.tc.gc.ca/roadsafety/menu.htm)

## Seat belts

### Overview

#### Always wear safety belts!

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*Using safety belts correctly can save lives!*



**Fig. 116 Driver wearing a safety belt.**

This section explains why safety belts must always be worn, how they work, and how to adjust and wear them correctly.

- Read all the information contained in this Owner's Handbook and heed all the instructions and WARNINGS in this section.

**The safety belts in your vehicle have several important safety features:**


#### **Automatic safety belt retractors**

Each safety belt is equipped with an automatic retractor.

The automatic safety belt retractor locks the belt when it is pulled out quickly during hard braking or in a collision. The belt may also lock when you drive up or down a steep hill or around a sharp curve.

#### **Safety belt pretensioner**

The retractors for the driver and the passenger safety belts have a pretensioner that helps eliminate slack in the safety belt and tighten it around the occupant when the pretensioner is activated. The pretensioners are activated by the electronic control unit for the airbag system.

Operation of the pretensioners is monitored by the  warning light (see p. 37).

#### **Automatic Locking Retractor**

The safety belt on the passenger side is equipped with a Automatic Locking Retractor that must be used when a child restraint system is installed using the safety belt.

Be sure to read the important information about this feature (see p. 242).

Other special precautions must be taken when installing a child restraint on the passenger seat (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).



#### **WARNING!**

**Always wear your safety belt! Not wearing safety belts or wearing them improperly increases the risk of serious injury or death in the event of a crash.**

- **Safety belts are a highly effective way to reduce the risk of serious personal injury and death in automobile accidents. For your protection and that of your passengers, always wear safety belts when the vehicle is moving (Fig. 116).**

**WARNING! (continued)**

- If you are pregnant, the best way to protect yourself and your unborn child when driving or riding in a vehicle is to always wear a safety belt properly positioned on the body. Women who are pregnant should position the lap part of the safety belt as low as possible over the hips. Wear the shoulder part of the safety belt across the chest, avoiding the abdomen. If the safety belt is not worn properly, not only the pregnant woman, but also the unborn child, could suffer death or serious injury in an accident or as a result of sudden braking.

**Number of seats**

Your vehicle has two seating positions. Each position is equipped with a safety belt.

**WARNING!**

**Not using safety belts or using safety belts improperly increases the risk of serious injury or death!**


- Only allow one person to sit in each seat and only use one safety belt per person. Never strap more than one person, even small children, into a single seat belt.
- Riding with a child seated on your lap is prohibited. Your vehicle is type-approved for carrying no more than 2 passengers, each sitting on their own seat. Carrying more than 2 persons is prohibited!
- Be sure everyone riding in the vehicle is properly restrained with a separate safety belt or a correctly anchored child restraint.


**Safety belt warning light **

*This warning light reminds you and your passenger to fasten your safety belts properly before driving.*



**Before driving, be sure to always:**

- Fasten your safety belt and make sure it is positioned correctly.
- Make sure that your passenger also buckles up and is wearing his or her safety belt correctly.
- Protect children with a child restraint system that is appropriate for their age and their size.
- Protect children by heeding all the special warnings on airbags if a child restraint system is installed on the passenger seat (Advanced Airbag System and Children - see p. 230).

The  warning light comes on when the ignition is switched on to remind you and your passenger to fasten your safety belts.

The  warning light stays lit for around 6 seconds. If the driver's safety belt has not been fastened when the engine starts, a warning chime will also sound. The chime will continue to sound for up to 8 seconds but will turn off when the driver's safety belt is fastened.

If the driver or front seat passenger has not buckled-up within about 24 seconds after the warning chime has stopped, the warning chime will sound again for about 6 seconds and then stop for 24 seconds. This reminder sequence will continue for a maximum of 2 minutes.

The  warning light will stay on as long as the driver or front seat passenger has not buckled up (=> .

**Fasten your safety belt and make sure that your passenger is also wearing his or her safety belt correctly.**



#### **WARNING!**

**Safety belts are the single most effective piece of personal protection equipment available for reducing the risk of serious injury or death in automobile accidents. For your protection and that of your passenger, always wear safety belts properly when the vehicle is moving**

**Failure to pay attention to warning lights and warning messages on the instrument cluster or audible warning signals could lead to serious injury or death!**

## **Why safety belts?**

### **What happens to occupants who are not wearing safety belts?**

*In frontal crashes, unbelted occupants are hurled forward and are injured or killed. Always wear your safety belts, which help reduce risk of injury.*



**Fig. 117** A driver not wearing a safety belt is violently thrown forward.



#### **WARNING!**

- **The airbag is a supplemental restraint system only. Always wear your safety belt. Never rely on an airbag alone for protection. Airbags are not designed to inflate in all types of accidents. Although your Lamborghini is equipped with airbags, you and your passenger must also wear safety belts correctly to minimize the risk of severe injury or death in a crash, regardless of whether an airbag is provided and be properly seated.**





### WARNING! (continued)

- **When worn correctly, your safety belt provides protection in accidents in which airbags are not supposed to deploy or have already deployed. Unbelted occupants can even be thrown out of the vehicle. If this occurs, there is a very high risk of serious or even fatal injuries.**

Unbelted occupants cannot resist the tremendous forces of the impact simply by holding tight or bracing themselves. If they are not wearing safety restraints, the occupants of the vehicle will be slammed forward with great force into the steering wheel, instrument panel, windshield, or whatever else is in the way (Fig. 117).

## Safety belts protect

*People think it is possible to use your arms to brace your body in a minor collision. This is simply not true!*



Fig. 118 This driver is correctly restrained during a sudden stop.

Safety belts are very effective in protecting occupants in a crash, but they must be worn properly.

Safety belts help keep passengers in their seats, gradually reduce the energy applied to the body in a collision, and help prevent uncontrolled movement that can cause serious injuries or death. In addition, safety belts reduce the possibility of being thrown from the vehicle in certain types of crashes.

The driver and the passenger are protected by safety belts, crumple zones and other safety features. Since these systems “absorb” kinetic energy over a longer period of time exert less force on the body.

Always wear safety belts! The driver must check that the passenger is also wearing a safety belt.

Although your Lamborghini is equipped with airbags, they are a supplemental safety system only. You must always wear your safety belt. Front airbags, for example, are activated only in some frontal collisions. The front airbags may not activate in all types of crashes. Always wear your safety belt and make sure everybody in your vehicle is properly restrained!

## Important safety instructions about safety belts

*Safety belts must be correctly positioned across your body.*

- Always wear safety belts as illustrated and described in this Owner's Handbook.
- Make sure that your safety belts are always ready for use and free from dirt and/or damage.



### WARNING!

**Not wearing safety belts or wearing them improperly increases the risk of serious personal injury and death! Safety belts can do their job only when used correctly.**



**WARNING! (continued)**

- Always fasten your safety belt correctly before driving and make sure the passenger is also properly restrained.
- For maximum protection, safety belts must be positioned correctly on the body following the specific instructions provided and illustrated in this handbook, below and on the following pages.
- The shoulder belt portion of the safety belt must be positioned over the middle of the occupant's shoulder and never across the neck or throat, or under the arm or behind the back. The safety belt must lie flat and snug on the occupant's upper body (Fig. 121 - see p. 198).
- The lap belt portion of the safety belt must be positioned as low and as tight as possible across the hips and never over the abdomen. Make sure that the belt is good and tight and adheres to your body. Pull on the safety belt to tighten it, if necessary.
- Never strap more than one person, not even small children, into a single safety belt.
- Never place a safety belt over a child sitting on your lap. Riding with a child on your lap is prohibited!
- Always keep feet in the footwell in front of the seat while the vehicle is in motion.
- Never let your passenger ride with his or her feet resting on the instrument panel or on the seat, or sticking out the window.
- Never remove your safety belt while the vehicle is moving. Doing so will increase your risk of being injured or killed.
- Never wear a twisted safety belt.
- Never wear belts over rigid or breakable objects in or on your clothing, such as eyeglasses, pens, keys, etc., as these may cause injury.



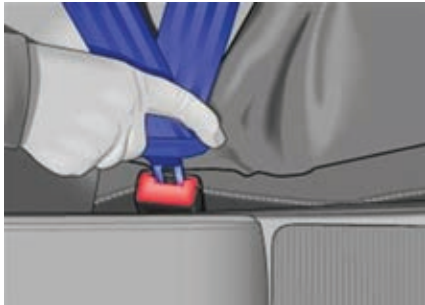
**WARNING! (continued)**

- Never wear a shoulder belt under your arm or behind your back. This could cause serious injuries in a crash.
- Wearing multiple layers of heavy clothing may interfere with the correct positioning of a safety belt and reduce its effectiveness.
- Make sure that the buckles on the belts are free to move and that nothing is preventing them from latching securely.
- Do not put accessories on the safety belts. Devices intended to improve comfort or reposition the shoulder part of a safety belt can reduce the protective capability and increase the chance of serious injury in a crash.
- Follow the manufacturer's instructions for installing child restraints correctly.
- Be careful not to damage the safety belts by catching them in a door or in the seat hardware.
- In an accident, cut or frayed safety belts may rip, and damaged belt hardware may break. Inspect the safety belts regularly. If the webbing, bindings, buckles, or retractors are damaged, have the belts replaced by an Authorized Lamborghini Dealer.
- Seat belts that have been mechanically damaged and stressed in an accident must be replaced with the correct replacement seat belts by an Authorized Lamborghini Dealer. Replacement may be necessary even if damage cannot be seen. Anchoring hardware that was stressed must also be inspected by an Authorized Lamborghini Dealer.
- Never remove, modify, disassemble, or attempt to repair the safety belts yourself.
- Always keep safety belts clean. Dirty belts may not work correctly and can cause the inertia reel to malfunction, (see p. 200).

## Seat belts

### Fastening and unfastening seat belts

*Safety comes first - safety belts must be fastened at all times!*



**Fig. 119 Safety belt buckle and tongue for the driver's seat.**



**Fig. 120 Releasing the tongue from the buckle.**

For maximum protection, safety belts must always be positioned correctly on the body (see p. 198).

#### To fasten a safety belt:

- Adjust the seat correctly (Correct driver seating position - see p. 186).
- Hold the belt by the tongue, pull it out smoothly and lay it across the chest and hips (=> ⚠).
- Insert the tongue into the buckle for your seat until you hear the tongue latch into the buckle (Fig. 119).
- Pull on the belt to make sure it is securely latched in the buckle.

#### To unfasten a safety belt:

- Push the red release button on the buckle (Fig. 120). The tongue on the safety belt will pop out of the buckle (=> ⚠).
- Let the belt wind up on the retractor as you guide the belt tongue to its stowed position.

#### Twisted safety belt

If it is difficult to pull a safety belt out of its guide, the belt may be twisted inside the side trim because it retracted too quickly when it was taken off. Hold the safety belt by the tongue and pull the belt all the way out. Untwist the safety belt and then slowly guide it back into the fully stowed position. If the safety belt cannot be untwisted, wear it anyway but understand that a twisted safety belt may not perform as designed. Make sure that the safety belt is twisted in a spot that does not contact the wearer's body! Contact a an Authorized Lamborghini Dealer as soon as possible.

When installing a child restraint in the vehicle, be sure to use the Automatic Locking Retractor (Installing a child restraint using the standard three-point safety belt - see p. 242). Other special precautions must be taken when a child restraint system is installed on the passenger seat (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).



#### **WARNING!**

**Never unfasten your safety belt while the vehicle is moving. Doing so increase your risk of being injured or killed if there is a crash.**



#### **WARNING!**

**Incorrectly positioned safety belts can cause serious injuries or death in the event of an accident!  
Safety belts can provide enhanced protection in a crash only when the seatback is upright and the belts are correctly positioned on the body.  
Never attach the safety belt to the buckle for another seat. Attaching a safety belt to the wrong buckle (i.e. the buckle for another seat) reduces its ability to protect the wearer and increases the chance of sustaining serious injury or death!  
An incorrectly fastened safety belt can cause serious injury or death to the occupant.**

### **Position of the safety belt**


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*Correct position is the key to getting maximum protection from safety belts.*



**Fig. 121 Side view of correct safety belt position.**

Wearing safety belts improperly can cause serious injury or death. Safety belts are most effective when they are correctly positioned across the body and fastened. If the occupant is not properly positioned in the seat, this reduces the effectiveness of safety belts and airbags and may increase the risk of injury or death in a crash. The driver is responsible for the safety of all vehicle occupants and especially for children. Therefore:

- Never permit anyone to sit in an incorrect position in the vehicle when it is moving (=> .



#### WARNING!

**Safety belts offer maximum protection only when the seatback is upright and the belts are correctly positioned on the body. Incorrectly positioned safety belts can cause serious injuries or death in the event of an accident!**

- **The shoulder belt portion of the safety belt must be positioned over the middle of the occupant's shoulder and never across the neck or throat or under the arm.**
- **The safety belt must lie flat and snug on the occupant's upper body (Fig. 121).**
- **The lap belt portion of the safety belt must be positioned as low as possible across the hips and never over the abdomen. Make sure that the belt is flat against the body and snug. Tighten the safety belt to fasten it properly, if necessary.**
- **A loose-fitting safety belt can cause serious injuries as its position on your body shifts from areas over strong bones to vulnerable areas with soft tissue.**
- **Always make sure that the passenger is properly belted in and sitting in the correct position when the vehicle is moving.**
- **Always be sure to read and heed the WARNINGS and other important information (Important safety instructions about safety belts - see p. 195).**

### **Expectant mothers must also be properly restrained**

*The best way to protect an unborn child is to make sure that the expectant mother always wears her safety belt correctly.*




**Fig. 122 Safety belt position during pregnancy.**

Obtain medical advice and wear the safety belt in the proper way. Women who are pregnant should position the lap part of the safety belt as low as possible over the hips in the same manner as an occupant who is not pregnant. Pregnant women should extend the shoulder belt completely over the shoulder and avoid belt contact with the rounding of the abdominal area. If the safety belt is not worn properly, not only the pregnant woman, but also the unborn child, could suffer death or serious injury in an accident or as a result of sudden braking.

For the safety belt to work effectively, the occupants must be properly positioned in the seat with the safety belt fully latched and positioned

correctly across the body (see p. 198).

- Adjust the seat correctly (Correct driver seating position - see p. 186).
- Hold the safety belt by the tongue, pull it out smoothly and lay it across the chest and pelvis (Fig. 122).
- Insert the tongue into the buckle on your seat until you hear the tongue latching securely into the buckle (=> .
- Pull on the safety belt to make sure it is securely latched in the buckle.



#### **WARNING!**

**Incorrectly positioned safety belts can cause serious injuries or death in the event of an accident!**

- **Expectant mothers must always wear the lap portion of the safety belt as low as possible across the hips and below the rounded area of the abdomen.**
- **Always be sure to read and heed the WARNINGS and other important information (Important safety instructions about safety belts - see p. 195).**

## **Safety belt pretensioners**

### **How safety belt pretensioners work**

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*In certain types of collisions, safety belts are tightened up automatically.*

The safety belt retractors for the driver and passenger have pretensioners. The pretensioners are activated in certain frontal, side and rear-end collisions as well as in rollover accidents when the deceleration value and tilting angle are high enough. The pretensioners will not activate in a rollover if the side airbags do not deploy. When activated, the pretensioners tighten the seat belt which helps reduce the movement of the driver or passenger's body during a crash.



#### **WARNING!**

**Once it has been activated, the safety belt pretensioner must be replaced.**



#### **Important!**

When the safety belt pretensioner is activated, a fine dust is released into the passenger compartment. This is normal and is not caused by a fire in the vehicle.

## Airbag system

### Airbag plate



Fig. 123 Passenger airbag plate.

## Important things to know

### Importance of wearing safety belts and sitting properly

*Airbags are only supplemental restraints. Airbags are designed to work in conjunction with safety belts. For airbags to do their job, occupants must always wear their safety belts correctly and sit in the proper position.*



Fig. 124 Front airbags after inflation.

This vehicle is equipped with an airbag and safety belt at both front outboard seating positions and airbags in other locations. The front airbag is designed to be a supplemental restraint and does not replace the use of safety belts. All vehicle occupants, including the driver, should always wear their safety belts whether or not an airbag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash.

The front airbags are designed to provide additional protection for the chest and head of the driver and the passenger when:

- The safety belts are worn properly (see p. 198).
- The steering wheel, driver seat and passenger seat have been adjusted so that the occupants are properly seated as recommended by NHTSA and Transport Canada (with the driver still maintaining control of the pedals, steering wheel, and view of the instrument panel controls). (Proper occupant seating positions - see p. 186).
- To protect children, always be sure to use the correct child restraint properly (Child Safety - see p. 231). Protect children by heeding all the special warnings on airbags if a child restraint system is installed on the passenger seat (Advanced Airbag System and Children - see p. 230).

In a collision airbags inflate in the blink of an eye and with considerable force.

The (combined side head/torso) supplemental airbags can cause injuries or death if the driver or the front seat passenger is not seated properly!

In order to help the airbags to do their job, it is essential that both driver and passenger be properly restrained and properly seated at all times.



**WARNING!**


**If you are unable to sit in the driver seat so that you are properly positioned in the seat and with the safety belt properly fastened and your legs reaching the pedals, do not operate the vehicle! Risk of injury or death!**

**If special modifications to your vehicle are necessary, contact a Authorized Lamborghini Dealer to assess their feasibility and any related problems.**

When your body is kept at a sufficient distance from the steering wheel, the front airbag can inflate fully and completely and provide supplemental protection in certain frontal collisions ("Correct driver seating position", see p. 186). For details on how to operate the seat adjustment controls (How to adjust the seats correctly - see p. 117). It is essential that children be properly restrained by a child restraint system that is appropriate for their age and size (Child safety - see p. 228).

There is a lot that the driver and the passenger can and must do to help the individual safety features installed in your Lamborghini work together as a unified system.

When the airbag system deploys, a chemical reaction in the gas generators inflates the airbags with a non-toxic gas. The airbags then break through the padded covers and inflate between the steering wheel and the driver, and between the instrument panel and the passenger.

When an airbag deploys, a fine dust is released (=> ). This is normal and is not caused by a fire in the vehicle. This dust is made up mostly of a powder used to lubricate the airbags as they deploy.

The airbags deflate immediately after deployment so that the occupants can see through the windshield.

All of this takes place so fast that many people do not even realize the airbags have deployed.



**WARNING!**

**The airbags inflate with a great deal of force and nothing should be in their way when they deploy. Objects placed on occupants' laps or on the seat could be pushed against the body or flung dangerously through the passenger compartment when the airbag inflates and may cause serious injury or death! Do not allow passengers to hold items on their lap.**



Front airbags and safety belts that are properly worn according to the instructions and warnings contained herein (Safety belts - p. 197) help limit the forward movement of the occupants in certain frontal collisions. Together, they can help protect the head and chest of the driver and passenger from impact with interior components.

It is important to remember that while the supplemental airbag system is designed to reduce the likelihood of serious injuries or death, other types of physical harm, for example swelling, bruising and minor abrasions and friction burns, can occur when airbags inflate. The front airbags will not inflate in side or rear collisions, in rollovers or if the ignition is switched off. The front airbags will not inflate in all types of frontal collisions. However, the airbags may deploy if a serious impact occurs to the underside of your vehicle. For example, hitting a curb, edge of pavement or hard surface; falling into a deep hole; or landing hard. Whether the airbag system triggers depends on the vehicle deceleration rate caused by the collision, as detected by the electronic control unit. If this rate is below the reference value programmed into the control unit, the airbags will not be triggered, even though the car may be badly damaged as a result of the collision. Vehicle damage, repair costs or even a lack of vehicle damage is not necessarily an indication of whether an airbag should have inflated.

It is not possible to define a range of vehicle speeds that will cover every possible kind and angle of impact that will always trigger the airbags, since the circumstances will vary considerably between one collision and another. Important factors include the nature (hard or soft) of the object that the vehicle hits, the angle of impact, vehicle speed, etc.

Remember that: airbags only supplement your safety belts in certain types of frontal collisions and deploy depending on direct and severity of impact. Airbags will deploy only once, and only in certain kinds of collisions. Your safety belts offer constant protection in situations where the airbags are not designed to deploy or have

already deployed; for example, when your vehicle strikes or is struck by another vehicle after a first collision.

This is just one of the reasons why an airbag is a supplementary restraint and is not a substitute for a safety belt. The airbag system works most effectively when used with the safety belts. Therefore, always wear your safety belt properly (Safety belts - beginning on p. 197).

There is a lot you need to know about the airbags in your vehicle. It is essential that you read and use the detailed information about airbags, safety belts and child safety contained in this Owner's Handbook. Be sure to heed the WARNINGS carefully - they contain information on which your safety and the safety of your passengers depends, especially infants and small children.



**WARNING!**

**Never rely on an airbag alone for protection.**

- **Even when they deploy, airbags provide only supplemental protection.**
- **Airbags work most effectively when used together with safety belts. An airbag used without wearing a safety belt is dangerous.**
- **Therefore, always wear your safety belt and make sure that the passenger is properly restrained.**



**WARNING!**

**Sitting too close to the steering wheel or instrument panel will decrease the effectiveness of the airbags and increase the risk of injury or death in the event of a collision!**

- **The driver must leave a distance of at least 10 in. between the steering wheel and his/her body, and the passenger must adjust the seat so that a distance of at least 4 in. is left between the instrument panel and his/her body.**



**WARNING! (continued)**

- If you cannot sit more than 10 in. from the steering wheel, find out whether the vehicle can be modified to help you reach the pedals and increase your seating distance from the steering wheel.
- If you are unrestrained, leaning forward, sitting sideways or out of position in any way, your risk of injury is much higher.
- You may also suffer serious injuries and even be killed if your body is resting on the surface from which the airbag inflates or if you are too close to it when it inflates.
- To reduce the risk of injury when an airbag inflates, always wear your safety belt (Safety belts - see p. 197).
- An infant in a rearward-facing child restraint installed on the passenger seat can be seriously injured or killed if the front airbag inflates - even if the vehicle is equipped with an Advanced Airbag System.
- If children are not properly restrained, they may be severely injured or killed when an airbag inflates.
- Never let children ride unrestrained or improperly restrained in the vehicle.
- Adjust the seats correctly.
- Never ride with the seatback reclined.
- Always sit in the correct seating positions for occupants (see p. 186).
- Always sit upright with your back against the seatback of your seat.
- Never put your feet on the instrument panel or on the seat. Always keep both feet on the floor in front of the seat to help prevent serious injuries, including the head, legs and hips if the airbag inflates.



**WARNING!**

Objects placed between an occupant and the airbag will increase the risk of injury in a crash by interfering with airbag deployment or by being pushed against the occupant as the airbag inflates.

- Never hold things in your hands or on your lap when the vehicle is in use.
- Never transport any objects on top of the passenger seat or in the area in front of it. Objects could move into the area of the front airbags during braking or other sudden maneuvers and fly dangerously through the passenger compartment when an airbag inflates.



**WARNING!**

The fine dust created when airbags deploy can irritate the skin and/or cause breathing problems for people with a history of asthma or other respiratory conditions.

- To reduce the risk of breathing problems, those with asthma or other respiratory conditions should get fresh air right away by getting out of the vehicle or opening windows or doors but only if it is safe for them to do so.
- If you are in a collision in which airbags deploy, wash your hands and face with mild soap and water before eating.
- Be careful not to get the dust into your eyes, or into any cuts or scratches.
- If the residue should get into your eyes, flush them with water.



**WARNING!**

Airbags that have deployed must be replaced.

**WARNING! (continued)**

- Lamborghini recommends you use only approved original equipment airbags which it has approved which have been installed by a trained technician at an Authorized Lamborghini Dealer who has the necessary tools and diagnostic equipment to properly replace the airbags in your vehicle and assure system effectiveness in a crash.
- Never permit salvaged or recycled airbags to be installed in your vehicle.

### Advanced Airbag System, infants, child restraints and children on the passenger seat

**WARNING!**

- Be sure to read the important information and heed the WARNINGS regarding children and the Advanced Airbag System (see p. 210)
- Even though your vehicle is equipped with an Advanced Airbag System, be sure that all children - especially those 12 years old or younger - are properly restrained in a child restraint that is appropriate for their age and size..
- Lamborghini strongly recommends against ever putting a rear facing child restraint in the passenger seat because doing so may result in death or serious injury if the airbag deploys. Only put a forward facing child restraint on the passenger seat when unavoidable and move the seat as far back as possible even if the "PASSENGER AIR BAG OFF" indicator light is illuminated. Failure to do so may result in death or serious injury if the airbag deploys.

**WARNING! (continued)**

- Many children are injured or killed in crashes because they are either not restrained or not properly restrained. Vehicle accidents are a leading cause of death of children age 12 and under. Any child too small for a safety belt should be properly restrained in the appropriate child restraint. A larger child should be properly restrained with a seat belt, using a booster seat if necessary. Never hold a child on your lap because it is impossible to protect them in the event of a crash. Never put a safety belt over yourself and a child as this could result in death or serious injury in a crash. Never let two children use the same safety belt. Both children could be very seriously injured or killed in a crash. Do not allow children to operate the doors, windows or seat adjustments. Do not leave children in the vehicle unattended. Do not allow a child to play with a safety belt or wrap one around their neck because it can result in serious injury or death. Instruct children not to play with any safety belt.

Your vehicle is equipped with an Advanced Airbag System in compliance with United States Federal Motor Vehicle Safety Standard (FMVSS) 208, as well as with Canada Motor Vehicle Safety Standard (CMVSS) 208, as applicable when your vehicle was manufactured.

## **Advanced Airbag System and infants 12 months old and younger**

Your vehicle has been certified to comply with requirements for airbags, as specified in Federal Motor Vehicle Safety Standard 208. This means that the front airbag on the passenger side will be turned off automatically (“suppressed”) when the total weight detected on the seat is less than the combined weight of an infant up to about one year of age and in a standard rearward-facing or forward-facing infant restraint listed in Federal Motor Vehicle Safety Standard 208.

If the front airbag on the passenger side has been turned off automatically (“suppressed”), because the airbag control unit senses that the weight of the front occupant is below a certain threshold, the **PASSENGER AIR BAG OFF** light will turn on. If the PASSENGER AIR BAG OFF light does not come on and stay on, the front airbag on the passenger side has not been turned off and can deploy if the airbag control unit senses an impact that meets certain conditions. If the passenger’s seat is empty or there is an infant in the passenger’s seat and the PASSENGER AIR BAG OFF light does not come on and stay on, there is a malfunction in the airbag system. Do not allow anyone, especially a child, to ride in the passenger seat of the vehicle. See an Authorized Lamborghini Dealer to have the vehicle serviced.

The **PASSENGER AIR BAG OFF** warning light:

- It will stay on if the front passenger seat is not occupied.
- It will stay on if the total weight on the front passenger seat is that of a typical one-year-old infant restrained in one of the rearward-facing or forward-facing infant restraints listed in FMVSS 208.
- It will go off if the front passenger seat is occupied by an adult as registered by the weight-sensing mat (Monitoring the Advanced Airbag System - see p. 215). It can stay on if the total weight on the seat is more than the typical 1 year-old infant restrained in a child restraint but less than weight of a small adult.
- Always make sure that the **PASSENGER AIR BAG OFF** light

shows the correct status of the front passenger airbag for the age and size of the occupant on the passenger seat.

- For more detailed information on the **PASSENGER AIR BAG OFF** warning light (Monitoring the Advanced Airbag System - see p. 215).

The Advanced Airbag System is intended to help reduce the risk of injury or death caused by the front airbag. **For example, it can help reduce the risk of injury if the driver or passenger is too close to the steering wheel or instrument panel when the airbag inflates.**



### **WARNING!**

**An infant in a rear-facing child t installed on the passenger seat can be seriously injured or killed if the front airbag inflates - even if the vehicle is equipped with an Advanced Airbag System. restraint**

- **Although the Advanced Airbag System in your vehicle is designed to turn off the front airbag when a rearward-facing child restraint has been installed on the passenger seat, it may not turn off in all situations.**
- **If the front airbag inflates, it will strike the child restraint with extreme force and can injure or kill the child seated in the passenger seat.**
- **Carefully follow the manufacturer’s instructions when installing a child restraint.**
- **Always move the passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat’s fore and aft adjustment range, as far away from the airbag as possible before installing the forward-facing child restraint.**
- **Always make sure that nothing prevents the front passenger’s seat from being moved to the rearmost position in its fore and aft adjustment range.**



#### WARNING! (continued)

- Always make sure that the backrest is in the upright position.
- Never place additional items on the seat. These items can increase the total weight registered by the weight-sensing mat and can cause the airbag to inflate in a crash, resulting in possible injury to the child.
- Always make sure that the **PASSENGER AIR BAG OFF** warning light comes on and stays on when the engine is running if a child who is properly restrained in a rearward-facing child restraint is riding on the passenger seat.
- Always buckle the child restraint firmly in place even if a child is not sitting in it. A loose child restraint can fly around during a sudden stop or in a collision.
- If you must install a rearward-facing children's seat on the passenger seat because of exceptional circumstances and the **PASSENGER AIR BAG OFF** light does not come on and stay on, do not allow the child to ride in the vehicle, remove the child restraint from the passenger seat and have the airbag system inspected right away by Authorized Lamborghini Dealer.
- A tight tether or other strap on a rearward-facing child restraint attached to the passenger seat can put too much pressure on the weight-sensing mat in the seat. This could cause the weight-sensing mat to register more weight than is actually on the seat. The heavier weight that is registered can make the system work as though an adult were seated on the passenger seat. In this situation, the airbag would not shut off and could inflate in a crash, causing serious or even fatal injury to the child..

## Advanced Airbag System and children aged 3 to 6 years old and very small adults

The Advanced Airbag System in your vehicle has been certified to meet "low risk" criteria (as defined in U.S. and Canadian standards) for 3 and 6 year-old children riding on the passenger side and very small adults riding on the driver side. "Low risk" deployment occurs in those crashes that take place at lower decelerations. The "low risk" deployment criteria are intended to help reduce the risk of injury by the front airbag.

For "low risk" deployment to occur, the **PASSENGER AIR BAG OFF** warning light must be off (Monitoring the Advanced Airbag System - see p. 215). If the **PASSENGER AIR BAG OFF** warning light is illuminated, this means that the airbag will not deploy in a crash.

When a person is detected on the front passenger seat who weighs more than the total weight of an infant that is about 1 year old restrained in a rearward-facing or forward-facing child restraint, the **PASSENGER AIR BAG OFF** light may or may not come on. When the **PASSENGER AIR BAG OFF** warning light is not illuminated, the front airbag on the passenger side has not been turned off and it may or may not deploy, depending on the nature of the collision (as detected by the electronic control unit).

### For example, the airbag may deploy in the low risk-mode if:

- A small child heavier than a typical 1 year-old infant is seated in a child restraint (Child restraints and Advanced Airbags - see p. 230).
- A small adult or teenager is seated on the front passenger seat.
- The passenger is not sitting upright with his/her back against the seatback and with his/her feet on the floor in front of the seat.

For more detailed information on the **PASSENGER AIR BAG OFF**

warning light, see “Monitoring the Advanced Airbag System” (see p. 215).

A child restraint installed on the front seat can be struck by the tremendous force of the rapidly inflating passenger's airbag in a collision. The airbag could greatly reduce the effectiveness of the child restraint and seriously or fatally injure the child during inflation! Please be sure to read the important information in the sections that follow and be sure to heed all of the WARNINGS (Child safety, see p. 228).



**WARNING!**

**If the front airbag deploys, a child who requires but is not seated in a child restraint, a child in an improperly installed childrestraint, or a child in a rearward-facing childrestraint can be seriously injured or killed.**

- Even though your vehicle is equipped with an Advanced Airbag System, be sure that all children - especially those 12 years old or younger - are properly restrained by a child restraint that is appropriate for their age and size.
- If the PASSENGER AIR BAG OFF light does not come on and stay on when a child restraint is installed on the passenger seat, do not allow the child to ride in the passenger seat, remove the child restraint from the passenger seat and have the airbag system inspected right away by a an Authorized Lamborghini Dealer.
- If a larger child, such as one older than 12 years of age, sits in the passenger seat, move the seat as far to the rear as possible, have the child sit up properly and well back into the seat, with the seatback upright and wear the safety belt properly. If the safety belt cannot be used properly by a larger child, position the child in a booster seat that is properly secured to the passenger seat and carefully follow the booster seat manufacturer's instructions.



**WARNING!**

**A child in a rearward-facing child restraint installed on the passenger seat can be seriously injured or killed if the front airbag inflates - even if the vehicle is equipped with an Advanced Airbag System.**

- Although the Advanced Airbag System in your vehicle is designed to turn off the front airbag when a rearward-facing child restraint has been installed on the passenger seat, it may not turn off in all the situations.
- If the front airbag inflates, it will strike the child restraint with extreme force and can injure or kill the child seated in the passenger seat.
- Carefully follow the manufacturer's instructions when installing a child restraint.
- If you must install a rearward-facing children's seat on the passenger seat because of exceptional circumstances and the PASSENGER AIR BAG OFF light does not come on and stay on, do not allow the child to ride in the vehicle, remove the child restraint from the passenger seat and have the airbag system inspected right away by Authorized Lamborghini Dealer.
- A tight tether or other strap on a rearward-facing child restraint attached to the passenger seat can put too much pressure on the weight-sensing mat in the seat. This could cause the weight-sensing mat to register more weight than is actually on the seat. The heavier weight that is registered can make the system work as though an adult were on the passenger seat. In this situation, the airbag would not shutoff and could inflate in a crash, causing serious or even fatal injury to the child.

**WARNING!**

An improperly installed child restraint can interfere with the airbag as it deploys and seriously injure or even kill the child - even with an Advanced Airbag System.

If exceptional circumstances require you to use a forward-facing child restraint on the passenger's seat, the following special precautions must be taken to ensure the child's safety:

- Forward-facing child restraint installed on the passenger's seat may interfere with the deployment of the airbag and cause serious or fatal injury to the child!
- Make sure that the forward-facing child restraint has been designed and certified by its manufacturer for use on a front passenger seat with a front and side airbag.
- Before installing a forward-facing child restraint, always use the up-and-down and fore-and-aft controls to move the passenger seat to its highest possible position and to its rearmost position, respectively.
- Never install a child restraint without a Top Tether strap if the manufacturer's instructions for that child restraint require the use of this kind of strap.
- Never put a forward-facing child restraint up against or very close to the instrument panel.
- Always move the passenger seat to the highest position in the up and down adjustment range and move it back to the rearmost position in the seat's fore and aft adjustment range, as far away from the airbag as possible before installing the front-facing child restraint.
- Always make sure that nothing prevents the front passenger's seat from being moved to the rearmost position in its fore and aft adjustment range.
- Always make sure that the backrest is in the upright position.

**WARNING! (continued)**

- Never place additional items on the seat. These items can increase the total weight registered by the weight-sensing mat and can cause the airbag to inflate in a crash, resulting in possible injury to the child.
- Always make sure that the PASSENGER AIR BAG OFF warning light comes on and stays on when the engine is running if a child who is correctly restrained in a rearward-facing child t is riding on the passenger seat.restraint If the PASSENGER AIR BAG OFF light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected right away by an Authorized Lamborghini Dealer.
- Always buckle the child restraint firmly in place even if a child is not sitting in it. A loose child restraint can fly around during a sudden stop or in a collision.
- Read and heed all the WARNINGS when using a child restraint in a vehicle (Safety belts - see p. 197), (Airbag system - see p. 201) and (Child safety - see p. 228).

## Advanced Front Airbag System

### Description of the front airbags

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*The Advanced Airbag System provides the best supplemental protection for the driver and passenger when they are properly restrained.*



**Fig. 125 Position of airbag on driver's side: on the steering wheel.**



**Fig. 126 Position of airbag on passenger's side: on the instrument panel.**

Your vehicle is equipped with a front "Advanced Airbag System" in compliance with United States Federal Motor Vehicle Safety Standard FMVSS 208, as applicable when your vehicle was manufactured.

The airbag for the driver is in the steering wheel hub (1 - Fig. 125) and the airbag for the passenger is in the instrument panel (1 - Fig. 126). In general, the location of an airbag is marked with the words "AIR BAG". Both safety belts have pretensioners that help eliminate slack in the belt and tighten it around the occupant when the pretensioner is activated. The pretensioners are activated by the electronic control unit for the airbag system.

The safety belts also have load limiters to help reduce the forces applied to the body by the safety belt in a crash.

The Advanced Airbag System supplements the safety belts to provide additional protection for the head and chest of the driver and the passenger in a frontal collision. The airbags inflate only once in a frontal collision in which the direction and severity of the crash is sufficient to deploy the airbags.

The Advanced Airbag System is not a substitute for your safety belts. Rather, it is an integral part of the overall occupant restraint system in your vehicle. Always remember that the airbag system can help protect you only if you are seated properly, wearing your safety belt and wearing it properly. Both you and your passenger must always be properly restrained.

The safety belt buckle for the driver and front seat passenger have switches that tell the airbag control module if the safety belt is being used or not. If the safety belt is fastened, the airbag will deploy at a slightly higher rate of deceleration than if the belt was not being used. Therefore, in a particular collision, it is possible that an airbag will not deploy at a seating position where the safety belt is being used, but will inflate at the position where the safety belt is not being used. Always remember that the airbag system can protect you and your passenger in the best way possible only when the safety belt is worn properly. You and your passenger must be properly seated and restrained for this reason and not just because the law requires it.



**Front airbags will not deploy:**

- If the ignition is off when a crash occurs
- In side collisions
- In rear-end collisions
- In rollovers
- When the crash direction and severity is less than the minimum threshold required for airbag deployment, as detected by the electronic control unit.

**The front passenger airbag will also not deploy:**

- When the front passenger seat is not occupied
- When the weight on the front passenger seat as sensed by the Advanced Airbag System indicates that the front airbag on the passenger side should be turned off automatically (the **PASSENGER AIR BAG OFF** light comes on and stays on)

**WARNING!****Never rely on airbags alone for protection.**

- **Even when they deploy, airbags provide only supplemental protection.**
- **Airbags work most effectively when used with properly worn safety belts.**
- **Therefore, always wear your safety belt and make sure that everybody in your vehicle is properly restrained.**

A person on the passenger seat - especially an infant or a small child - can suffer serious injuries and may even be killed if he or she is too close to the airbag when it inflates, even if the vehicle is equipped with an Advanced Airbag System.


- If you are unrestrained, leaning forward, or sitting sideways or out of position, your risk of injury is much higher.
- Although the Advanced Airbag System in your vehicle is designed to turn off the passenger airbag in certain circumstances, it is

impossible to guarantee that the front airbag will not deploy. There are countless situations that may occur during the life of your vehicle. Therefore, it is essential to check whether the PASSENGER AIR BAG OFF warning light is on when it should be on and off when it should be off.

- The Advanced Airbag System can deploy in accordance with the "low risk" option for 3 and 6 year-old children under the U.S. Motor Vehicle Safety Standard 208 if the total weight on the front passenger seat is that of a typical one-year old child restrained in one of the forward-facing or rearward-facing child restraints identified in FMVSS 208.
- Accident statistics have shown that children are generally safer in the rear seat area (when present) than in the front seating position.
- For their own safety, all children, especially those 12 years or younger, must be carried in a restraint that is suited for their age and size .

### **Advanced Airbag System components**


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The passenger seat in your vehicle contains important components of the Advanced Airbag System. These parts include the weight-sensing mat, sensors, wiring, brackets, and more. The operation of the system in the front passenger seat is checked by the electronic control unit when the ignition is on. The control unit monitors the Advanced Airbag System and turns the airbag indicator light  on when a malfunction in the system is detected. Operation of the airbag warning light is described in greater detail below.

Because the front passenger seat contains important parts of the Advanced Airbag System, you must take care to prevent it from being damaged. Damage to the seat may prevent the Advanced Airbag for the passenger seat from doing its job in a crash.

The Advanced Front Airbag System consists of the following components:

- Impact sensors located at the front of the vehicle that measure vehicle acceleration/deceleration to provide information to the Advanced Airbag System about the severity of the impact.
- An electronic control unit, with integrated crash sensors for front and side impacts. Based on the information received from the crash sensors, the control unit “decides” whether to deploy only the front airbags. The control unit also “decides” whether the safety belt pretensioners should be activated.
- An Advanced Airbag for the driver, with gas generator, inside the steering wheel hub.
- An Advanced Airbag for the passenger, with gas generator, inside the instrument panel.
- A weight-sensing mat under the upholstery padding of the front passenger seat cushion that measures the total weight on the seat. The information registered is sent continuously to the electronic control unit to regulate deployment of the front Advanced Airbag on the passenger side.
- An airbag monitoring system is equipped with an indicator light in the instrument cluster (see p. 215).
- The **PASSENGER AIR BAG OFF** lights up on the passenger side of the instrument panel (Fig. 128 - see p. 216) to show that the advanced front airbag on the passenger's side has been turned off automatically (“suppressed”).
- A sensor inside the safety belt buckle for the front seat passenger to measure the tension on the safety belt. The tension on the safety belt and the weight registered by the weight-sensing mat help the control unit “decide” whether the front airbag for the passenger seat should be turned off or not (Advanced Airbag System, infants, child restraints and children on the passenger seat - see p. 205).
- A switch in the safety belt buckle for the driver and for the front seat passenger that senses whether that safety belt is latched or not and transmits this information to the electronic control unit.

 <b>WARNING!</b>	
<b>Damage to the front passenger seat can prevent the front airbag from working properly. Improper repair or disassembly of the passenger and driver seat will prevent the Advanced Airbag System from working properly.</b>	
<ul style="list-style-type: none"><li>• <b>Repairs to the driver or passenger seat must be performed by qualified, properly trained personnel an Authorized Lamborghini Dealer.</b></li><li>• <b>Never remove the passenger or driver seat from the vehicle.</b></li><li>• <b>Never remove the upholstery from the driver or passenger seat.</b></li><li>• <b>Never disassemble or take parts off the seat or disconnect wires from it.</b></li><li>• <b>Never carry sharp objects in your pockets or put them on the seat. If the weight-sensing mat in the passenger seat is punctured it cannot work properly.</b></li><li>• <b>Never carry things on your lap or carry objects on the passenger seat. Such items can increase the weight registered by the weight-sensing mat and send the wrong information to the airbag control unit.</b></li><li>• <b>Never store items under the passenger seat.</b></li><li>• <b>Do not cover or replace the original Lamborghini seats installed by the manufacturer, and do not cover or replace the upholstery on the seatbacks with after-market upholstery.</b></li><li>• <b>After-market seat or seatback covers can prevent the Advanced Airbag System from recognizing a child restraint or occupant on the passenger seat. They can also prevent the side airbag in the seat from deploying properly. Always replace the upholstery on the seat cushions and seatbacks with Lamborghini original replacement upholstery.</b></li></ul>	

**WARNING! (continued)**

- Never use cushions, pillows, blankets or similar items on the passenger seat. The additional padding will prevent the weight-sensing mat in the seat from accurately registering the child restraint or person on the seat and may therefore prevent the Advanced Airbag System from functioning properly.
- If you must use a child restraint on the passenger seat and the manufacturer's instructions require the use of a towel, foam cushion or other item to properly position the child restraint, make certain that the **PASSENGER AIR BAG OFF** warning light comes on and stays on when the child restraint is installed on the passenger seat.
- If the **PASSENGER AIR BAG OFF** warning light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected right away by an Authorized Lamborghini Dealer.

**WARNING!**

If the passenger seat gets wet, be sure to dry it off right away.

- If liquid penetrates the passenger seat, it may prevent the airbag system from operating correctly and could, for example, disable the front passenger airbag. If this occurs, the **PASSENGER AIR BAG OFF** warning light and the airbag warning light will both light up on the instrument cluster.
- Even if liquid pools on the seat without being absorbed, it could prevent the airbag system from operating correctly and enable the front passenger airbag, even though a child restraint is correctly installed on the seat. Wet towels and other damp items resting on the seat can have the same effect. When the front passenger airbag is enabled, the **PASSENGER AIR BAG OFF** warning light goes out.

## How the Advanced Airbag System components work together

The front Advanced Airbag System and the combined head/torso side airbags supplement the protection offered by the safety belts (with pretensioners and load limiters) and by the integrated head restraints. The airbags thus reduce the risk of injury, death or other physical harm in a wide range of accident and crash situations.

Be sure to read the important information about safety and heed the **WARNINGS** contained in this Owner's Handbook.

Deployment of the Advanced Airbag System and activation of the safety belt pretensioners depend on the deceleration measured by the crash sensors and recorded by the electronic control unit.

Crash severity depends on speed and deceleration, as well as on the mass and stiffness of the vehicle or object involved in the crash.

The airbag on the passenger side is deactivated if the weight on the passenger seat is less than the weight programmed into the electronic control unit, regardless of whether the safety belt is worn. The **PASSENGER AIR BAG OFF** warning light comes on and stays on to tell you when the front Advanced Airbag on the passenger side has been turned off (Advanced Airbag System, Infants, Child restraints and Children on the front seat - see p. 205).

**WARNING!**

To reduce the risk of injury or death when an airbag inflates, always wear safety belts properly.

- If you are unrestrained, leaning forward, sitting sideways or out of position in any way, your risk of injury or death is much higher.



**WARNING! (continued)**

- Occupants may also be seriously injured or even be killed if they are in contact with the airbag or in immediate proximity to it when it inflates, even if the vehicle is equipped with an Advanced Airbag System (Importance of wearing safety belts and sitting properly - see p. 201).



**WARNING!**


**An airbag that has deployed can no longer provide protection of any kind and must be replaced.**

- Always turn off the ignition after an airbag has deployed.
- Never try to repair or change an airbag system, and never attempt to cut an inflated airbag from the steering wheel or instrument panel.
- An airbag that has deployed cannot provide any protection and must be replaced.
- Use only original equipment airbags approved by Lamborghini and installed by a trained technician who has the necessary tools and diagnostic equipment to properly replace the airbags in your vehicle.
- Never permit salvaged or recycled airbags to be installed in your vehicle.

## Important things to know about front airbags



**Fig. 127 Front airbag deployment zone (image for illustrative purposes).**

The zones outlined in red (broken lines in Fig. 127) illustrate the general area of deployment for the driver and passenger front airbags. Never place or attach accessories or other objects (such as cup holders, telephone brackets, or large, heavy or bulky objects) near these areas, on the module of the driver's steering wheel or on the module on the passenger side dashboard, above the seatbacks, or between the seatbacks and the doors (=> .

**WARNING!**

Objects placed between an occupant and the front airbag will increase the risk of injury or death in a crash by interfering with the way the airbag unfolds or by being pushed against the occupant as the airbag inflates.

- Never hold things in your hands or on your lap when the vehicle is in use.
- Never place or attach accessories or other objects (such as cup holders, telephone holders, or large, heavy or bulky objects) on the front airbag module cover, above or near the area marked "AIR BAG" on the steering wheel, instrument panel, seatback or between those areas (Fig. 127) and yourself. These objects may cause injury in a collision, especially if the airbags inflate.
- Never use the passenger's seat to transport objects.
- Objects near the airbags can fly dangerously through the passenger compartment and cause injury or death, particularly when the seat is reclined. Only place objects in the storage compartments provided.
- Always make sure that nothing is on the front passenger seat when the backrest is folded forward.

## Monitoring the Advanced Airbag System

### Airbag monitoring indicator light

Two separate lights monitor the operation of the Advanced Airbag System: the airbag monitoring indicator light and the **PASSENGER AIR BAG OFF**.

The Advanced Airbag System (including the airbag modules, electronic control unit, sensors and wiring) is monitored continuously when the engine is running to ensure the system is functioning properly. Each time you start the engine, the airbag warning light will come on for a few seconds (in a self test) and the word AIR BAG will appear on the instrument cluster.

If the Advanced Airbag System is operating correctly, the comes on when the engine is started and then goes out after a few seconds. The Advanced Airbag System is not operating properly and must be inspected when the indicator light:

- Does not come on when the engine is started.
- Does not go out a few seconds after the engine starts.
- Goes out and then comes on again.
- Flashes when the ignition is switched on.
- Comes on or flashes while you are driving.

If an airbag system malfunction is detected, the warning light will come on and stay on to inform the driver that the system must be inspected immediately.

The PASSENGER AIR BAG OFF warning light comes on either when the passenger seat is unoccupied or when it is occupied by a child weighing around 20 lbs or less who is riding in a rear-facing child restraint. On the other hand, the warning light will not come on when the passenger seat is occupied by a child weighing between 20 lbs and 40 lbs who is riding in a forward-facing child restraint or

convertible child restraint, by a larger child riding on a booster seat, or by a teenager or adult wearing a safety belt.

If the PASSENGER AIR BAG OFF warning light is lit, the front airbag on the passenger side will not deploy if an accident occurs.

If the PASSENGER AIR BAG OFF warning light is not lit, the front airbag on the passenger side may deploy if certain parameters are met during an accident.

Also, if the PASSENGER AIR BAG OFF warning light is operating properly, it will come on either when the passenger seat is unoccupied or when it is occupied by a child weighing around 20 lbs or less who is riding in a rearward-facing child restraint.

If the PASSENGER AIR BAG OFF warning light is lit, the front airbag on the passenger side will not deploy if an accident occurs.

If the front airbag on the passenger side is NOT operating properly, the PASSENGER AIR BAG OFF warning light will NOT come on or will NOT stay on when the passenger seat is unoccupied or when it is occupied by a child weighing around 20 lbs or less who is riding in a rearward-facing child restraint.

If the PASSENGER AIR BAG OFF warning light does not come on, a malfunction may have occurred that could cause the airbag on the passenger side to deploy.

The airbag system must therefore be inspected immediately by an Authorized Lamborghini Dealer.

## PASSENGER AIR BAG OFF warning light



Fig. 128 PASSENGER AIR BAG OFF light.

The **PASSENGER AIR BAG OFF** warning light will come on and stay on to advise you that the front Advanced Airbag on the passenger side has been turned off.

If the bulb for the **PASSENGER AIR BAG OFF** warning light burns out, the airbag monitoring indicator light  will come on and signal a malfunction in the Advanced Airbag System.

Although the burned-out bulb will not change the way the front airbag on the passenger side works, it will no longer be possible to use the **PASSENGER AIR BAG OFF** warning light to make sure that the airbag ON/OFF status is correct for the occupant on the passenger seat.

Have the airbag system inspected immediately by your Authorized Lamborghini Dealer.

The **PASSENGER AIR BAG OFF** warning light will blink for 5 seconds when:



### WARNING!

**An airbag system and safety belt pretensioner that are not working properly cannot provide supplemental protection in a frontal collision.**

- **If the airbag indicator light comes on, it means that there may be something wrong with the Advanced Airbag System. The airbag may inflate when it should not, and may not inflate when it should.**
- **Do not use the vehicle and have your airbag system inspected right away by an Authorized Lamborghini Dealer.**

- the instrument cluster is switched on, or
- there is a change in the weight measured by the weight-sensing mat in the passenger seat that determines whether the Advanced Airbag on the passenger side should remain activated or will be turned off.

When the **PASSENGER AIR BAG OFF** warning light stops flashing, check whether the ON or OFF status of the airbag is correct for the size and weight of the passenger, as indicated by the **PASSENGER AIR BAG OFF** warning light. Be sure that the child restraint and the seat belt on the passenger seat are used correctly.

The **PASSENGER AIR BAG OFF** light will show the status of the front Advanced Airbag on the passenger side a few seconds after the ignition has been switched on and:

- Will stay on if the front passenger seat is not occupied.
- Will stay on if the combined weight of an infant up to about one year of age in one of the rearward-facing or forward-facing child restraints identified in Federal Motor Vehicle Safety Standard (FMVSS) 208, is detected by the weight-sensing mat in the front passenger seat (Child restraints and Advanced Airbags - see p. 230).
- Will go out if the front passenger seat is occupied by an adult as registered by the weight-sensing mat.

**The PASSENGER AIR BAG OFF warning light must come on and stay on when the ignition is switched on and:**

- A child restraint system has been installed on the passenger seat.
- A rearward-facing child restraint has been installed on the passenger seat.
- If the total weight detected on the front passenger seat is that of a 1 year-old infant restrained in one of the rearward-facing or forward-facing child restraints listed in Federal Motor Vehicle Safety Standard (FMVSS) 208.

If the passenger seat is not occupied, the front passenger airbag will not deploy, and the **PASSENGER AIR BAG OFF** light will stay on.

**If the PASSENGER AIR BAG OFF warning light comes on.**

- If the **PASSENGER AIR BAG OFF** warning light comes on when one of the conditions listed above is met, be sure to check the light regularly to make certain that it stays on continuously when the engine is running. If the **PASSENGER AIR BAG OFF** light does not appear and does not stay on all the time, stop as soon as it is safe to do so.
- Reactivate the system by turning the ignition off and then turning it on again.
- Remove and reinstall the child restraint. Make sure that the child restraint is properly installed and that the safety belt for the front passenger seat has been correctly routed through the child restraint as described in the child restraint manufacturer's instructions.
- Make sure that the Automatic Locking Retractor on the safety belt for the passenger seat has been activated and that the safety belt has been pulled tight. The belt must not be loose or have loops of slack; otherwise, the sensor in the safety belt buckle on the seat cannot do its job (Installing a child restraint using a standard three-point safety belt - see p. 242).



**WARNING!**

- **Make sure that things that may increase the weight of the child and child restraint are not being transported on the passenger seat.**
- **Make sure that the seat belt tension sensor is not blocked. Shake the seat belt buckle on the front passenger seat back and forth.**
- **Always make sure that nothing can interfere with the safety belt buckles and that they are not obstructed.**



**WARNING! (continued)**

- **Make sure that the passenger seat is free from wet items (such as wet towels), water and other liquids.**
- **If the tether straps supplied with the child restraint system are used to secure the child restraint to the front passenger seat, make sure that they are not so tight that they cause the weight-sensing mat to measure more weight than is actually on the seat. This precaution also applies to the seat belt on the passenger side.**

**If the PASSENGER AIR BAG OFF warning light stays off...**

If the **PASSENGER AIR BAG OFF** warning light stays off and/or does not stay on (after the engine starts):

- Do not allow the child to ride and have the airbag system inspected by an Authorized Lamborghini Dealer.

**The PASSENGER AIR BAG OFF warning light should not come on...**

The **PASSENGER AIR BAG OFF** warning light should not come on when the engine is running and an adult is sitting in a proper seating position on the passenger seat. If the **PASSENGER AIR BAG OFF** warning light comes on and stays on under these circumstances, make sure that:

- The adult on the passenger seat is properly seated well back on the seat cushion with his or her back against the seatback and that the seatback is not reclined (Proper occupant seating positions - see p. 186).
- The adult is not taking weight off the seat by holding on to the passenger assist handle above the front passenger door or supporting their weight on the center console or holding onto the assist handle on the instrument panel.
- The safety belt is being properly worn and slack in the safety belt webbing has been removed.
- Accessory seat covers or cushions or other things that may

cause an incorrect reading or impression on the weight-sensing mat under the upholstery of the seat have been taken off the front passenger seat.



**WARNING!**

**If the status of the Advanced Airbag System has changed while the vehicle is moving, the PASSENGER AIR BAG OFF light blinks for about 5 seconds to catch the driver's attention. In this happens, stop as soon as it is safe to do so and perform the checks described above.**



**WARNING!**

**If the PASSENGER AIR BAG OFF warning light does not turn off when an adult of normal size is sitting on the passenger seat and the checks described above have been performed, make sure the adult is properly seated as far away from the instrument panel as possible. Have the airbag system inspected by your Authorized Lamborghini Dealer before allowing anyone to occupy the passenger seat.**



**Note**

If the weight-sensing mat in the passenger seat detects an empty seat, the front airbag on the passenger side will turn off automatically, and the **PASSENGER AIR BAG OFF** warning light will stay on.



## Repair, care and disposal of airbags

Components of the airbag system are installed at many different places in your Lamborghini. Installing, removing, servicing or repairing a component in the vehicle may damage a component in the airbag system and prevent the system from working properly in a collision.

There are some important things you have to know to make sure that the effectiveness of the system will not be impaired and that discarded components do not cause injury or pollute the environment.



### WARNING!

**Improper care, servicing and repair procedures can increase the risk of personal injury or death by preventing an airbag from deploying when needed or deploying an airbag unexpectedly:**

- Never cover, obstruct, replace or modify the steering wheel horn pad or the instrument panel in the areas covering the passenger and driver airbag modules.
- Never attach any objects such as cup holders or telephone holders to the surfaces covering the airbag modules.
- For cleaning the steering wheel horn pad or instrument panel, use only a soft cloth that is dry or moistened with plain water. Solvents and stain removers can damage the material covering the airbag module or change the stiffness and strength of the material, which may prevent the airbag from deploying and providing protection.
- Never attempt to repair, adjust, or change any parts of the airbag system yourself; always ask a qualified expert.



### WARNING! (continued)

- **All work on the steering wheel, instrument panel, seats or electrical system (including the installation of audio equipment, cell phones and CB radios, etc.) must be performed by a qualified technician who has the manuals, training and special equipment that are necessary.**
- **For any work on the airbag system, contact Authorized Lamborghini Dealer.**
- **Never modify the front bumper or other parts of the body.**
- **Make sure that the side airbag can inflate without interference:**
  - Do not cover or replace the original Lamborghini seats installed by the manufacturer and do not cover or replace the upholstery on the backrests with additional or replacement after-market upholstery.
  - After-market seat or seatback covers can prevent the Advanced Airbag System from recognizing a child restraint or occupant on the passenger seat. They can also prevent the side airbag in the seat seatback from deploying properly.
  - Always replace the upholstery on the seats and seatbacks with Lamborghini original replacement upholstery.
  - Never put covers or replacement upholstery on the seatbacks unless these accessories have been specifically approved by Lamborghini.
  - Never put additional seat cushions, blankets or other coverings over the areas where the side airbags inflate.
  - Damage to the original seat covers or to the seam in the area of the side airbag module must always be repaired immediately by Qualified Lamborghini Dealer.
- The airbag system can be activated only once. After an airbag has inflated, it must be replaced.



#### **WARNING! (continued)**

- **Use only original equipment airbags approved by Lamborghini and installed by a trained technician who has the necessary tools and diagnostic equipment to properly replace any of the airbags in your vehicle and assure system effectiveness in a crash.**
- **Never permit salvaged or recycled airbags to be installed in your vehicle.**



#### **Protecting the environment**

Undeployed airbag modules and pretensioners are classified as perchlorate material and may require special handling. Log on to [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate). When the vehicle or parts of the restraint system (complete with airbag modules and safety belts with pretensioners) are scrapped, all applicable laws and regulations must be obeyed. We recommend contacting a Qualified Lamborghini Dealer, as they are familiar with the procedures to follow.

#### **Other factors that may affect Advanced Airbag System performance**

Modifying the vehicle's suspension system can change the way that the Advanced Airbag System works in a crash.

For example, using tire-rim combinations not approved by Lamborghini, lowering the vehicle or changing the stiffness of the suspension - including the springs, suspension struts, shock absorbers etc. - can change the acceleration values detected by the airbag sensors and processed by the electronic control unit.

For example, certain changes to the suspension may increase the forces measured by the sensors and cause the airbag system to deploy in situations in which it would not otherwise have deployed if the changes had not been made. Other kinds of changes may reduce the acceleration values measured by the sensors and prevent the airbags from deploying when they should.



#### **WARNING!**

**Changing the vehicle's suspension - including use of tire/rim combinations that do not meet Automobili Lamborghini specifications - can affect Advanced Airbag System performance and increase the risk of serious injury or death in a crash!**

**Do not install tires in sizes that are different from the original sizes: the sizes of original equipment tires are specified in the vehicle's registration document and in the Technical Data section of this Owner's Handbook (see p. 385).**

- **Never install suspension components that do not have the same performance characteristics as the components originally installed on your vehicle.**
- **Never use tire/rim combinations that do not meet Automobili Lamborghini specifications.**



#### **WARNING!**

**Always make sure that nothing can interfere with the safety belt buckles and that they are not obstructed.**

## Combined side head/torso airbags in the standard seats

### Location and function

*The combined side head/chest airbags inflate in a fraction of a second and can help reduce the risk of injuries to the upper-torso and head of occupants who are properly seated and restrained in certain side impacts.*



**Fig. 129** Combined side head/torso airbags in the seats.



**Fig. 130** Marker showing the location of the combined side head/torso airbags in the seats.

The combined side head/torso airbags are located in the padding of the seatbacks (Fig. 130).

In general, the airbags are identified by the word “AIR BAG” along the seam on the seatback.

The combined side head/torso airbag system includes:

- An electronic control unit with integrated front and side airbag sensors
- Two combined side head/torso airbags along the seam in the outboard side of the seatbacks
- The airbag monitoring indicator light in the instrument cluster

In certain side collisions, the supplemental combined side head/torso airbags inflate in the area between the occupant and the door panel on the side of the vehicle that is struck. The combined side head/torso airbags are designed to minimize the risk of injury or death caused by collision and/or rollover, and to help reduce the risk of injuries caused by the airbags when they inflate.

When the system is triggered, the airbag is filled with propellant gas and breaks the seam on the side of the seatback, specifically at the point identified by the word “AIR BAG”. The bag inflates in the space between the side trim panel and the passenger. To provide this extra protection, the side head/torso airbag must inflate in a fraction of a second, at very high speed, and with great force. The supplemental side head/torso airbag may cause injuries if the occupant is not correctly seated and upright, or if items are located in the area where the supplemental side airbag inflates. This is particularly true for children (Child Safety - see p. 228). Although they are not soft pillows, these airbags can cushion impact and thus help reduce the risk of injury to the upper part of the body.

A fine dust may be released when the airbag deploys. This is normal and does not mean there is a fire in the vehicle. The airbag system

is monitored electronically to ensure it is operating properly. Every time you switch on the ignition, the airbag system warning light will come on for a few seconds (self test).

The combined side head/torso airbag system supplements the safety belts and can reduce the risk of injury to the upper torso and head of the occupant on the side of the vehicle that is struck in a side collision. The airbag inflates only in side impacts and only when the acceleration registered by the control unit is high enough.

If the acceleration rate is below the reference values programmed into the control unit, the side airbags will not be triggered, even though the vehicle may be badly damaged as a result of the collision. It is not possible to define an airbag triggering range that will cover every possible impact, since the circumstances of individual collisions vary considerably. Examples of important factors include the nature of the object (soft or hard) the vehicle has struck, the angle of impact, the speed of the vehicle, etc. The amount of damage suffered by the vehicle, the cost of repair or even the absence of damage do not necessarily indicate that the airbag functioned correctly (Important safety instructions for the side airbag system - see p. 223).

Aside from their normal safety function, safety belts help to keep the driver or passenger in position in a side collision so that the combined side head/torso airbags can provide protection when they inflate. The airbag system is not a substitute for your safety belt. Rather, it is part of the overall occupant restraint system in your vehicle. Always remember that the airbag system can protect you and your passenger in the best way possible only when the safety belt is worn properly. This is another reason why safety belts must always be worn - and not just because the law requires them to be worn (Safety Belts - see p. 197). Although the supplemental side airbags are designed to help reduce the likelihood of serious injuries in certain side impacts, remember that other injuries (such as swelling, bruising, friction burns and minor abrasions) may be caused by these airbags.

Remember that side airbags will deploy only once and only in certain

kinds of accidents, and that safety belts offer protection in accidents in which the airbags are not supposed to deploy or have already deployed.

**The side airbag system will not inflate:**

- If the engine is off
- In side collisions that are not severe enough for deployment
- In head-on collisions
- In rear-end collisions
- When the vehicle overturns, unless the control unit detects conditions that require the airbag system to deploy



**WARNING!**

- **Safety belts and the airbag system only provide protection when occupants are in the correct seating position.**
- **If the airbag indicator light comes on during vehicle operation, the side airbag system may not work properly, even when vehicle deceleration in a side collision is high enough to trigger the airbag. Have the airbag system inspected immediately by your Authorized Lamborghini Dealer.**

## Important safety instructions for the combined side head/torso airbag system

There is much that you and your passenger must be aware of to enable the safety belts and airbags to protect you.



### WARNING!

An inflating side airbag can cause serious or even fatal injury! Improperly worn safety belts and improper seating positions increase the risk of serious personal injury or death whenever a vehicle is operated.

- Safety belts and the airbag system provide protection only when vehicle occupants are sitting in the correct position (Safety Belts - see p. 192).



### WARNING!

- To help reduce the risk of injury or death when the supplemental side airbag inflates:
  - Always sit in an upright position and do not lean toward the area where the supplemental side airbag is located.
  - Never let anyone - and particularly a child - rest their head against the side trim panel in the area where the supplemental side airbag deploys. Stay properly seated on the seat, with the head aligned with the body and the seat.
  - Always make sure that the safety belts are worn correctly.
  - Never let anyone put their head, hand or arms out of the window.
- Make sure that the side airbag can inflate without interference:



### WARNING! (continued)

- Do not cover or replace the original Lamborghini seats installed by the manufacturer and do not cover or replace the upholstery on the backrests with additional or replacement after-market upholstery.
- After-market seat or seatback covers can prevent the Advanced Airbag System from recognizing a child restraint or occupant on the passenger seat. They can also prevent the side airbag in the seat seatback from deploying properly. Always replace the upholstery on the seats and seatbacks with Lamborghini original replacement upholstery.
- Never put additional seat cushions, blankets or other coverings over the areas where the side airbags inflate.
- Damage to the original seat upholstery or to the seam in the area of the side airbag module must always be repaired immediately by an Authorized Lamborghini Dealer.
- Objects placed between you and the airbag will increase the risk of injury in a crash by interfering with the way the airbag unfolds or by being pushed against you as the airbag inflates.
- Never place or attach accessories or other objects (such as cup holders, cell phone holders, or large, bulky objects) on the doors or over (or around) the area marked with "AIR BAG" on the seatbacks.
- When the supplemental side airbag inflates, accessories and other objects can be flung dangerously through the passenger compartment and cause injuries.
- Both you and your passenger must be correctly seated, and your safety belts must be fastened.



#### **WARNING! (continued)**

- **Place all objects in the storage compartments provided. Never leave them around, place them on any surface, or wedge them into component parts of the passenger compartment.**
- **Always use the built-in coat hooks only for lightweight clothing.**
- **Never leave heavy or sharp-edged objects in your pockets. These items may interfere with side airbag deployment and cause personal injury in a collision.**
- **Make sure that the side airbags are not damaged by heavy objects knocking against or hitting the sides of the seatbacks.**
- **The airbag system can be triggered only once. If an airbag has deployed, the system must be replaced.**
- **Always have work involving the side airbag system (including removal, replacement and installation of the airbag components) or other repairs performed by an Authorized Lamborghini Dealer . Otherwise, the airbag system may not operate correctly.**
- **Never try to modify any components in the airbag system.**

## **Knee airbags**

### **Description of knee airbags**

The knee airbag system can provide supplemental protection to properly seated and properly restrained occupants.



**Fig. 131 Locations of knee airbags.**

The driver's knee airbag is located on the instrument panel, in the area below the steering wheel (1 - Fig. 131). The knee airbag for the passenger is located at about the same height on the instrument panel, in the area below the glove compartment.

The knee airbag offers additional protection to the driver's and passenger's knees and upper and lower thigh areas. It also supplements the protection provided by the safety belts.

If the front airbags deploy in a frontal collision, the knee airbags will also deploy if the deployment conditions programmed into the control unit are met (How knee airbags work - see p. 226), and the safety belt pretensioners will trip.

### Important things to know about knee airbags

In addition to their normal safety function, safety belts help keep the driver and passenger in position in a frontal collision so that the airbags can provide supplemental protection.

The airbag system is not a substitute for the safety belts. Rather, it is an integral part of the occupant restraint system in your vehicle. Always remember that the airbag system can protect the occupants of a vehicle only if they are sitting upright and wearing their safety belts correctly. Therefore, you should always wear your safety belt - not just because the law requires you to do so (Safety belts - see p. 197).

### General information


The safety belt buckles for the driver and passenger are each equipped with a switch that signals the airbag control module when the safety belt is fastened. If the safety belt is being used, the knee airbag will deploy at a slightly higher rate of deceleration than if the belt is not being used. Therefore, in a particular collision, it is possible that an airbag will not deploy at a seating position where the safety belt is being used, but will inflate at the position where the safety belt is not being used.

It is important to remember that while the supplemental knee airbag system is designed to reduce the likelihood of serious injuries, other injuries, for example, swelling, bruising, minor abrasions and friction burns can also occur when an airbag inflates.

The knee airbag system basically consists of:

- An electronic control module
- Two airbag modules (airbag and gas generator) - one for the driver and one for the passenger
- The airbag indicator light in the instrument cluster

### The knee airbag system will not deploy:

- When the engine is not running
- In a frontal collisions that are not sufficiently severe
- In a side collision
- In a rear-end collision
- In a rollover
- If the system malfunctions, with the  warning light on (Airbag System - see p. 37)



#### WARNING!

- **Safety belts and the airbag system can only provide protection when occupants are in the proper seating position (Proper occupant seating positions - see p. 186).**
- **If the airbag indicator light comes on when the vehicle is being driven, have the system inspected immediately by an Authorized Lamborghini Dealer.**

## How knee airbags work

*The risk of injury to the leg area of properly seated occupants can be reduced by knee airbags.*



Fig. 132 Knee airbag.

The knee airbag system has been designed so that the airbags for the driver and front passenger deploy in certain but not in all frontal collisions.

If the front airbags deploy, the knee airbags also deploy in frontal collisions in which the deployment threshold is met.

When the system deploys, the airbags fill with a propellant gas and inflate between the lower part of the instrument panel and the driver, and between the lower part of the instrument panel and the front passenger (1 - Fig. 132). They can help to reduce the risk of injury to the lower extremities.

All of this takes place in the blink of an eye, so fast that many people don't even realize that the airbags have deployed. The airbags also inflate with a great deal of force, and it is important for occupant safety that nothing be in their way when they deploy.

Fully inflated knee airbags in combination with properly seated occupants wearing safety belts help limit the occupant's forward movement and help to reduce the risk of injury or death.

### Important safety instructions regarding the knee airbag system

Airbags are only supplemental restraints. Always wear safety belts correctly and ride in a proper seated position.

There is a lot that you and your passengers must know and do to help the safety belts and airbags to provide supplemental protection.



#### WARNING!

- **An inflating knee airbag can cause serious injury. Wearing safety belts incorrectly and improper seating positions increase the risk of serious personal injury and death!**
- **The knee airbag system cannot protect you properly if you are seated too close to any of the airbag locations. When adjusting their seat positions, it is important that both the driver and the front passenger keep their upper bodies and knees at the following minimum safe distances:**
  - **At least 10 in. between the chest and the steering wheel/instrument panel.**
  - **At least 4 in. between the knees and the lower part of the instrument panel.**
- **The risk of personal injury increases if you lean forward or to the side, or if the seat is improperly positioned and you are not wearing your safety belt. The risk increases even more should the airbag deploy.**





**WARNING! (continued)**

- Always make sure that the knee airbag can inflate without interference. Objects lying between a vehicle occupant and the airbag can increase the risk of injury in an accident by interfering with the way the airbag deploys or by being pushed into the occupant as the airbag deploys.
- Never let anybody - especially children or animals - ride in the footwell in front of the passenger seat. If the airbag deploys, this can result in serious or fatal injuries.
- Never carry objects of any kind in the footwell area in front of the driver's or passenger's seat. Bulky objects (shopping bags, for example) can interfere with or prevent proper deployment of the airbag. Small objects can be thrown through the vehicle if the airbag deploys and injure you or your passengers.
- Make sure there are no cracks, deep scratches or other damage in the area of the instrument panel where the knee airbags are located.
- If children are incorrectly seated, their risk of injury increases in a collision (Child Safety, see p. 228).

## Child safety

### Child restraint systems

#### **Introduction - Children, rearward-facing and forward-facing child restraints, restraints and safety belts**

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According to accident statistics, children are safer when properly restrained in the rear seating positions (if available) than in the front seating positions.

Lamborghini recommends carrying children, who must be suitably protected, on the rear seat of your family car.

The physical principles of what happens when your vehicle is in a collision or other accident also apply to children (Why safety belts? - see p. 194).

However, unlike adults and teenagers, their muscles and bones are not fully developed. In many respects, children are at greater risk of serious injury in accidents than most adults are.

Because their bodies are not fully developed, children must use restraints that are specifically designed for their height, size and body structure. Children must be protected by a different child restraint at each stage in their development - from infancy to adolescence. Rearward-facing and forward-facing child restraints, booster seats, and finally safety belts are used according to the child's age, height, and size.

All states in the United States and all provinces in Canada have laws requiring the use of approved child restraints for infants and children.

Like adult seat belts, child restraints must be used properly to be effective. Used improperly, they can increase the risk of serious injury or death in an accident! See the manufacturer's instructions to

be sure the restraint is right for your child's size ("Important safety instructions for using child restraints", see p. 231).

Please be sure to read and heed all of the important information and WARNINGS in this Owner's Handbook about child safety, Advanced Airbags, and the installation of child restraints.

There is a lot you need to know about the Advanced Airbags in your vehicle and how they work when infants and children in child restraints are carried on the passenger seat. We urge you to read the detailed information in this Owner's Handbook regarding the Advanced Airbag System in your vehicle, as well as the highly important information about carrying children on the passenger seat. Be sure to heed the WARNINGS carefully - they are extremely important for your safety and the safety of your passengers, especially infants and small children.



#### **WARNING!**

**Children seated on the front seat of any vehicle - even if it is equipped with an Advanced Airbag System - can be seriously injured or even killed when an airbag inflates.**

- **A child in a rearward-facing child restraint installed on the passenger seat can be seriously injured or killed if the front airbag inflates.**
- **The inflating airbag may hit the child and the child restraint with great force and hurl the child against the child restraint, seatback, door, window, door frame or roof.**

**WARNING! (continued)**

- **Even though your vehicle is equipped with an Advanced Airbag System, placing a rearward-facing child restraint or forward-facing child restraint in the passenger seat can result in serious injury or death if the front airbag deploys. Lamborghini strongly recommends against ever putting a rearward-facing child restraint in the passenger seat because doing so may result in death or serious injury if the airbag deploys. Only put a forward-facing child restraint on the passenger seat when unavoidable and move the seat as far back as possible even if the PASSENGER AIR BAG OFF indicator light is illuminated. Failure to do so may result in death or serious injury if the airbag deploys.**

If exceptional circumstances require the use of a rearward-facing child restraint, a forward-facing child restraint or a booster seat on the passenger's seat, the following special precautions must be taken to ensure the child's safety:

- Make sure that the rear-facing, forward-facing child restraint or booster seat has been designed and certified by its manufacturer for use on the passenger seat with a front and side airbag.
- Always carefully follow the manufacturer's instructions provided with the child restraint system.
- Before installing a child restraint, move the passenger seat back until it latches in the rearmost position and is as far away from the airbag as possible.
- Make sure that nothing prevents the seat from being moved all the way back to its rearmost position.
- Make sure that the passenger seatback is in the upright position.
- Never install a child restraint without a tether strap.
- Never place a child restraint up against or close to the instrument panel.
- Before installing a child restraint, always use the up-and-down and

fore-and-aft controls to move the passenger seat to its highest possible position and to its rearmost position, respectively.

- Never load the passenger seat with additional items that can increase the total weight registered by the weight-sensing mat and cause injury or death in a crash!
- Make sure that the passenger seat is free from wet items (such as wet towels), water and other liquids.
- Always make sure that the PASSENGER AIR BAG OFF light comes on and stays on all the time whenever the ignition is switched on.
- Always fasten the child restraint firmly in place, even if a child is not sitting in it. A loose child restraint can flung around the passenger compartment during a sudden stop or in a collision and cause injury.
- Read and heed all the WARNINGS when using a child restraint system in a vehicle (Safety belts - see p. 197), (Airbag system - see p. 201) and (Child safety - see p. 228).

**Note**

When installing a child restraint, be careful not to get the belt caught in the structure of the child restraint and become damaged, especially when the Automatic Locking Retractor has been activated.

So you aren't sure whether to use a rearward-facing child restraint, a forward-facing child restraint, a booster seat or a safety belt to protect your child?

You aren't sure whether you have installed your rearward-facing child restraint, forward-facing child restraint or booster seat correctly? You aren't sure whether your child is heavy enough and tall enough to use only a safety belt?

An NHTSA expert on safe child transportation can inspect the child restraint you installed and answer your questions at any NHTSA Child Seat Inspection Station. For further information, simply register at [www.nhtsa.gov](http://www.nhtsa.gov), and click on the icon for child safety and on the link for locating the nearest child safety seat inspection station.

## The Advanced Front Airbag System and children


### Advanced Airbags

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The Advanced Airbag System in your vehicle detects the presence of an infant or child in a child restraint on the passenger seat using the weight-sensing mat in the seat cushion and the sensor in the safety belt buckle on the front passenger seat that measures the tension on the safety belt.


The weight-sensing mat measures total weight of the child and the child restraint on the front passenger seat. The weight exerted on the passenger seat depends on the design of the child restraint, its size, and on the size and shape of the bottom of the child restraint (its "footprint") as it rests on the seat. The weight of a child restraint and its "footprint" vary for different kinds of child restraints and for the different models of the same kind of child restraint offered by child restraint manufacturers.

The electronic control unit registers the tension on the passenger safety belt, as detected by a sensor in the belt buckle. The tension on the seat belt for the front passenger seat will be different for an adult who is properly using the seat belt as compared to the tension on the belt when it is used to attach a child restraint to the seat. The input from this sensor is then used with the weight to "decide" whether there is a child on the front passenger seat and whether or not the airbag must be turned off. For more detailed information please read (Advanced Airbag System, infants, child restraints and children on the passenger seat - see p. 205).

 <b>WARNING!</b>
<b>Be sure to read the information and heed the WARNINGS with important details about the system (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).</b>

### Child restraints and Advanced Airbags

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 <b>WARNING!</b>
<ul style="list-style-type: none"><li>• <b>Regardless of the child restraint that you use, make sure that it has been certified to meet United States Federal Motor Vehicle Safety Standard 213 or, if you live in Canada, Canada Motor Vehicle Safety Standard 213. Also make sure that the child restraint you are using has been certified for use with an airbag by its manufacturer. Be sure that the child restraint is properly installed. If in exceptional circumstances you must use it on the passenger seat, carefully read all of the information on child safety and Advanced Airbags and heed all of the applicable WARNINGS. Make certain that the child restraint is correctly recognized by the weight-sensing mat inside the passenger seat, that the passenger airbag is turned off and that the airbag status is correctly signaled by the PASSENGER AIR BAG OFF light.</b></li></ul>

**WARNING! (continued)**

- **Many types and models of child restraints have been available over the years, new models are introduced regularly incorporating new and improved designs and older models are taken out of production. Child restraints have not been standardized. Child restraints of the same type typically have different weights and sizes and different “footprints”, the size and shape of the bottom of the child restraint that sits on the seat, when they are installed on a vehicle seat. These differences make it virtually impossible to certify compliance with the requirements for advanced airbags with each and every child restraint that has ever been sold in the past or will be sold over the course of the useful life of your vehicle.**

For this reason, the United States National Highway Traffic Safety Administration has published a list of specific types, makes and models of child restraints that must be used to certify compliance of the Advanced Airbag System in your vehicle with the “suppression” requirements of Federal Motor Vehicle Safety Standard 208.

**WARNING!**

**See warnings in section Advanced Airbag System, Infants, Child restraints and Children on the front seat (see p. 205), Advanced Airbag System and infants (see p. 206), Advanced Airbag System and children aged 3 to 6 years old (see p. 207) and Introduction - Children, rearward-facing and forward-facing child restraints, and safety belts (see p. 228).**

**Important instructions on the use of child restraints**

*Correct use of child restraints substantially reduces the risk of injury or death in an accident!*

The laws of all 50 states of the United States and the Canadian provinces now require the use of child restraint systems. Choose a child restraint that suits the vehicle and is appropriate for the age and size of the child. For installation details, follow the instructions provided with the child restraint system by its manufacturer. General installation instructions are provided in this handbook.

Any child restraint used in your vehicle should be designed to be secured in the passenger seat with the lap belt portion of the three-point safety belt installed in your vehicle.

Regardless of the type of restraint you use, make sure it is properly installed in the vehicle to prevent the child from suffering serious or fatal injuries in case of an accident.

**As the driver, you are responsible for the safety of everybody in the vehicle, especially children:**

- All children, and especially children younger than 12 years old tall, must be properly protected by a child restraint system appropriate for their age and size.
- Always use the correct child restraint for the child, and be sure to install it properly (see p. 231).
- Always carefully follow the manufacturer’s instructions on how to route the safety belt properly through the child restraint and how to restrain the child in the seat.
- When using the vehicle’s safety belt to install a child restraint, you must first activate the Automatic Locking Retractor on the safety belt to keep the restraint from moving.
- Follow the detailed instructions given in the sections entitled,



(Installing a child restraint using a standard three-point safety belt - see p. 242) and (Activating the Automatic Locking Retractor - see p. 244).

- Press down on the child restraint with all your weight to tighten the safety belt so that the child restraint cannot move forward or sideways more than 1 in..

#### **Important additional information about installing a child restraint system on the passenger seat**

- If you must install a child restraint on the front passenger seat in exceptional circumstances, be sure to read and heed the important information and WARNINGS in this Owner's Handbook (see p. 230), as well as the additional information in the section (Child safety, see p. 228).

#### **Additional adjustments must also be made when installing a child restraint on the passenger seat:**

- Before installing a rearward-facing forward-facing child restraint or booster seat, move the passenger seat back until it latches into its most rearward position and it is as far away from the front airbag as possible (=> .
- Before installing the forward-facing child restraint and make sure the seatback is in the upright position (=> .
- If the tether straps supplied with the child restraint system are used to secure the child restraint to the front passenger seat, make sure that they are not so tight that they cause the weight-sensing mat to measure more weight than is actually on the seat. The heavier weight registered can make the system work as though an adult were on the seat. In this situation, the front airbag would not shut off and could inflacte in a crash, causing serious or even fatal injury to the child.

Remember that although your vehicle is equipped with an Advanced Airbag System, all children - and especially children 12 or younger

tall - must be properly protected by a restraint that is suitable for their age and size.



#### **WARNING!**

**Not using a child restraint, using the wrong child restraint or improperly installing a child restraint increases the risk of serious personal injury and death!**

- All vehicle occupants and especially children must always be restrained properly whenever riding in a vehicle.
- An unrestrained or inadequately restrained child can be injured if the child strikes the interior or is ejected from the vehicle during a sudden maneuver or an impact.
- An unrestrained or inadequately restrained child is at much greater risk of injury or death if struck by an inflating airbag.
- Commercially available child restraints are required to comply with the U.S.Federal Motor Vehicle Safety Standard (FMVSS 213).
- Child restraints are designed to be anchored to the seats in a vehicle using the lap belt portion of the belt installed in that vehicle.
- When buying a child restraint, choose one that fits your child and the vehicle.
- Only use child restraint systems that fully contact the flat portion of the seat cushion. The child restraint must not tip or lean to one side.Lamborghini does not recommend using child restraints that rest on legs or tube frames. These types of child restraints do not provide adequate contact with the seat to be properly secured.
- Always comply with all legal requirements regarding the installation and use of child restraints, and carefully follow the instructions provided by the manufacturer of the restraint you are using.



**WARNING! (continued)**

- For safety reasons, never let children under 4 ft. 9 in (57 inches/1.45 meters) wear a normal safety belt without a suitable restraint system. Keep your child in a booster seat until he or she is at least 4 ft. 9 in. (57 inches/1.45 meters) and the child is tall enough to sit without slouching; and, able to keep his or her back against the seatback; and, able to keep his or her knees naturally bent over the edge of the vehicle seat; and, able to keep his or her feet flat on the floor; and, able to sit in that position during the entire trip.
- They must always be restrained by a proper child restraint system. Otherwise, they could sustain injuries to the abdomen and to the areas around the neck during sudden braking or in an accident.
- Never let more than one child occupy a child restraint.
- Never carry newborns or older children while they are sitting on a passenger's lap.
- Holding a child in your arms is never a substitute for a child restraint system.
- Due to the forces that are generated in an accident, even the strongest person cannot hold a child if an accident occurs. In this situation, the child will strike the passenger compartment and may be struck by the passenger. The child and the passenger can also injure each other in an accident.
- Never install a rearward-facing child restraint, a forward-facing child restraint, or a booster seat on the passenger seat if the restraint system is not installed properly or if the **PASSENGER AIR BAG OFF** warning light is not lit. Also, do not carry the child unless he or she is adequately protected by a correctly installed child restraint system and the passenger seat is in its most rearward position.



**WARNING! (continued)**

- An infant or child may be seriously injured and can even be killed when the passenger airbag inflates - even if the vehicle is equipped with an Advanced Airbag System. The inflating airbag will strike the child restraint and the child with great force and hurl the child against the restraint, seatback, door, window, door frame or roof.



**WARNING!**

Rearward-facing and forward-facing child restraints installed on the passenger's seat may interfere with airbag deployment and cause serious or fatal injuries to the child.

If exceptional circumstances require you to use a forward-facing or rearward-facing child restraint on the passenger's seat, the following special precautions must be taken to ensure the child's safety:

- Make sure that the forward-facing child restraint has been designed and certified by its manufacturer for use on a front seat with a front and side airbag on the passenger side.
- Always follow the manufacturer's instructions provided with the child restraint.
- Do not install a forward-facing child restraint in your vehicle without a tether strap.
- Never put a forward-facing or rearward-facing child restraint up against or close to the instrument panel.
- Before installing a forward-facing or rearward-facing child restraint, always use the up-and-down and fore-and-aft controls to move the passenger seat to its highest possible position and to its rearmost position, respectively.



**WARNING! (continued)**

- Always make sure that nothing prevents the front passenger's seat from being moved to the rearmost position in its fore and aft adjustment range.
- Always make sure that the backrest is in the upright position.
- Never place additional items on the seat. These items can increase the total weight registered by the weight-sensing mat and can cause the airbag to inflate in a crash, resulting in possible injury to the child.
- Always make sure that the **PASSENGER AIR BAG OFF** warning light comes on and stays on when the engine is running if the child who is correctly restrained in a child restraint is riding on the passenger seat.
- If the **PASSENGER AIR BAG OFF** light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected by your Authorized Lamborghini Dealer.
- Make sure that the passenger seat is free from wet items (such as wet towels), water and other liquids.
- Never place anything on the seat (such as laptops, CD players, video game consoles, voltage inverters or heaters for child restraints). These items can affect the electrical capacitance detected by the capacitive sensing passenger recognition system causing the system not to work correctly. These items may also move in an accident and cause serious injuries.
- Always buckle the child restraint firmly in place even if a child is not sitting in it. A loose child restraint can fly around during a sudden stop or in a collision.



**WARNING! (continued)**

- Always read and heed all the **WARNINGS** when using a child restraint system in a vehicle (Safety belts - see p. 197), (Airbag system - see p. 201) and (Child safety - see p. 228).



**WARNING!**

When installing a child restraint, be careful not to get the belt caught in the structure of the child restraint and become damaged, especially when the Automatic Locking Retractor has been activated.



## Children's car seats - Rearward-facing child restraint systems

*Babies and infants up to about one year old and weighing up to 20 lbs must be carried in a rearward-facing child restraint system that will support the back, neck and head in a collision.*



**Fig. 133 A rear-facing children's car seat properly installed on the passenger seat.**



### WARNING!

**Before installing a rearward-facing child restraint on the passenger seat, be sure to follow the special instructions and heed the WARNINGS contained in this Owner's Handbook (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205) and (Child safety - see p. 228).**

- **When using a standard safety belt to install a rearward-facing child restraint, you must first activate the switchable locking feature on the safety belt to prevent the child restraint from moving (Installing a child restraint with a standard three-point safety belt - see p. 242).**

Children 1 year old or younger (up to 20lbs) must use special child restraint systems designed for their weight and age group. Many experts believe that newborns and small children should ride only in special rearward-facing child restraints. These child restraints support the child's back, neck and head in a collision. Never install a rearward-facing child restraint on the passenger seat if the seat is not installed properly or if the PASSENGER AIR BAG OFF warning light is not lit.

The airbag on the passenger side makes the front seat a potentially dangerous place for a child to ride. The passenger seat is not the safest place to carry a child in a forward or rearward-facing child restraint. It is a very dangerous place for an infant or a larger child in a rearward-facing child restraint - even with an Advanced Airbag System.

**WARNING!**

Not using a child restraint, using the wrong child restraint or using one that is improperly installed increases the risk of serious injury or death in the event of a collision!

- Never install rearward-facing child restraints or infant carriers on the front passenger seat, even if the vehicle is equipped with an Advanced Airbag System, unless the child is adequately protected, the child restraint is installed properly and the PASSENGER AIR BAG OFF warning light is lit. A child may be seriously injured or killed when the airbag inflates since it can strike the child restraint and the child with great force and hurl the child against the restraint, seatback, door, window, door frame or roof. If you must install a rearward-facing child restraint on the passenger seat and the PASSENGER AIR BAG OFF warning light does not come on and stay on, do not allow the child to ride in the vehicle.
- Have the airbag system inspected by your Authorized Lamborghini Dealer or.
- Never install a child restraint designed to be rearward-facing in the forward-facing direction. These restraints are designed for the special needs of infants and very small children and cannot protect them properly if the seat is forward-facing.
- If you must install a rearward-facing child restraint on the front passenger seat in special circumstances and the PASSENGER AIR BAG OFF light does not come on and stay on, do not allow the child to ride in the vehicle. Have the airbag system inspected by your Authorized Lamborghini.
- Make sure that the passenger seat is free from wet items (such as wet towels), water and other liquids.

**WARNING! (continued)**

- Never place anything on the seat (such as laptops, CD players, video game consoles, voltage inverters or heaters for child restraints). These items can affect the electrical capacitance detected by the capacitive sensing passenger recognition system causing the system not to work correctly. These items may also move in an accident and cause serious injuries.
- Read and heed all the WARNINGS when using a child restraint system in a vehicle (Safety belts - see p. 197), (Airbag system - see p. 201) and (Child safety - see p. 228).

**Note**

When installing a child restraint, be careful not to get the belt caught in the structure of the child restraint and become damaged, especially when the Automatic Locking Retractor has been activated.

## Forward-facing child restraint systems and convertible child restraint systems

Children must remain in rearward-facing child restraints until they reach the top height or weight limit allowed by the child restraint's manufacturer. After that and up to 40 lbs, they must be properly protected by a forward-facing restraint. Convertible child restraints that can be used in both the forward-facing and rear-facing position may be used as forward-facing child restraints.

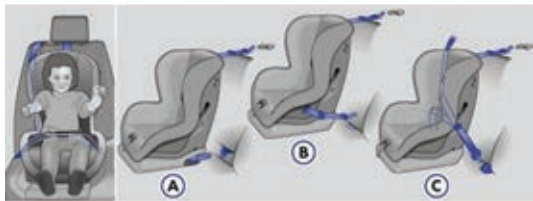


Fig. 134 Illustrations (A) and (B) show the correct installation of lower universal anchorages for a child restraint. Illustration (C) shows the anchor for a Top Tether strap.

The PASSENGER AIR BAG OFF warning light will not light up if a child weighing around 20 lbs or more is carried in a forward-facing child restraint on the passenger's seat.

The front passenger airbag will not be disabled, and may therefore be triggered, if a child weighing around 20 lbs or more is carried in a forward-facing child restraint on the passenger's seat.



### WARNING!

For installation details, follow the instructions provided with the child restraint system by its manufacturer. General installation instructions are provided in this handbook.

Before installing a forward-facing child restraint on the passenger seat or a correctly positioned convertible child restraint, be sure to follow the special instructions and heed the WARNINGS (Advanced Airbag System, infants, child restraints and children on the passenger seat - see p. 205) and (Child safety - see p. 228).

- When using the vehicle's safety belt to install a forward-facing child restraint, you must first activate the Automatic Locking Retractor on the safety belt to keep the seat from moving (Installing a child restraint with a safety belt - see p. 242).
- Press down on the forward-facing child restraint with all your weight to tighten the safety belt so that the child restraint cannot move forward or sideways more than 1 in..
- Attach the tether strap to the tether anchorage for the seat position where the forward-facing child restraint is being installed.



### WARNING!

- If straps or tethers supplied with the restraint system are used to anchor the child restraint to the passenger seat, make sure that they are not so tight that they cause the weight-sensing mat to measure more weight than is actually on the seat. The heavier weight that is registered can make the system work as though an adult were seated on the passenger seat. In this situation, the airbag would not shut off and could inflate in a crash, causing serious or even fatal injury to the child.

An infant or child more than one year old and weighing more than 20 lbs. is usually too large for a rear-facing infant restraint.

Toddlers and children of one to four years of age and weighing 20 to 40 lbs. must be properly restrained in a forward-facing child restraint that is certified for their size and weight (Fig. 134).

The front airbag on the passenger side makes the seat a potentially dangerous place for a child to ride. The front seat is not the safest place for transporting a child in a vehicle. It is a very dangerous place for an infant or a larger child in a rear-facing child restraint. Never install a forward-facing child restraint on the passenger seat to carry a child unless he or she is properly protected by a correctly installed restraint and the passenger's seat is as far to the rear as it can go.



**WARNING!**

**Not using a child car seat, using the wrong child restraint or using one that is improperly installed increases the risk of serious injury or death in the event of a collision!**

- **Children riding on the front seat of any vehicle, even if it is equipped with an Advanced Airbag System, can be seriously injured or even killed when an airbag inflates.**
- **Never install a non-convertible, rear-facing child restraint system in a forward-facing direction. These restraints are designed for the special needs of infants and very small children and cannot protect them properly if the seat is forward-facing.**
- **Always read and heed all the WARNINGS when using a child restraint in a vehicle (Safety belts - see p. 197), (Airbag System - see p. 201) and (Child safety - see p. 228).**

Not using a child restraint, using the wrong child restraint or using one that is improperly installed increases the risk of serious injury or death!

All vehicle occupants and especially children must always be

restrained properly whenever riding in a vehicle.

- An unrestrained or improperly restrained child can be injured or killed by being thrown against the inside of the vehicle or by being ejected from it during a sudden maneuver or impact.
- An unrestrained or improperly restrained child is at much greater risk of injury or death by being struck by an inflating airbag.

Commercially available child restraints are required to comply with U.S. Federal Motor Vehicle Safety Standard (FMVSS) 213. Child restraints are designed to be anchored to the seats in a vehicle using the lap belt portion of the safety belt installed in that vehicle.

- When buying a child restraint, select one that fits your child and the vehicle.
- Only use child restraint systems that fully contact the flat portion of the seat cushion. The child restraint must not tip or lean to either side. Lamborghini does not recommend using child restraints that rest on legs or tube frames. These types of child restraints do not provide adequate contact with the seat to be properly secured.
- Always comply with all legal requirements regarding the installation and use of child restraints, and carefully follow the instructions provided by the manufacturer of the child restraint you are using.

For safety reasons, never allow children shorter than 4 ft. 9 in. (57 inches/1.45 meters) wear a standard safety belt without a suitable child restraint. Keep your child in a booster seat until he or she is at least 4 ft. 9 in. (57 inches/1.45 meters) and the child is tall enough to sit without slouching; and, able to keep his or her back against the seatback; and, able to keep his or her knees naturally bent over the edge of the vehicle seat; and, able to keep his or her feet flat on the floor; and, able to sit in that position during the entire trip.

- They must always be restrained by a proper child restraint system.
- Otherwise, they could sustain injuries to the abdomen and neck areas during sudden braking maneuvers or accidents.

- Never let more than one child occupy the same restraint system at the same time.
- Never let babies or older children ride in a vehicle while sitting on the lap of another passenger.
- Holding a child in your arms is never a substitute for a child restraint system.
- The strongest person could not hold the child with the forces that exist in an accident. The child will strike the interior of the vehicle and can also be struck by the passenger. The child and the passenger can also injure each other in an accident.

A child may be seriously injured and can even be killed when the passenger airbag inflates - even if the vehicle is equipped with an Advanced Airbag System.

The inflating airbag will strike the child restraint system and the child with great force and hurl the child restraint and child against the seatback, center armrest, door or roof.

A forward-facing child restraint installed on the passenger seat may interfere with the airbag as it inflates, and the child may be injured seriously.

If special circumstances require the use of a forward-facing child restraint on the passenger's seat, the following special precautions must be taken to ensure the child's safety:

- Always make sure that the forward-facing child restraint has been designed and certified by its manufacturer for use on a front passenger seat with a front and side airbag.
- Always follow the manufacturer's instructions provided with the child restraint.
- 
- Never install a child restraint without a properly attached top tether strap if the child restraint manufacturer's instructions require the top tether strap to be used.
- Never put a forward-facing child restraint up against or close to the instrument panel.

- Before installing the child restraint, use the up-and-down and fore-and aft controls to move the passenger seat to its highest position and to its rearmost position, respectively.
- Always make sure that nothing prevents the front passenger's seat from being moved to the rearmost position in its fore and aft adjustment range.
- Always make sure that the backrest is in the upright position.
- Never place additional items on the seat that can increase the total weight registered by the weight-sensing mat and can cause injury in a crash.
- Always make sure that the PASSENGER AIR BAG OFF warning light comes on and stays on when the engine is running.
- Make sure that the passenger seat is free from wet items (such as wet towels), water and other liquids.
- Never place anything on the seat (such as laptops, CD players, video game consoles, voltage inverters or heaters for child restraints). These items can affect the electrical capacitance detected by the capacitive sensing passenger recognition system causing the system not to work correctly. These items may also move in an accident and cause serious injuries.
- If the PASSENGER AIR BAG OFF light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected right away by your Authorized Lamborghini Dealer.

Always buckle the child restraint firmly in place even if a child is not sitting in it. A loose child restraint can fly around during a sudden stop or in a collision.



**Note**

When installing a child restraint, be careful not to get the belt caught in the structure of the child restraint and become damaged, especially when the switchable locking feature has been activated.

## Booster seats and safety belts

*Properly used booster seats can help protect children who weigh more than 40 lbs and are shorter than 4 ft. 9 in. (57 inches/1.45m).*



**Fig. 135** Child properly restrained in a booster seat.

The PASSENGER AIR BAG OFF warning light will not come on if a child weighing approximately 20 lbs or more is carried in a forward-facing child restraint on the passenger seat.

The front passenger airbag will not be disabled, and may therefore deploy, if a child weighing approximately 20 lbs or more is carried in a forward-facing child restraint on the passenger's seat.

The safety belts in the vehicle are not suitable for children shorter than 4ft.9in. (57 inches/1.45m) in height. Booster seats raise children up so that the standard three-point safety belt passes properly over the strongest bones in their bodies and can thus help protect them in a collision.

- Do not lock the switchable locking feature when using a safety belt to secure a child using a Group 3 booster.
- Be sure to position the shoulder portion of the safety belt over the middle of the child's shoulder.
- Make sure that the shoulder portion of the belt does not rest against or lie across the child's neck.
- Make sure that the child can wear the lap belt portion of the belt across the thighs or hips and never over the stomach or abdomen.

Children weighing more than 40 lbs. are best protected in child restraints designed for their age and size (Fig. 135).

Experts say that the structure of the skeleton (and particularly the pelvis) in these children is not fully developed, so they must not use safety belts without a suitable child restraint.

The safety belts in the vehicle are not suitable for children who are not at least 5 ft tall. Never use the lap belt portion of the vehicle's safety belt alone to restrain any child, regardless of his or her height. To ensure the child's safety, the lap belt portion of the safety belt must be correctly fastened and fit snugly around the child's hips. Never let the lap belt portion of the safety belt pass over the child's stomach or abdomen.

Be sure the booster seat meets all applicable safety standards.

Group 3 child booster seats raise the seating position of the child and reposition both the lap and shoulder parts of the safety belt so that they pass across the child's body in the right places.

Proper routing of the belt over the child's body is very important for the child's protection, whether or not a booster seat is used. Never let a child put the shoulder belt under the arm or behind the back, because it could cause severe injuries or death in a crash. If the safety belt does not fit properly, the child must continue to use a booster seat.

In a collision, airbags must inflate within a blink of an eye and with considerable force. In order to do its job, the airbag needs room to inflate in a short enough time to protect the occupant as he or she is thrown forward into the airbag.

When they inflate, even advanced airbags can injure children.

A vehicle occupant who is not seated in the correct position or is too close to the airbag interferes with the airbag as it inflates. When an occupant is too close, he or she will be struck violently and receive serious or possibly even fatal injuries.

For the airbags to offer proper protection, it is important that all vehicle occupants - and especially a child seated in on the passenger seat - be properly protected by a suitable restraint system and sit as far away from the airbags as possible.



#### **WARNING!**

**Not using a child restraint, using the booster seat improperly, incorrectly installing a child restraint or using the vehicle safety belts improperly, increases the risk of serious personal injury and death in a collision or other emergency situation. To help reduce the risk of serious personal injury and/or death:**

- **Be sure to position the shoulder portion of the three-point safety belt over the middle of child's shoulder.**
- **Never let the shoulder portion of the safety belt rest against or lie across a child's neck, face, chin, or throat.**
- **Make sure that the lap portion of the three-point safety belt is tight and crosses the child's lower pelvis and hips. Never position the belt over the soft area of the abdomen.**
- **Failure to properly route safety belts over a child's body can cause severe injuries or even death in an accident or other emergency situation (Safety belts - see p. 231).**



#### **WARNING! (continued)**

- **Children on the front seat of any car, can be seriously injured or even killed when an airbag inflates - even with Advanced Airbags.**
- **Never let a child stand or kneel on any seat.**
- **Never let a child ride in the cargo area of your vehicle.**
- **Be sure to keep in mind that a child who is leaning forward, sitting sideways or out of position can be struck by a deploying airbag in a collision. This may result in serious personal injury or even death!**
- **Always read and heed all the WARNINGS when using a child restraint in a moving vehicle (Safety belts - see p. 197), (Airbag System - see p. 201) and (Child safety - see p. 228).**

## Installing a child restraint using the standard three-point safety belt

### Important things to know

*The retractor for the passenger safety belt has a switchable locking feature for child restraint systems known as an Automatic Locking Retractor (ALR).*

When the passenger shoulder belt is completely extended and then retracted even slightly, the belt locks in position and cannot be extended. This function is used to securely hold the child restraint system. To release the belt, fully retract the belt and then pull the belt out once more. The ALR function must be activated in order to properly secure the child restraint systems.

Always make sure the child restraint is correctly secured to the vehicle. A child restraint system that is not properly secured will not adequately protect the child in the event of a collision and may cause serious or fatal injuries to the child and/or the driver.

When installing a child restraint on the passenger seat, position the safety belt as directed by the manufacturer of the child restraint and then activate the Automatic Locking Retractor.

Do not lock the Automatic Locking Retractor when using a safety belt to restrain a child on a child's booster seat.

When a child restraint is installed with a safety belt, the belt must be locked so that the webbing cannot be extended. The Automatic Locking Retractor lets you lock the belt so that a child restraint can be properly installed; for example, so that it can't tip to the side when the vehicle goes around a corner.



### WARNING!

**An improperly installed child restraint increases the risk of injury or death in the event of a collision!**

- Always make sure that the safety belt retractor is locked when installing a child restraint. An unlocked safety belt retractor cannot hold the child restraint in place during normal driving or in a collision.
- Always buckle the child restraint firmly in place, even if a child is not sitting in it. A loose child restraint can move around during a sudden stop or in a collision.
- Always make sure that the passenger seat seatback is securely latched whenever the seat belt is being used to secure a child restraint.
- Always make sure that the passenger seat backrest is securely latched. If it is not, the child and the child restraint will be thrown forward together with the seatback, strike parts of the vehicle interior and get too close to the front airbag. The child can be seriously injured or killed by hitting the instrument panel or the airbag if it inflates.
- Forward-facing child restraint systems installed on the passenger seat may interfere with airbag deployment and cause serious or fatal injuries to the child.
- If the **PASSENGER AIR BAG OFF** light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected right away by your Authorized Lamborghini Dealer.
- Always read and heed all **WARNINGS** whenever using a child restraint in a vehicle (Child safety - see p. 228). Special precautions must be taken when installing a child restraint on the passenger seat (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).





#### WARNING!

##### Rearward-facing restraints:

- An infant in a rearward-facing child restraint installed on the passenger seat can be seriously injured or killed if the front airbag inflates – even if the vehicle is equipped with an Advanced Airbag System.
- Although the Advanced Airbag System in your vehicle is designed to turn off the front airbag when a rearward-facing child restraint has been installed on the passenger seat, it may not turn off in all the situations.
- If the front airbag inflates, will hit the child restraint with extreme force and hurl the child restraint and child against the seatback, center armrest, door or roof.
- Always be especially careful if you must install a rearward facing child restraint on the front passenger seat in exceptional circumstances.
- A tight tether strap on a rearward-facing child restraint attached to the front passenger seat can put too much pressure on the weight-mat in the seat and register a heavier weight in the Advanced Airbag System. The heavier weight registered can make the system work as though an adult were on the seat and deploy the Advanced Airbag when it must be suppressed, causing serious or even fatal injury to the child.
- Always make sure that the PASSENGER AIR BAG OFF warning light comes on and stays on when the engine is running.
- If the PASSENGER AIR BAG OFF light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected right away by your Authorized Lamborghini Dealer.



#### WARNING!

An improperly installed child restraint can interfere with the airbag as it deploys and seriously injure or even kill the child, even with an Advanced Airbag System.

- If special circumstances require the use of a forward-facing child restraint on the passenger's seat, the following special precautions must be taken to ensure the child's safety:
  - Forward-facing child restraints installed on the front passenger's seat may interfere with deployment of the airbag and cause serious or fatal injury to the child.
  - Always make sure that the forward-facing child restraint has been designed and certified by its manufacturer for use on a front seat with a passenger front and side airbag.
  - Always follow the manufacturer's instructions provided with the child restraint.
  - Never install a child restraint without a Top Tether strap if the manufacturer's instructions for that child restraint require a Top Tether strap to be used.
  - Never put the forward-facing child restraint up against or close to the instrument panel.
  - Before installing the child restraint, always use the up-and-down and fore-and-aft controls to move the passenger seat to its highest possible position and to its rearmost position, respectively.
  - The seatback must be in the upright position.
  - Always make sure that the PASSENGER AIR BAG OFF warning light comes on and stays on when the engine is running.



#### WARNING! (continued)

- If the **PASSENGER AIR BAG OFF** light does not come on and stay on, do not allow the child to ride in the vehicle and have the airbag system inspected right away by your Authorized Lamborghini Dealer.
- Always buckle the child restraint firmly in place, even if a child is not sitting in it. A loose child restraint can move around during a sudden stop or in a collision. This may result in injury or death! (How to load the luggage compartment - see p. 189).
- Always read and heed all the **WARNINGS** when using a child restraint in a moving vehicle (Safety belts - see p. 197), (Airbag System - see p. 201) and (Child safety - see p. 228).



#### Note

When installing a child restraint, be careful not to get the belt caught in the structure of the child restraint and become damaged, especially when the switchable locking feature has been activated.

### Activating the Automatic Locking Retractor

*Use the Automatic Locking Retractor to properly secure a child restraint.*

Carefully follow the child restraint manufacturer's instructions when installing a child restraint in your vehicle. Before attempting to install a child restraint on the passenger seat, be sure to follow the special instructions and heed the warnings below. To activate the Automatic Locking Retractor:

- Move the front passenger seat to the highest position in the seat's up and down adjustment range (=>

- Install the child restraint carefully following the instructions provided by the child restraint's manufacturer and make sure the seatback is securely latched in the upright position (=>
- If the tether straps supplied with the child restraint system are used to secure the child restraint to the front passenger seat, make sure that they are not so tight that they cause the weight-sensing mat to measure more weight than is actually on the seat. This could cause the weight-sensing mat to register more weight than is actually on the seat. The heavier weight that is registered can make the system work as though an adult were seated on the passenger seat. In this situation, the airbag would not shut off and could inflate in a crash, causing serious or even fatal injury to the child.
- Route the safety belt around or through the child restraint and follow the proper path, as specified by the child restraint manufacturer.
- Insert the belt tongue into the buckle for that seating position.
- Make sure that the red release button faces away from the child restraint so that it can be unbuckled quickly.
- Remove all slack from the lap belt portion of the safety belt and hold it tightly against the child restraint.
- Push the child restraint down with your full weight to make sure that the child restraint will be properly installed with the safety belt taut and snug (=>
- Slowly pull the shoulder belt portion of the safety belt out of the retractor.
- While keeping your weight on the child restraint, guide the shoulder belt portion of the safety belt back into the retractor until the belt lies flat and is tightened against the child restraint.
- You should hear a series of "clicks" as the belt winds back onto the inertia reel inside the safety belt retractor. Test the Automatic Locking Retractor by pulling on the belt. You should no longer be able to pull the belt out of the retractor. The Automatic Locking Retractor is now active.

- Pull on the safety belt to make sure it is properly fastened and tight.
- Check the child restraint for proper installation by pulling on the child restraint at the place where the vehicle's safety belt goes into the restraint. The child restraint should not be able to move forward or sideways by more than 1 in..
- After checking to make sure that the child restraint is properly installed, make certain that the child restraint is correctly recognized by the weight-sensing mat inside the passenger seat, so that the front passenger airbag status is always correctly signaled by the PASSENGER AIR BAG OFF indicator light. Please be sure to read the additional important information and heed the WARNINGS about the Advanced Airbag System and the function of the PASSENGER AIR BAG OFF warning light in this Owner's Handbook.



#### WARNING!

**Using the wrong child restraint or an improperly installed child restraint can cause serious personal injury or death in an accident.**

- **Always make sure that the safety belt retractor is locked when installing a child restraint. An unlocked safety belt retractor cannot hold the child restraint in place during normal driving or in a collision.**
- **Always make sure the seat backrest to which the child restraint is installed is in an upright position and securely latched into place and cannot fold forward. Otherwise, the seat back with the child restraint attached to it could fly forward in a collision or other emergency situation.**
- **Always read and heed all WARNINGS when using a child restraint in a vehicle (Child safety - see p. 228). Special precautions must be taken when installing a child restraint on the passenger seat (Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).**



#### Note

When installing a child restraint, be careful not to get the belt caught in the structure of the child restraint and become damaged, especially when the Automatic Locking Retractor has been activated.

### Deactivating the Automatic Locking Retractor

*The Automatic Locking Retractor for child restraints is deactivated automatically when the belt is wound all the way back into the retractor.*

- Press the red button on the seat belt buckle. The tongue on the belt will pop out of the buckle (=> ).
- Guide the safety belt back by hand so that it rolls onto the retractor without damaging the trim in the area around the retractor.

Always allow the safety belt to retract completely into its stowed position.

The safety belt can now be used as an ordinary safety belt without the Automatic Locking Retractor for child restraints.

If the Automatic Locking Retractor is activated accidentally, the safety belt must be unfastened and guided completely back into its stowed position to deactivate this feature. If the Automatic Locking Retractor is not deactivated the safety belt will gradually become tighter and more uncomfortable to wear.



#### WARNING!

**Improperly installed child restraints increase the risk of injury or death in a collision.**



#### WARNING! (continued)

- **Never unbuckle the safety belt to unlock the Automatic Locking Retractor of the child restraint while the vehicle is moving. The child would not be restrained, which could result in serious injury or death in the event of an accident!**
- **Always read and heed all WARNINGS when using a child restraint in a vehicle (Child Safety - see p. 228).**
- **Special precautions must be taken when installing a child restraint on the passenger seat ( Advanced Airbag System, Infants, Child restraints and Children on the passenger seat - see p. 205).**

## Additional information

### Tether anchors and tether straps

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*Your Lamborghini is equipped with a tether anchor as standard equipment.*



**Fig. 136 Location of the tether anchor on the passenger seat.**

The tether anchor for child restraints is located behind the passenger seat. A tether strap is a straight or V-shaped strap that secures the top part of the child restraint system to special anchorage points in the vehicle.

The purpose of the tether strap is to reduce the forward movement of the child restraint in a collision, thus reducing the risk of head injury that may be caused by striking the interior of the vehicle.

Front-facing child restraints manufactured after September 1, 1999, are required by U.S. federal law to comply with requirements on head movement in children using the restraint. These new performance requirements make a tether necessary on most new restraint systems. Currently, only a few rear-facing child restraints are equipped with a tether.

The failure to install a Top Tether strap on a child restraint that requires one can seriously impair the performance of the restraint and its ability to protect the child in a collision. The failure to install a Top Tether strap on a child restraint that requires one may also be a violation of law.

Carefully read and follow the manufacturer's instructions so that the tether strap is installed correctly.



#### WARNING!

**Improper installation of child restraints will increase the risk of injury and death in the event of an accident!**

- **Carefully follow the instructions provided by the manufacturer of the child restraint you plan to install in your Lamborghini.**
- **Never install a child restraint without a Top Tether strap if the manufacturer's instructions for that child restraint require a Top Tether strap to be used.**
- **Never use the tether anchor points on a child restraint to secure safety belts or other kinds of occupant restraints.**
- **Never secure or attach any luggage or other items to the tether anchor points.**

## Attaching the tether strap to the anchor point



Fig. 137 Properly positioned tether strap.

### Installing a tether strap.

- Release or extend the tether strap on the child restraint according to the manufacturer's instructions.
- Pull the tether strap rearward.
- Locate the tether anchor point behind the passenger seat.
- Attach the tether strap hook to the tether anchor point.
- Pull on the tether strap hook until the spring catch engages.

Tighten the tether strap securely according to the restraint manufacturer's instructions.

### Unhooking the tether strap.

- Loosen the tension on the strap according to the manufacturer's instructions

- Press the spring catch on the hook and release the hook from the anchor point

For more information, read and follow the applicable instructions (see p. 246), "Tether anchors and tether straps".



**Note**

If you leave the child restraint with the tether strap firmly installed for a prolonged period, a mark may be left on the seat cushion and seatback, specifically in the area where the tether strap was fastened. The upholstery may also be permanently ruined in the area around the tether strap (see p. 197; this applies especially to leather seats).



**WARNING!**

**An infant in a rearward-facing child restraint installed on the front passenger seat will be seriously injured or killed if the front airbag inflates - even with an Advanced Airbag System. When the airbag inflates, it will strike the child restraint with great force and hurl both the seat and the child restraint against the backrest or door. Never install a rear-facing child restraint on the passenger seat unless the PASSENGER AIR BAG OFF warning light comes on and stays on. If the PASSENGER AIR BAG OFF warning light does not come on and stay on, the inflating airbag will strike the child restraint with great force and hurl both the child restraint and the child against the seatback, door or roof. Have the airbag system inspected immediately by your Authorized Lamborghini Dealer.**

## Sources of information about child restraints and their use

There are many sources of additional information about restraint systems, their installation and their use:

The NHTSA says that the best child safety seat is the one that fits your child and your vehicle, and that you will use correctly and appropriately.

Try before you buy!

### National Highway Traffic Safety Administration

Tel: (888) 327-4236  
TTY: (800) 424-9153  
[www.nhtsa.dot.gov](http://www.nhtsa.dot.gov)

### National SAFE KIDS Campaign

Tel: (202) 662-0600  
[www.SAFEkids.org](http://www.SAFEkids.org)

### Safety BeltSafe U.S.A

Tel: (800) 745-SAFE (English)  
Tel: (800) 747-SANO (Spanish)  
[www.carseat.org](http://www.carseat.org)  
[www.programprofessionals.org](http://www.programprofessionals.org)

### Automobili Lamborghini America LLC

220 Ferdinand Porsche Drive, Herndon, VA 20170 - U.S.A.  
Tel: 1-866-681-6276



**Driving your vehicle: instructions and warnings**

## Intelligent technology

### Event Data Recorder

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This vehicle is equipped with an event data record (EDR). The main purpose of an EDR is to record data that will be useful for determining how vehicle systems performed in certain crashes or in crash-like situations (for example, if an airbag deploys or the vehicle hits an obstacle on the road). The EDR is designed to record data on vehicle dynamics and safety systems for a short period of time, which is generally 30 seconds or less. The EDR in this vehicle is designed to record the following data in case of accident:

- The operating modes of the various systems in the vehicle
- Whether or not the driver and passenger safety belt were buckled
- How far (if at all) the driver was depressing the accelerator and/or brake pedal, if applicable; and
- Vehicle speed

This data can help provide a better understanding of the circumstances surrounding accidents, injuries or deaths.



#### Note

EDR data is recorded by the vehicle only when a serious accident occurs. The EDR does not record data during normal driving, and never records personal information (such as name, sex, age, place of accident). However, third parties (such as law enforcement) may combine EDR data with the personal identification information that is normally collected during an accident investigation.

In order to read the data recorded by an EDR, special equipment is required, and access to the vehicle or to the EDR itself is necessary. In addition to the vehicle manufacturer, third parties who have special equipment (such as law enforcement) can read this information, as

long as they have access to the vehicle or to the EDR.

The laws in some states prohibit EDR data from being recovered and downloaded without the vehicle owner's consent.

Lamborghini will not gain access to EDR data and/or other similar information, nor will the company forward it to others, unless:

- the vehicle owner (or lessee, if the car is leased) provides his/her consent
- an official request has been received from the police
- an order has been issued by a court or government agency
- or use by Lamborghini in a lawsuit
- Lamborghini may also use the data to study the operation and safety performance of the vehicle, or may provide the data to third parties for research purposes without disclosing information about the specific vehicle or vehicle owner

Your vehicle is also equipped with a number of electronic control units that govern various systems. For example, such units are used to control engine operation, emission control systems, the airbags and the safety belts.

During normal vehicle operation, the control units record data that specialized technicians may need for diagnostic purposes and for making repairs. These control units can record data, only (and not sounds). Actually, only a small amount of data is recorded for a very short time or when a malfunction is detected by the control unit. In case of accident, some of the recorded data may have to do with speed, direction and braking dynamics, as well as the performance and restraint systems used. The recorded data can be read and downloaded only with special equipment connected directly to the vehicle.




## Electronic Stability Program (ESC)

### Overview

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*The ESC system helps enhance the stability of the vehicle in certain situations.*

The Electronic Stability Program helps enhance safety by improving vehicle stability, thus helping the driver control skidding when swerving suddenly or turning on slippery road surfaces. This system recognizes extreme situations that may occur during driving (such as oversteer, understeer and the drive wheels losing their grip). The vehicle is stabilized - to the extent that it is physically possible - through targeted action on the brakes or engine torque. However, this system is supplementary and should not be relied upon too heavily when operating the vehicle.

Activation of the ESC system is signaled by the  warning light flashing on the instrument cluster. The system is integrated into the anti-lock brake system (ABS), the anti-slip regulation system (ASR), the electronic differential lock (EDS) and the electronic cross-axle traction control system.

### How the ESC system works

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The ESC system is switched on automatically each time that the engine is started.

Depending on the driving mode selected, the ESC system is calibrated to allow a driving style that is more sporty or less so (see p. 164).

The ESC control unit not only evaluates data from the anti-lock

braking system (ABS), the braking assistance system, the anti-slip regulation system (ASR), the electronic differential lock system (EDS) and the anti-slip regulation system, but also processes information from other high-precision sensors which detect lateral acceleration, brake pressure, steering angle and the rotation speed of the vehicle around the vertical axis (yaw rate).


The ESC system analyzes the steering angle and road speed to determine the inputs made by the driver. This information is constantly compared with the vehicle's actual behavior and path of travel. If these two values do not match (for example, if the vehicle starts to skid), the ESC system responds by applying the brake at the appropriate wheel. In this way, the vehicle is stabilized.

The ESC system operates together with the ABS (see p. 257).

**If the ABS malfunctions, the ESC will also be inoperative.**



#### Important!

When a new battery is installed and the electric power to the vehicle is thus cut off, an error is signaled in the electronic control unit that manages the ESC system. This will cause the  warning light on the instrument cluster to light up steadily the next time the engine is started. The light will turn off automatically after the vehicle travels 820 ft.

#### Anti-lock brake system (ABS)

The ABS prevents the wheels from locking up when the brakes are applied suddenly, or if the brakes are applied while driving on a slippery road surface. The vehicle can therefore be steered even during a sudden stop. Adjustment of the anti-lock brake system occurs automatically when the brake pedal is firmly pressed: automatic adjustment is signaled to the driver by a pulsating movement of the brake pedal.

### Braking assistance system

The braking assistance system reduces the stopping distance of the vehicle. If the driver depresses the brake pedal suddenly in a panic stop situation, the system automatically increases the braking force.

### Anti-slip regulation system (ASR)

The ASR system reduces traction force and thus adapts it to road conditions when the wheels of the vehicle lose grip during acceleration. This automatic regulation system helps the driver when driving off, accelerating or going up a hill.

### Electronic differential lock system (EDS) and electronic cross-axle traction control system

The EDS system applies braking to a wheel that is spinning and transfers its traction force to the other wheels. This function operates only at speeds below 62 mph.

To prevent the brake disc on the braked wheel from overheating, the EDS deactivates automatically if braking is excessive. In such a situation, vehicle operation is not adversely affected. As soon as the affected brake cools down, the EDS is automatically reactivated.





#### WARNING!

The ESC, ABS, EDS and ASR systems cannot overcome the limits imposed by the laws of physics. Even when operating vehicles with ESC, you should adjust your driving style to suit road and traffic conditions. This is especially true if the road is icy or wet or when the temperature is lower than 45 °F. If you notice these systems are beginning to operate, you should reduce speed immediately to better suit road and traffic conditions. The greater safety offered by the system should not tempt you into taking greater risks and endangering your safety and the safety of others! An accident may occur



#### Note

- The ABS and ASR systems will operate properly only when the tires specified for the vehicle are used on all four wheels. In fact, wheels with different rolling circumferences could cause an undesired reduction in engine power.
- The automatic regulation performed by the systems described above can also be heard.
- If the  or  warning light comes on, the diagnostic logic in the control system has detected a malfunction (see p. 34).

### How to shut off the ESC system (ESC OFF)

*The ESC runs a self-test routine and switches on automatically when the engine is started.*






Fig. 138 Center console: ESC OFFswitch.

### Turning off the ESC

In certain extreme situations, it may be advisable to turn off the ESC. For example:

- When “rocking” the vehicle to free it when it is stuck, for instance in mud or snow.
- When traveling over fresh snow or a soft road surface.

Pull the ESC OFF button. The  indicator light will come on. When the ESC is turned off, the ASR system also shuts off.

When the ESC system is deactivated, the  warning light will appear. If you are driving in the TROFEO mode, the complete deactivation of the ESC system is indicated by the appearance of both the  and  warning lights.



#### WARNING!


- **When the ESC is deactivated, it is automatically restored if the system detects that the vehicle is losing stability. However, if the ESC is deactivated in the TROFEO mode, the ESC will not reactivate automatically.**
- **If you are driving in the TROFEO mode and deactivate the ESC system, it will be unable to intervene and prevent loss of vehicle control; the ESC will remain completely disabled until it is restored manually by pressing the button on the center console. When the engine is shut off and then restarted, the ESC system is automatically activated.**

If you attempt to deactivate the ESC system in the PIOGGIA driving mode, the following message is displayed

#### ESC-OFF ! Action not possible in this driving mode

This is to remind you that the ESC cannot be deactivated; in order to do so, you must change the driving mode (see p. 164).

### Turning the system back on

Pull the ESC OFF button again. The  indicator light will turn off. The ESC system should always be left on.



#### Note

When the driving mode is changed, the ESC is automatically reactivated.



#### WARNING!

**Driving with the ESC and ASR systems off could pose a danger to you or to others. Particularly if the road is slippery or icy, the drive wheels could slip and you could lose control of the vehicle, which may result in an accident and injuries and death!**

### Starting off when the vehicle is on a hill

The “Hill Hold Control (HHC)” system makes it easier for the driver to start the vehicle moving on a hill. The system activates when the brake pedal is depressed for several seconds. The vehicle must be on a hill. When the pedal is released, the vehicle remains braked for a few moments, which allows the driver to begin the process of setting the vehicle in motion.



#### WARNING!

- **If, after having released the brake pedal, the car is slow to drive off, then the start-off assistance system cannot hold the vehicle on the upward slope and therefore cannot prevent inadvertent movement. This may result in injury or death! Press the brake pedal or engage the parking brake immediately.**



**WARNING! (continued)**

- If the engine stalls, immediately press the brake pedal and engage the parking brake.
- To prevent the vehicle from moving when starting off in the middle of traffic while on a hill, keep the brake pedal depressed a few seconds before accelerating.



**WARNING!**

**The vehicle can handle hills with a gradient of 30%.**

## Anti-slip regulation (ASR) system

### Overview

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*When the ESC system is switched on, the ASR system limits the torque delivered by the engine to help keep the drive wheels from losing traction during acceleration.*

This system helps the vehicle start moving, accelerate and climb a hill when the road is slippery.

The anti-slip regulation system (ASR) is integrated into the electronic stability program (ESC).



**WARNING!**

**Always adjust your speed and driving style to suit road, traffic and weather conditions. Always respect the speed limits in force in the country where you are using your vehicle. Never let the enhanced driving safety and performance provided by the ESC and ASR systems tempt you into taking extra risks. The ASR system cannot overcome the laws of physics. Wet/slippery roads are dangerous even with ASR! ESC and ASR are supplementary and should not be relied upon too heavily when operating the vehicle.**

## How the system works

The ASR system operates automatically. No action by the driver is needed. The system constantly monitors the rotation of the drive wheels through the ABS sensors (see p. 257). If the wheels are spinning, the system reduces the torque delivered by the engine, thus adjusting traction force to suit the conditions of the road. The system works at any speed.

The ASR system operates together with the ABS. If the ABS malfunctions, the ASR will also be inoperative.



### Important!

Use only the tires specified for the vehicle (see the section entitled, "Technical Data") to ensure correct operation of the ASR system. Using tires other than those specified for the vehicle can cause serious malfunctions of the supplementary systems.

## Brakes and steering

### Overview

*What factors have a negative effect on brake performance?*



#### WARNING!

##### New brake pads

**New brake pads require a break-in period of approximately 250 miles before they offer optimal braking performance. The slightly lower braking action of new pads can be compensated by applying greater pressure on the brake pedal. Do not stress the brakes excessively while the pads are breaking in. Drive cautiously and at a relatively slow speed!**



#### WARNING!

##### Wear

**Brake pad wear largely depends on how the vehicle is used and on driving style. Respect the scheduled maintenance plan established by Lamborghini and specified in the Warranty and Scheduled Maintenance Plan Booklet.**

**For example, the stress on the brake pads will differ depending on whether the vehicle is operated on short trips in the city or with a sporty driving style.**

**Factors such as speed, intense braking and extreme conditions (such as air temperature or humidity) may cause noise during braking.**

**Therefore, if abrupt braking is part of your driving style, it will be necessary to have your brake pads inspected by an Authorized Lamborghini Dealer more often than the intervals specified in the Warranty and Maintenance Booklet.**

**WARNING!****Driving on wet or salted roads**

At speeds exceeding 50 mph and when the windshield wipers are operating, the brake pads are momentarily moved into contact with the brake discs. This occurs at regular intervals without the driver's knowledge.

In certain situations - for example, after traveling over sections of road covered with water, during heavy rain or after the vehicle is washed - brake action may be delayed because the brake discs and pads are damp, or icy in the winter. This may result to accidents, serious injuries or death!

Dry the brakes with a few brake applications when conditions are safe to do so.

Braking action can be delayed when temperatures are low if your vehicle is equipped with carbon-ceramic discs. This may result in injury or death!

Drive cautiously and at a relatively slow speed.

The effectiveness of the brakes can be reduced when the roads have been salted in winter and the vehicle is driven for some time without using the brakes. The layer of salt that accumulates on the discs and pads must first be removed by applying the brakes carefully.

Apply the brakes to "dry the brakes" only when traffic conditions permit. Other road users must not be endangered. An accident may occur!

**WARNING!****Brake system malfunction**

If the travel of the brake pedal lengthens unexpectedly, one of the two brake systems has malfunctioned. An accident may occur!

**WARNING! (continued)**

Immediately contact or take the vehicle to the nearest Authorized Lamborghini Dealer and have the malfunction repaired. Drive at a relatively slow speed. Remember that braking distance will be longer and you will have to press down on the brake pedal with greater force.

**WARNING!****Low brake fluid level**



Malfunctions can occur in the brake system if the brake fluid level is too low. The brake fluid level is monitored electronically. Do not continue driving. Request assistance from an Authorized Lamborghini Dealer.

**WARNING!**

Driving with brakes that are in poor condition can cause accidents, serious injuries or death!

- Have the brake pads inspected immediately by an Authorized Lamborghini Dealer if the **BRAKE WEAR** brake pad wear warning light appears.
- If the brake system warning light **BRAKE** does not go out, or if it comes on when driving, the brake fluid level in the reservoir is too low or there is a malfunction in the brake system. Stop the vehicle immediately and get professional assistance.

**WARNING! (continued)**

- If the **BRAKE** brake system warning light and the ABS  warning light come on at the same time, there may be a malfunction in the ABS and the wheels could lock up during a sudden stop. Brake lockup can cause loss of vehicle control. Do not continue driving. Ask an Authorized Lamborghini Dealer to inspect the brake system.
- If the ABS  warning light stays lit or lights up while the vehicle is moving, the ABS is not operating properly.
- The vehicle can then be stopped only with the standard brake system (without ABS). Drive slowly and avoid sudden, hard stops. You will not have the protection that the ABS provides. Contact an Authorized Lamborghini Dealer as soon as possible.

**Important!**

- Never “ride” the brakes by resting your foot on the pedal while you are driving. You may score the brake pads and discs. The discs will overheat and tend to wear out more quickly. This will also result in longer stopping distances.
- Before traveling down a steep grade, reduce speed and downshift one gear. This will enable you to use engine braking and thus prevent the brakes from being overworked or overheated. If you still must to use the brakes, it is better to brake firmly and intermittently than to apply the brakes continuously.

**Power brake**

*The power brake system assists the driver with braking.*

The power brake multiplies the pressure you apply to the brake pedal. It operates only while the engine is running.

**WARNING!**

**Never allow the vehicle to move forward or in reverse when the engine is not running: you may cause an accident!**

**WARNING!**

**If the power brake is not working, you must press the pedal with much greater force to make up for the lost assistance that is normally offered by the power brake system.**

**Anti-lock brake system (ABS)**

*The ABS prevents the wheels from locking up during braking.*

The anti-lock brake system (ABS) enhances and makes an important contribution to enhanced vehicle safety. Its advantage as compared with vehicles without ABS is that even when the brake pedal must be depressed all the way on a slippery track surface, the vehicle has better maneuverability because the wheels do not lock up.

However, the ABS will not always reduce stopping distance. For instance, on loose gravel or fresh snow on an icy surface (conditions which in any case require extreme caution and reduced speed), the distance required to come to a complete stop may even be longer.

### How the ABS works

As soon as the vehicle reaches a speed of approximately 4 mph, the system runs an automatic self-test, which may be accompanied by the sound of a pump operating.

If a wheel is turning too slowly as compared with the speed of the vehicle and is beginning to lock up, the system will reduce the pressure in the brake line to this wheel. This adjustment process is perceived as a pulsating movement of the brake pedal combined with a noise. In this way, the driver is made aware of the fact that the wheels are tending to lock up (which is the time frame in which the ABS operates). To enable the ABS to work within this time frame in the best way possible, never “pump” the pedal; instead, keep the brake pedal pressed down until the vehicle slows down as desired.



#### WARNING!

**Always adjust your speed and driving style to suit road, traffic and weather conditions. The greater safety offered by the ABS should not tempt you into taking greater risks.**

- **Always drive safely and respect the legal speed limits in the country where you are using your vehicle.**
- **The ABS cannot overcome the limits imposed by the laws of physics, especially on slippery track surfaces. If you notice that the ABS is beginning to operate, you should reduce speed immediately to better suit road and traffic conditions. The greater safety offered by the vehicle should not tempt you into taking greater risks and endangering your safety and the safety of others.**
- **The ABS cannot help reduce the risk of accident if you are going too fast for road conditions or not keeping a safe distance from the vehicle ahead of you.**



#### WARNING! (continued)

- **Remember that modifications made to the vehicle may affect the operation of the ABS. Examples of such modifications include using a different wheel/tire combination or modifying the brakes or chassis.**
- **Modifying the suspension or using an unapproved wheel/tire combination can affect the operation of the ABS and reduce its effectiveness.**



#### Note

If the ABS malfunctions, the  warning light will appear (see p. 45).

### Braking assistance system (EBD)

The braking assistance system improves brake effectiveness by distributing braking power between the front and rear wheels in the best way possible.

Since the system uses the sensors for the ABS system, if a malfunction occurs in the ABS, the braking assistance system will also be inoperative.



#### WARNING!

**Always adjust your speed and driving style to suit road, traffic and weather conditions.**

- **Never let the enhanced safety offered by the braking assistance system tempt you into taking extra risks. The braking assistance system cannot reduce the risk of an accident if you are going too fast for road conditions or are not maintaining a safe distance from the vehicle ahead of you. The braking assistance system is supplementary and should not be relied upon too heavily when operating the vehicle.**



**WARNING! (continued)**

- **Wet/slippery roads are dangerous even with the braking assistance system!**

### Brake system temperature monitoring system

The brake system temperature monitoring system provides information to optimize the performance of a brake system with carbon-ceramic matrix discs, allowing the driver to improve their driving style by monitoring vehicle condition.

This system works in real time using predictive logic to estimate the actual temperatures of the brake system components as well as the state of wear and the aging of the discs and fluid. Thanks to this constant monitoring, it is possible to optimize performance with any driving style.

**WARNING!**

**Always adjust your speed and driving style to suit road, traffic and weather conditions. Never let your knowledge of the brake system's condition tempt you into taking risks.**

### Electromechanical power steering

*The power steering system helps the driver turn the steering wheel.*

The power steering system reduces the force needed to turn the steering wheel. The degree of power assistance is adjusted electronically to suit vehicle speed and steering angle.

If the electromechanical system malfunctions, the power steering will continue to operate.

If this occurs, however, power assistance is no longer adjusted to suit vehicle speed and steering angle. If the electronic regulation system malfunctions, you will notice that more effort than usual is required to turn the steering wheel at low vehicle speeds. Have the system repaired right away by an Authorized Lamborghini Dealer.

If the steering wheel is turned to a fully locked position when the vehicle is stopped, an excessive load is placed on the power steering system and a noise can be heard. This will also reduce the idle speed of the engine.

**WARNING!**

**Turning the steering wheel is very difficult when the power steering system is not working and, therefore, it is harder to control the vehicle.**

**In the event of a system malfunction, see an Authorized Lamborghini Dealer as soon as possible.**

**The power steering does not operate when the engine is off. Without engine power, turning the steering wheel requires a great deal of effort. What's more, the steering lock may engage. An accident may occur!**

- **Never let the vehicle coast downhill with the engine off.**
- **Pay close attention to all warning lights and warning messages on the instrument cluster. Ignoring them may result in accidents, serious injuries or death!**

**Important!**

To prevent damage to the power steering system, never hold the steering wheel at full lock in the maximum steered position for more than 15 seconds!

## Rear wheel steering (RWS)

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The rear wheel steering system makes it easier to handle the vehicle by varying the steering angle when the vehicle is traveling either forwards or in reverse.

At low speeds, the rear wheels steer in the direction opposite from the direction in which the front wheels are being steered, which helps the vehicle handling.

At high speeds, the rear wheels steer in the same direction as the front wheels are being steered, which helps vehicle stability.

## Spoiler

### Description

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The rear spoiler can be adjusted into one of three different positions in order to alter the vehicle's aerodynamic load; the possible positions are listed on the side of the spoiler: ALTO, MEDIO, BASSO.

When the spoiler is in the ALTO position, the vehicle has a high aerodynamic load, which reduces its speed and helps make it more stable on curves.

When the spoiler is in the BASSO position, the aerodynamic load is decreased, improving the vehicle's liveliness and speed; with the spoiler in this position, the vehicle will be more skittish when cornering.

When the spoiler is in the MEDIO position, the aerodynamic load is neutral, resulting in the best compromise between speed and stability.



#### **WARNING!**

**The spoiler must be adjusted by an Authorized Lamborghini Dealer equipped with the necessary expertise and tools.**

- **Do not attempt to adjust the spoiler yourself; the moving parts could detach if not properly secured, causing damage and injury to persons and property. An accident, injuries and/or death may occur!**
- **An incorrectly adjusted spoiler could impair vehicle stability. An accident may occur!**
- **The spoiler adjustment screws must be tightened to 11 Nm.**

## Suspension

Applies only to vehicles with: active shock absorbers

### Suspension adjustments

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Your vehicle is equipped with a semi-active, high-performance suspension control system that responds in real time to driving and road conditions based on inputs received from sensors which monitor body and wheel movements.

The system consists of four shock absorbers containing a magnetorheological fluid, as well as a set of sensors and an on-board electronic control unit.

## Power management system

### Optimization of electric power available for starting the engine

---

An intelligent management system distributes electric power and optimizes its flow to ensure that the engine starts.

When a vehicle with a conventional power management system is not used for a long period of time, the battery is discharged by devices (such as the electronic Immobilizer) that use power even when the vehicle is shut off. Under certain circumstances, sufficient electric power may not be available for starting the engine.

Your vehicle is equipped with an intelligent management system that regulates the flow of electric power. Thanks to this system, the ability of the battery to provide enough power for starting the engine in every situation is significantly increased and the battery lasts longer. Intelligent power management is accomplished by determining the battery's level of charge and managing current flow when the vehicle is shut off, as well as by a dynamic power management system.

#### Determining the battery's level of charge

The battery's level of charge is constantly monitored. Battery voltage, current draw and temperature are measured by special sensors. The battery's real-time level of charge and its condition are determined in this way.

#### Management of current flow when the vehicle is shut off

Current flow management reduces power consumption while the vehicle is not being used. When the instrument cluster is off, the flow of electric power to the various devices is managed centrally and distributed in accordance with the condition of the battery, as determined by the system.


Depending on the battery's level of charge, the individual devices that use power are deactivated one by one to prevent the battery from discharging to the point that it cannot start the engine.

### **Dynamic power management system**

During vehicle operation, the power management system distributes generated electric power in a dynamic way to the various electrical devices; that is, according to the amount each device requires. The system ensures that the amount of power that is consumed does not exceed the amount of power that is generated, thus keeping the battery charged at the optimum level.



#### **Note**

- Remember that the intelligent power management system cannot prevent the battery from discharging in extreme situations. Also keep in mind that battery power and service life are limited.
- When the power available may not be enough to start the engine, the  warning light comes on (see p. 39).

### **Power availability: additional information**

---

Having enough electric power available to ensure that the engine starts has top priority.

Particularly heavy demands are placed on the battery during short trips, in city traffic and over the winter months. In these situations, a great deal of electric power is consumed, but only a limited amount is produced. Another critical situation for the battery occurs when many electrical components are operating while the engine is off, because a large amount of power is consumed and none is produced.

This is just the kind of situation in which the proactive operation of the intelligent power management system is most noticeable.

### **Extended periods of storage**

If the vehicle is not used for several days or weeks, the individual electrical devices on-board are partially or completely shut down, one after another. Electric power consumption is thus reduced to ensure that the engine starts even after a long period of storage.

However, keep in mind that certain secondary functions (such as the power seat adjustment system) may not be immediately available after a long period of storage. These functions are restored automatically once the instrument cluster is switched on and the engine is started.

### **When the engine is off**

If you listen to the radio or use other features provided by the Multimedia System (if installed) while the engine is off, the battery will discharge.

### **When the engine is running**

The battery may discharge while you are driving even though electric power is being produced. This occurs if the amount of electric power produced is less than the amount consumed and the charge level of the battery is unsatisfactory.

To again balance the “power budget”, the electrical devices that use a great deal of power are partially or completely shut off. Of all the electrical components in the vehicle, the heating systems use the most power. As a result, the heated seats or rear window deicer may not operate in this situation because the two devices have been partially or completely shut off. These accessories will be restored to normal operation as soon as enough electric power is available.

You will also notice that the idle speed of the engine is higher than usual. This is perfectly normal and should not be a cause for concern. The increased idle speed produces more electric power for charging the battery.

## Economical, environmentally friendly driving

### Break-in

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Your Lamborghini requires a break-in period of at least 930 miles. During the first 930 miles, avoid flooring the accelerator and exceeding 6,000 rpm. From 1,240 miles to 1,550 miles, it is important to gradually increase the load placed on the engine by accelerating the vehicle more and more energetically. Maximum engine speed can now be increased, but avoid remaining at high RPM for extended periods.

During the first few hours of operation, the friction inside the engine is greater because moving parts are mutually adjusting to their mechanical movements.

Your driving style during the first 930 miles is crucial to the life of the engine. Even when break-in is complete, drive sensibly and do not stress the engine when it is cold. This will reduce engine wear and increase its life.

Avoid excessively low engine speeds. Engine speed is automatically limited according to the temperature of the engine oil, up to a maximum allowed speed of 8,500 rpm.

## Breaking in the brake pads

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### New brake pads

New brake pads require a break-in period of approximately 250 miles before they offer optimal braking performance. The slightly lower braking action of new pads can be compensated by applying greater pressure on the brake pedal. Do not stress the brakes excessively while the pads are breaking in.



#### Note

Ceramic brake discs offer greater braking effectiveness than standard discs because of the following characteristics:

- Faster deceleration for the same amount of brake pedal pressure.
- Improved ability to withstand constant braking, with less wear on the pads and discs.
- Higher coefficients of friction between pad and disc, with resulting higher performance.
- However, these discs must be broken in more carefully.



#### Important!

- Never accelerate and brake at the same time.
- Always follow the speed limits in the countries where you are driving.
- Let the system cool down between one period of braking and another.

## New tires

---



#### WARNING!

**To reduce the risk of losing control, having an accident and suffering serious injuries or death, drive with extra care during the first 310 miles when the vehicle is equipped with new tires.**

## Sections of road covered with water

---

To prevent damage to the vehicle when traveling over roads where there is a large amount of water, be sure to heed the following instructions:

- The water level must not be higher than the lower edge of the vehicle body.
- Do not exceed 5 Km/h.



#### WARNING!

- **After traveling over sections of road covered with water, mud, slime, etc., brake response may be delayed because the brake discs and pads are wet. An accident may occur! Increase the pressure on the pedal.**
- **Brake performance can be restored by carefully applying the brakes a few times to dry the discs and pads. Apply the brakes to “dry the brakes” only when traffic conditions permit. Other road users must not be endangered. An accident may occur!**



#### Important!

- When traveling over sections of road covered with water, parts of the vehicle (such as the engine, gearbox, chassis or electrical

components) may be seriously damaged.

- You must disable the Start & Stop system when traveling over sections of road covered with water (see p. 174).
- Before traveling over a section of road covered with water, check its depth. The water level must not be higher than the lower edge of the vehicle body.
- Never leave the vehicle stopped in the water, do not back up and do not shut off the engine.
- Warning: Vehicles approaching from the opposite direction may cause waves that exceed the maximum level of water your vehicle can handle.
- Avoid crossing sections of road covered with salt water (which may cause damage due to corrosion).

## Catalytic converter

*To minimize harmful emissions, the exhaust gas post-treatment system (catalytic converter) must operate properly.*

- Be sure to use unleaded fuel only (Types of gasoline - see p. 296).
- Do not overfill the engine with oil (Adding engine oil - see p. 307).

Never allow the fuel tank to run completely dry. The resulting irregular fuel supply can cause the engine to misfire. Raw fuel could then enter the exhaust system, which would cause overheating and could damage the catalytic converter.



### WARNING!

**A catalytic converter can get extremely hot and cause fire, serious injury or death.**



### WARNING! (continued)

- **Never park the vehicle in areas where the hot catalytic converter and exhaust system can come in contact with dry grass, brush, spilled fuel or other inflammable materials. These materials may catch fire.**
- **Never apply inflammable materials, especially not on or near the exhaust manifolds, exhaust pipes, catalytic converter, heat shields or, more generally, near to or inside the engine compartment. These products may overheat and cause a fire during driving.**



### Important!

- Remember that refueling with leaded fuel only once may prevent the catalytic converter from functioning properly.
- If you notice a loss of power or rough engine operation while driving, proceed slowly and have the vehicle inspected as soon as possible at an Authorized Lamborghini Dealer. These symptoms may be due to problems with the ignition system. If this happens, raw fuel may enter the exhaust system and be released into the atmosphere. The catalytic converter may also be damaged seriously by overheating.

## **Efficient and environmentally friendly driving**

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Your style of driving has a direct effect on fuel consumption, wear on the engine, brakes and tires, and the environment. A prudent, economical driving style can reduce fuel consumption. The paragraphs that follow contain suggestions for driving in a way that may be more economical and environmentally friendly.

### **Drive cleverly**

More fuel is consumed during acceleration. So, it is a good idea to drive as smoothly as possible by reducing braking - and therefore periods of acceleration - as much as possible. When that is not possible (for example, when approaching a red light), we recommend proceeding with the vehicle in gear and lifting your foot off the accelerator. The resulting engine braking reduces wear on brakes and tires, and fuel consumption and exhaust gases are reduced because the flow of fuel is cut off when the accelerator is released.

### **Use the gearbox wisely**

An effective way to save fuel is to shift to a higher gear as soon as possible. Staying in each gear until engine RPM reaches the red line wastes fuel.

### **Avoid hard acceleration**

Avoid hard acceleration, which can cause vehicle instability and heighten the risk of accident, and also increase fuel consumption and noise. To prevent this, we recommend accelerating gradually. Always stay within the legal speed limits of the road you are driving on.

### **Avoid standing with the engine idling**

In traffic jams, while waiting at railway crossings and at traffic lights, where the engine must idle for long periods of time, it may be a good idea to shut off the engine. After as little as 30-40 seconds of standing with the engine shut off, the amount of fuel saved is greater than the amount required to start the engine back up.

An engine at idle requires a great deal of time to reach operating temperature. However, while the engine warms up at idle, exhaust emissions and engine wear are significantly increased. Avoid high engine speeds.

### **Have maintenance performed regularly**

Regular maintenance is fundamentally important for reducing fuel consumption even before you get behind the wheel. A vehicle in good condition not only is safer to drive and maintains its resale value over time, it also uses less fuel. An improperly maintained engine can use up to 15% more fuel than normal!

### **Avoid short trips**

The engine and the emission control system must reach operating temperature to maximize fuel economy and minimize exhaust emissions.

Fuel consumption is particularly high when the engine is cold. The engine reaches proper operating temperature and fuel consumption returns to normal only after the vehicle has traveled at least 2 miles.

### **Check the pressure of your tires**

Correct tire pressure saves fuel (see p. 337). If tires are underinflated by as little as a half a bar, fuel consumption can increase. The increased friction that improperly inflated tires causes rapid deterioration and poor performance.

It is not a good idea to use winter tires all year round since they can increase fuel consumption.

### **Saving electric power**

Fuel consumption also depends on the amount of power used by the electrical devices in the vehicle. The alternator, which supplies this power, is driven by the engine. Therefore, it is good practice to switch off all unnecessary electric devices. The fan and the heated seats are among the devices that require the most power to operate.



## **Environmental compatibility**

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*Protecting the environment was a top priority when your new Lamborghini was designed and when its materials and production methods were chosen.*

### **Measures taken to ensure that the vehicle can be easily and economically recycled**

- Joints between components designed for easy removal
- Modular construction for simplified disassembly
- Enhanced purity of materials
- Components in synthetic material and elastomer named according to ISO 1043, ISO 11469 and ISO 1629 standards

### **Choice of materials**

- Wide use of recyclable materials
- Use of similar synthetic materials within each functional group
- Use of recyclable materials
- Reduced “evaporation” of synthetic materials
- A/C system with CFC-free coolant

### **Compliance with bans on the use of the following hazardous substances: cadmium, asbestos, lead, mercury, chromium VI**

### **Production**

- Recycled materials used to manufacture plastic components
- Solvent-free protective treatment given to cavities
- Solvent-free materials used for vehicle protection during transport
- Solvent-free adhesives used
- Use of CFCs eliminated from production
- Recovery of residual materials to obtain energy and supplemental

- building construction materials
- Reduced waste water
- Use of heat recovery systems
- Use of water-based paints

## Intensive operation

### Particularly demanding use of the vehicle

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Automobili Lamborghini S.p.A. reminds you that your vehicle is not covered under the new vehicle limited warranty if it is operated in professional or amateur motor racing activities. Your vehicle has been certified for on-the-road use only.

Before subjecting the vehicle to particularly demanding use, Automobili Lamborghini S.p.A. recommends you consult an Authorized Lamborghini Dealer to get special information and instructions on driving and maintenance under such conditions.

Intensive operation should be understood to mean any use of the vehicle that, due to the speeds reached, the conditions of the asphalt and/or ground and/or the weather conditions, may cause high amounts of stress to the vehicle's structure, parts, components and devices, such that it is necessary to perform a preliminary check of the vehicle's technical condition in order to establish whether the necessary safety conditions exist and, if they do not, to determine what types of maintenance are required.

In particular, in addition to the checks specified in the Warranty and Scheduled Maintenance Plan Booklet, be sure to have the following inspections performed by qualified personnel before driving the vehicle in a demanding way:

- Tires and rims: check tread, pressure and general condition
- Single-bolt mounting system: check for correct tightening, and make sure the lock pin is engaged properly
- Steering system: check for correct operation and check general condition
- Brake system: bleed the system and fill it with new fluid
- Brake discs and pads: check for wear

- Shock absorbers: check for fluid loss and check general condition
- Wheel alignment: check for proper alignment
- Engine oil circuit: check oil level

If the vehicle is put to particularly demanding use by taking constant advantage of its high performance, the wheels are subjected to significant stress. Like all other chassis components, the mounting system with a single bolt requires careful attention if the vehicle is put to intensive use.

- Have an Authorized Lamborghini Dealer check the tightening torque on the single bolts or wheel bolts and, if necessary, also before, during and after such use
- Never drive the vehicle without single bolts or unless they are correctly tightened
- Have an Authorized Lamborghini Dealer check all wheel mounting components - such as the single bolts or wheel bolts, wheel, hub, hex nut and brake disc - for excessive wear. If necessary, have them replaced before and after use
- Particularly demanding use causes wheel axle components and the suspension, ball joints, rubber supports and brake system to wear significantly, since they are subjected to heavy loads. If these components wear significantly, vehicle handling may be negatively affected. See an Authorized Lamborghini Dealer to have the condition of the above components inspected after intensive use
- After the vehicle is subjected to particularly demanding use, have an Authorized Lamborghini Dealer check the wheel alignment, tires and rims, wheel mounting bolts, steering system, brake system (including the fluid, discs and pads) and shock absorbers

**WARNING!**

- **Do not delay the necessary checks, maintenance and parts replacements, since the failure to perform these operations promptly may cause an accident. If the vehicle is used in a particularly demanding manner, see an Authorized Lamborghini Dealer to have the required inspections and maintenance operations performed.**
- **Wheels of incorrect size, unauthorised components, spacers etc. can break or sustain damage and compromise vehicle handling.**
- **Use only wheel rim/tire combinations and components approved by Lamborghini.**

## Driving abroad

*Information on operating the navigation system is provided in a separate booklet.*

### Unleaded fuel

*When traveling abroad, you may find that certain items which are essential for vehicle operation are not available.*

Make sure that unleaded fuel is available in the country you are visiting.

**Important!**

Only use unleaded fuel in your vehicle. Check with the automobile club in your country for more detailed information on locations where unleaded fuel is available.

### Adjusting the headlights for driving on the opposite side of the road

*When visiting a country where you drive on the opposite side of the road as compared with the country where the vehicle was registered, the headlights need to be adjusted to prevent them from blinding oncoming traffic.*

For safety reasons, the headlights will have to be adjusted by an Authorized Lamborghini Dealer.

**WARNING!**

**The low beam headlights on your vehicle are configured asymmetrically; that is, they illuminate the lane you are driving in more strongly. If you are travelling to a country where driving is on the left, you will blind oncoming traffic. An accident may occur!**

**For further information on this topic, it is recommended that you contact an Authorized Lamborghini Dealer.**

## Race circuit driving

### Preamble to Huracán STO Race Circuit Session

#### Race circuit driving



#### WARNING!

**The vehicle is not designed for motor sports competitions. To avoid danger of serious accidents, the vehicle is not to be used for motor sports competitions.**

Driving at excessive speeds and risky maneuvers may lead to loss of control over the vehicle.

- Adapt your driving style and maneuvers to your personal ability, the road and weather conditions, as well as the traffic situation.

“Driving on race circuits” means the non-competitive operation of the vehicle on race circuits (e.g. in the context of track days, driver training events, slalom trips etc.) or other courses closed to the public (e.g. hill climb races).

Compared with driving on roads, driving on race circuits involves disproportionately high vehicle loads, which pure race vehicles are able to withstand thanks to short maintenance and component reconditioning intervals. This includes carrying out.

Driving on race circuits requires checks and replacing individual components where necessary after each race circuit session, through to overhauling entire assemblies after a specified period.

Before and after driving on a race track, have the car checked by an Authorized Lamborghini Dealer.

For information on service intervals for race circuit driving contact an Authorized Lamborghini Dealer.

The following chapter explains the most important technical aspects that require your attention if you drive your vehicle on the race circuit. It also lists the check that you must carry out before each session.

The main objective is to help ensure that your Huracán STO remains in good technical condition at all times, including during race circuit sessions to ensure your personal safety.

## Specifics of Individual Vehicle

### Assemblies

Given the particular vehicle loads associated with race circuit driving, there are certain additional issues that require attention. These are summarized below for the most important assemblies.

#### Brake system

Loads on the entire brake system during race circuit driving are significantly higher than with “normal” use, partly due to the achievable braking effect and the higher component temperatures associated with this.

#### Brake pads

During driving on the race circuit, the pads (inner and outer) may exhibit brake pad wear characteristics which cannot be fully detected by the standard brake pad wear indicator. Therefore, it is absolutely essential to visually inspect the pad condition before and after driving on the race circuit.

The standard brake pads are also ideally suited to driving on race circuits, so no special brake pads are required.



#### **WARNING!**

**Use of non-approved brake pads is not permitted under any circumstance. Use of non-approved brake pads may lead to a significant decrease in brake performance that could result in serious injury or death and property damage.**

### Brake discs



**Fig. 139 Checking the CCMRBrembo for wear.**

CCMR Brembo brake disc assessment can only be carried out using a special measuring device that measure the status of disc wear. The vent bores on friction ring on these brake discs in particular can become clogged with brake dust. They should therefore be checked and cleaned if necessary before every race circuit session.

For more information about the measuring device, please contact your Authorized Lamborghini Dealer.

For information on service intervals for race circuit driving contact an Authorized Lamborghini Dealer.

#### Brake fluid

A brake fluid check (boiling point and filling level) is essential before every race circuit session. It is recommended that you have the

brake fluid inspected and, if necessary, replaced after every race circuit session.



**WARNING!**

If the boiling point is under 428 °F it is absolutely necessary to change all of the brake fluid, an Authorized Lamborghini Dealer has the appropriate tools to accurately measure the boiling point.



**Important!**

Only brake fluid approved by Lamborghini can be used in this vehicle. These checks must be performed by dealers with appropriate tools.

**Brake calipers, brake hoses and lines**

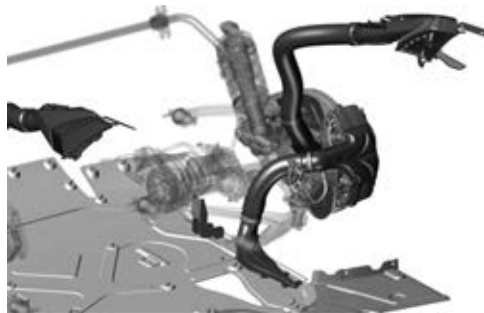


**WARNING!**

Before every race circuit session, check the brake caliper dust boots and all brake hoses and lines for signs of damage, and replaced if necessary by an Authorized Lamborghini Dealer.

**Brake cooling**

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**Fig. 140 Front/rear brake cooling assembly.**

The brake cooling system is present on both axles, in the front there is a large air intake on the underbody that allows fresh air to be brought directly to the brake disc through two large cooling pipes; on the rear axle there is a system for cooling the disc and another that uses a Naca on the underbody to channel the air and bring it directly to the brake caliper via an air duct fixed on the caliper itself. Check that these are in perfect condition (in particular that they

are damage-free) and correctly assembled before every race circuit session. They can be damaged due to crossing scurbs, for example.

After race circuit sessions, “cooling laps” must be performed to control the temperature reduction of the brake system, which has a particularly strong thermal load. Stopping of the vehicle without cooling laps will result in a further rise in component temperature due to stationary heat build-up. This can irreparably damage individual components.

## Brake Temperature Management

Driving on track involves demanding use of the brake system.

Huracán STO is equipped with a monitoring system able to provide useful information regarding:

- Brake fluid temperature
- Brake discs temperature
- Brake fluid aging
- Brake discs wear

Please refer to chapter “Monitoring the brake system temperatures” (Page 63) of the Owner’s Handbook for more information.

## Tires

Huracán STO offers two different tire specifications to cover a wide range of vehicle use.

BRIDGESTONE Potenza Sport is the standard equipment and is specifically developed to enhance vehicle behavior on the open road. However, BRIDGESTONE Potenza Sport also provides excellent performance level also on track.

BRIDGESTONE Potenza Race is an optional choice offered to explore the maximum performance of Huracán STO on a race circuit: a semi-slick track-oriented tire for dry conditions.

### Before driving on track

---

While driving on a track, tires are heavily stressed. To help ensure the maximum level of performance and safety it is fundamental to check tire status before entering a race circuit:

- Tire tread depth shall be at least 0.16 in.
- Tire mileage shall be no more than 1240 miles
- Manufacturing date shall not be older than 12 months
- Inflation pressure at cold\* must be as indicated in Table "Inflation Pressure Information", in row "PCold" (Page 275)

### Tire Pressure Management

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As you enter the track with cold tires a warm-up cycle must be completed to reach the correct working temperature of tread and carcass as well as a stable pressure value.

With certain driving style, and at high ambient air temperatures, tire pressure could significantly increase. In this case it may be necessary when driving on a race circuit to compensate for the increased pressure in hot tires by releasing air. Inflation pressure at hot\*\* is indicated in Table "Inflation Pressure Information", in row "PHot" (Page 275).

During the first few laps slowly increase your pace until the tires are fully warm and the indicated pressure has reached at least 36.3 psi for the front axle and 34.8 psi for the rear axle.

Stop the vehicle and adjust the pressure according to the values indicated in Table "Inflation Pressure Information", in row "PHot" (Page 275).

After completing the warm-up cycle the tires are ready for the race circuit.

For driving on a race circuit, you can use Tire Pressure Monitoring System (TPMS) to set and monitor pressures different than those used on public roads.



#### Note

- Releasing air from cold tires before driving on a race circuit can damage the tire structure.
- Air should only be released from warm tires.



## Tire wear on track

Tire wear on race circuits is substantially higher compared to normal road use and it is strongly influenced by several factors such as driving style, track characteristics and ambient conditions.

Therefore, the driver must repeatedly check the tire status and replace them if necessary.

## Driving on wet / damp track

In case of wet or damp track conditions, the use of BRIDGESTONE Potenza Race is not recommended. BRIDGESTONE Potenza Sport must be used instead.



### WARNING!

**Only use of Lamborghini approved tires is permitted. Use of slick tires is never permitted because they can subject chassis and body components to excessive loads and cause damage as a result.**

\*) Cold pressure must be checked and adjusted before driving the vehicle. Tires must be at ambient temperature.

\*\*\*) Hot pressure must be checked and adjusted only after the warm-up cycle has been completed

## Inflation Pressure Information

Tire Spec.	BRIDGESTONE Potenza Sport		BRIDGESTONE Potenza Race	
Axle	Front	Rear	Front	Rear
PCold	31.9psi	31.9 psi	29.0 psi	27.6 psi
PHot	40.6 psi	40.6 psi	40.6 psi	37.7 psi



### WARNING!

**These pressure values are only valid when driving on race circuits. While driving on public roads pressure values shall be set according to the values listed in the Owner's Handbook (Page 385).**



### Note

- Before driving on public roads, after a track session, verify tires status and replace them if necessary.
- Check the tire pressure and correct to the required pressure if necessary.

## Rims

Using rims with non-standard dimensions (rim width, rim offset, etc.) changes the driving characteristics. In particular, widening the track by using a lower rim offset on the front axle can be highly detrimental to handling, with significant effects in the high speed range.

Use only wheels approved by Lamborghini.

Do not fit wheel spacers.

## Other chassis topic

### Chassis setup

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The factory setting is suitable for driving on both public roads and race circuits.

It provides a balanced compromise between high maximum lateral acceleration and excellent controllability, including on the race circuit.

No chassis setup change of any kind is permitted.

### Suspension alignment/Wheel clearance

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Lamborghini recommends regular checks of the entire chassis setup (suspension alignment) because it has such a great influence on handling and the wheel clearance is engineered to achieve maximum performance. The chassis setup requires strict compliance with values set by Lamborghini.

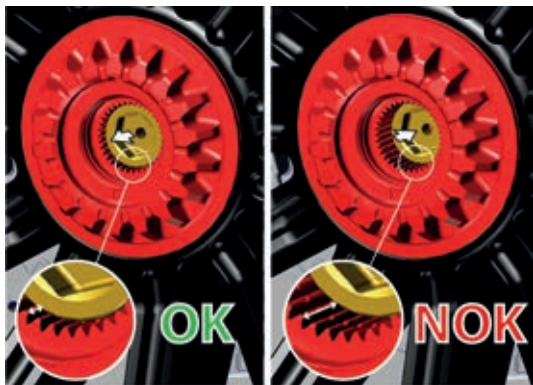
### Central bolt

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**Fig. 141 Single bolt and wheel hub.**

Even if all the relevant chassis components are regularly checked, certain components must still be replaced after specific time periods if the vehicle is driven on race circuits. This applies to central bolt system.



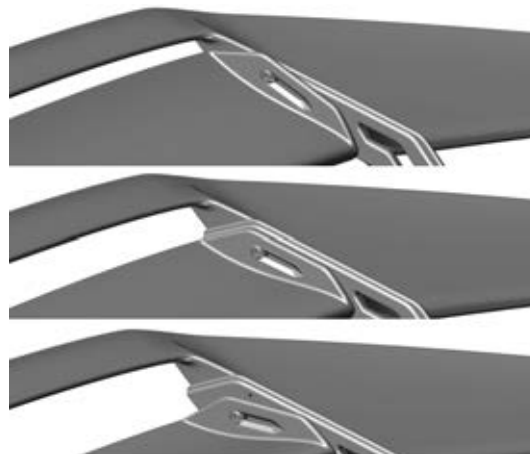
**Fig. 142 Position of lock pin.**

In particular check the position of the locking pin.

- If the locking pin completely covers the interrupted part of the internal teeth (there is a slot along the entire circumference) of the single nut (OK - Fig. 142), this means that it is in the correct position and has locked automatically, and fastening is complete
- If the locking pin remains inside the single nut (NOK - Fig. 142) you must use the tool (2 - Fig. 170 - Page 350) to complete fastening

For information on service intervals for race circuit driving contact an Authorized Lamborghini Dealer.

## Aerodynamic components



**Fig. 143 Adjusting the spoiler.**

The aerodynamic behavior of the vehicle is greatly affected by rear wing angle of attack. This component needs to be checked for signs of damage and to ensure it is correctly mounted and fixed (torque 11 Nm - see Page 260) before every race circuit session.

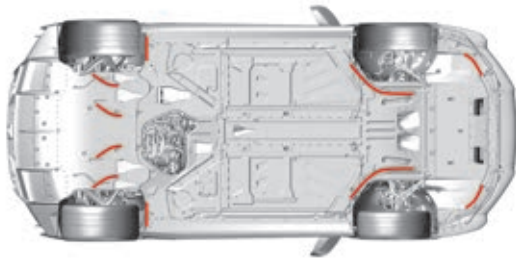
The rear wing angle of attack can be adjusted in 3 fixed positions for driving on race circuits. As in the case of the chassis, factory settings for the vehicle's aerodynamic stability are a balanced compromise between the downforce acting on front and rear axles and the resulting drag.

A steeper angle of attack results in higher drag and shifts the aerodynamic balance towards the rear axle. This means an increase

of the rear axle aeroload and higher tendency to understeer.

Slighter angles of attack shift the aerodynamic balance toward the front axle. This leads to an increase on the front axle aeroload with the consequence to have a more direct steering and a higher tendency to oversteer.

## Underbody spoilers



**Fig. 144 Underbody spoilers.**

The underbody spoilers need to be installed correctly on the vehicle in order to achieve the right aerodynamic balance on the two axles. Check that these are in perfect condition (in particular that they are damage-free) and correctly assembled before every race circuit session. They can be damaged due to crossing curbs, for example.

These checks must be performed by dealers lifting the car.

## Cofango and Engine Bonnet Latch System

The proper closure of the Cofango and Engine Bonnet must be checked before every race circuit session.

The sign must be oriented on the closed padlock illustration.



**Fig. 145 Opening.**

### Opening

In order to correctly open the Quik-Latch, proceed with the following steps:

- Insert the key and turn it 90° counter-clockwise. Use the trilobate key provided. Do not force the key during the rotation. No excessive resistive torque should be experienced
- Push the inner button. Once pushed, you should hear a “click” sound. This means the Quik Latch body and the bottom pin have been unlatched. The button will not be flush with the rest of the body
- Repeat steps 1 and 2 for the Quik-Latch on the other side of the Hood



Fig. 146 Closing.

### Closing

In order to correctly close the Quik-Latch, proceed with the following steps:

- Latch the Quik-Latch body to the bottom pin. Once latched, you should hear a "click" sound. This means the Quik-Latch body and the bottom pin have been correctly latched. The inner button should now be flush with the rest of the Quik Latch body
- Insert the key and turn it 90° Clockwise. Use the trilobate key provided. Do not force the key during the rotation. No excessive resistive torque should be experienced. If excessive resistive torque is experienced, the Quik-Latch body and the pin have not been latched correctly
- Repeat steps 1. and 2. for the Quik-Latch on the other side of the Hood

## Engine oil

Check the oil level before each track session and before starting to drive wait oil temperature reaches the normal operating condition. After session it is requested to replace oil and oil filter to preserve engine performance and reliability.

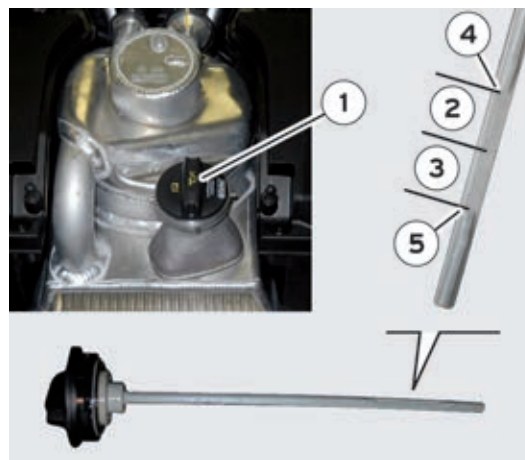


Fig. 147 Checking the engine oil level.



### Important!

- When you check the oil, the dipstick must be inserted completely, and the bayonet catch must be locked (with an audible click!). Otherwise, you'll get a false reading!
- Do not operate the vehicle if the engine oil level is above maximum (4 - Fig. 147) or below minimum (5 - Fig. 147).

### **How to check the engine oil level**

- Warm up the engine until the oil temperature, as shown on the gauge, is between 212 °F and 230 °F
- Make sure the vehicle is on level ground
- Let the hot engine idle for about two minutes
- Shut off the engine and wait two minutes
- Check the oil level on the dipstick (1 - Fig. 147)
- If the level of oil in the engine is in the Do not fill range (2 - Fig. 147) do not add oil
- If the level of oil in the engine is in the Fill range (3 - Fig. 147) add oil until the level is at the center of the Do not fill range (2 - Fig. 147)

### **Intake air filter**

After track session it is recommended to check air filter cartridge status. To be replaced if it is necessary.

### **Coolant**

#### **General information**

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Check the coolant level before each race circuit session and top up if necessary.

Following race circuit sessions, “cooling laps” must be performed to control the temperature reduction of assemblies with a particularly strong thermal load (e.g. brake system, engine). Sudden stopping of the vehicle will result in a further rise in component temperature due to stationary heat build-up. This can irreparably damage individual components.

The vehicle checks in the next section serve to help ensure that your Huracán STO remains in good condition during race circuit driving and therefore also helps ensure your personal safety.

Your Authorized Lamborghini Dealer can help you carry out the specific vehicle inspection for your race circuit session.

## Checking the coolant level HSTOMY21

Check the coolant level only when the engine is cold and the vehicle is on level ground.

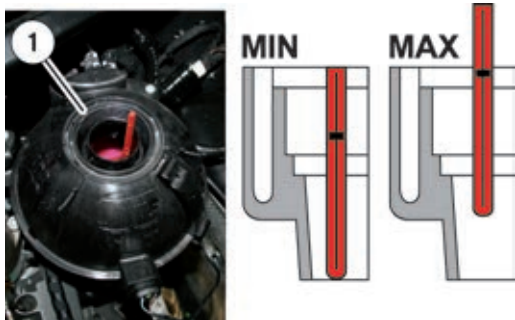


Fig. 148 Engine compartment: access to the coolant reservoir.



### WARNING!

- **Stop! Before opening the engine compartment always read and heed the information contained in the WARNINGS (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**
- **The cooling system is under pressure! Never loosen the cap on the reservoir when the engine is hot. You could burn yourself!**



### WARNING! (continued)

- **Coolant and antifreeze are hazardous to health. Store antifreeze in its original container and in a safe place out of the reach of children. It could be poisonous!**

#### How to access the coolant reservoir

- Follow the warnings for work on the engine compartment
- Unscrew the coolant reservoir inspection cover screws using a flat screwdriver or a coin (one half turn will suffice)
- The cover is fastened with a snap-in system; pull to remove it



#### Note

When the work is finished, refit the cover.

#### How to check the coolant level

- Follow the warnings for work on the engine compartment
- Set the parking brake
- Select the parking mode (P)
- Shut off the engine and the instrument cluster
- Wait until the engine cools down
- Check the coolant level in the radiator expansion tank (1 - Fig. 148). When the engine is cold, the coolant level must be between MIN/MAX, as shown in the figure. When the engine is warm, the level may even be slightly above MAX



### **WARNING!**

**Steam and hot coolant can cause serious burns.**

- **Never open the engine hood if you can see or hear steam or coolant escaping from the engine compartment. You may be seriously burned! Wait until you no longer see or hear steam or coolant escaping from the engine compartment. Wear protective implements (such as gloves, goggles, etc.).**
- **Always let the engine cool down completely before opening the hood, and then open it carefully. Hot engine components will burn the skin on contact.**
- **Never reach into the area around or touch the radiator fan. Contact with the blades can cause serious personal injury. Always keep in mind that the fan is temperature-controlled and can start without warning, even when the engine is switched off momentarily.**
- **Never unscrew the cap on the radiator expansion tank when the engine is hot. A hot engine will heat the coolant and put it under pressure. Removing a cap that is under pressure can cause serious injury and/or burns.**
- **Always protect your face, hands and arms from escaping coolant or steam by covering the cap on the expansion tank with a large, thick rag.**
- **Slowly and carefully turn the cap on the coolant expansion tank counterclockwise while applying light downward pressure on the top of the cap.**
- **Never spill anti-freeze or coolant on the exhaust system or hot engine parts. Under certain conditions, the ethylene glycol in engine coolant can catch fire.**

If the coolant level is above the minimum contact an Authorized Lamborghini Dealer to have the coolant level adjusted and a check for loss of coolant from the system.





**Technical instructions and warnings**

## Cleaning and care

### Overview

*Regular cleaning and care will help maintain the value of your vehicle.*



**Fig. 149 CAR CARE KIT LAMBORGHINI.**

To maintain and/or increase the value of your vehicle, it is recommend that you purchase a CAR CARE KIT LAMBORGHINI, a series of products from the Accessori Originali line that is designed specifically for the care of your vehicle. To order Accessori Originali, simply visit any Authorized Lamborghini Dealer.

Be sure to follow the instructions on the packages.



### WARNING!

Vehicle care products can be dangerous because they may contain hazardous substances. Improper use can cause serious injury and/or poisoning.

- Always store vehicle care products in a safe place and in their original containers, which must be securely closed.
- To reduce the risk of poisoning, never use empty food or beverage containers that might mislead people into drinking the contents.
- Always keep vehicle care products out of the reach of children.
- Always read and heed all the instructions and WARNINGS on the package before using vehicle care products.
- Most chemical cleaning products are concentrated solutions that require dilution.
- When using products that give off hazardous fumes, always work outdoors or in a well ventilated area.
- Never use gasoline, kerosene, turpentine, engine oil, nail polish remover or other volatile liquids. These substances are poisonous and highly flammable. They may cause fire and explosion!
- Do not wash, wax or dry the vehicle while the engine is running.
- Sharp edges under the vehicle can cut exposed skin. Protect your hands and arms from metal parts with sharp edges, especially when cleaning the underside of the vehicle and the insides of the wheel wells, etc.
- Brakes react more slowly and require longer stopping distances when wet. Always dry the brakes with a few careful brake applications after each vehicle wash.
- Apply the brakes to "dry the brakes" only when traffic conditions permit. Other road users must not be endangered. An accident may occur!

**WARNING!**

**Accidental vehicle movement can cause serious injury or death!**

- **Always stop the engine, set the electromechanical parking brake and remove the key from the ignition before washing your vehicle or performing maintenance or repairs.**

**Protecting the environment**

Choose environmentally friendly cleaning products, only. Leftover vehicle care materials should not be disposed of as ordinary household waste. Rather, they should be disposed of separately in accordance with local laws.

## Exterior care

### Washing the vehicle

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**Fig. 150 Air intake ducts (1).**

Washing and waxing your vehicle is the best way to protect it from the weather and from harmful substances in the environment. How often you should wash it depends on a number of factors, such as:

- How often you operate the vehicle
- Where the vehicle is parked (in a garage or outdoors, under trees, etc.)
- The season
- The weather
- The level of air pollution

The longer substances such as bird droppings, insect fragments, tree sap, road grit, industrial deposits, tar, soot, road salt and other aggressive materials remain on the paint, the more extensive the

damage they cause. Besides, high temperatures intensify their corrosive action. After winter, when salt is generally spread on the roads, it is important to have the underside of the vehicle washed thoroughly.



#### **WARNING!**

- **The vehicle cannot be washed and dried in an automatic car wash facility.**
- **Before washing the vehicle, set the parking brake and wait for the engine to cool down completely.**
- **Sharp edges under the vehicle can cut exposed skin. Protect hands and arms from metal parts with sharp edges, especially when cleaning the underbody and wheel wells. Otherwise, you may cut yourself!**
- **Check the brakes carefully after the vehicle is washed.**
- **Wet brakes or brakes coated with ice or road salt react more slowly and require longer stopping distances.**
  - **Carefully apply the brakes to test them.**
  - **Always dry the brakes and clean off residual ice and salt by applying the brakes carefully several times.**
  - **Apply the brakes to "dry the brakes" only when traffic conditions permit. Other road users must not be endangered. An accident may occur!**



#### **Important!**

- Make sure the doors, hood, rear hatch and windows are closed before you wash the vehicle. Water may seriously damage the interior!
- If using a spray nozzle, be very careful not to aim it towards the air intake ducts (1).



#### **Note**

Use pH neutral detergents when washing exterior chrome. The concentrated alkaline detergents normally used in commercial vehicle washes can leave opaque or whitish spots on chrome.

### **Car-wash centers**



#### **WARNING!**

**The vehicle cannot be washed and dried at a car-wash center.**

Applies to vehicles or parts of vehicles with: polished finish

### **Washing vehicles with a polished finish by hand**

- Wet your vehicle down generously with water to remove dirt, and rinse well.
- Using a soft sponge, clean the vehicle starting from the top and working toward the bottom.
- Use shampoo only when absolutely required.
- Rinse the vehicle thoroughly.
- Dry with a chamois.

Always wet the vehicle down with large amounts of water and be sure to rinse it thoroughly.

Rinse the sponge or mitt often with large amounts of water.

Wash the wheel wells, wheels and surfaces under the vehicle last. Use a different sponge than the one used on painted exterior vehicle surfaces.

**WARNING!**

- **The vehicle must always be washed with the engine switched off. Otherwise, it could be dangerous!**
- **Set the parking brake and wait for the engine to cool down completely before washing the vehicle.**
- **Sharp edges under the vehicle can cut exposed skin. Protect hands and arms from metal parts with sharp edges, especially when cleaning the underbody and wheel wells. Otherwise, you may cut yourself!**
- **After washing the vehicle, drive slowly and apply the brakes a few times to dry the discs.**
- **Wet brakes or brakes coated with ice or road salt react more slowly and require longer stopping distances.**
  - **Carefully apply the brakes to test them.**
  - **Always dry the brakes and clean off residual ice and salt by applying the brakes carefully several times.**
  - **Apply the brakes to "dry the brakes" only when traffic conditions permit. Other road users must not be endangered. An accident may occur!**

**Important!**

- Do not wash the vehicle in direct sunlight. Water droplets act like tiny magnifying glasses and can damage the paint.
- When washing the vehicle in winter with a spray gun, do not allow water to enter the door lock cylinders or the gaps around the doors and the engine compartment. Otherwise, ice may form in these areas.
- Never use abrasive sponges, which could damage the paint.
- Clean stubborn dirt (such as insect fragments) from the headlights at regular intervals. We recommend doing so every time you refuel. Never clean the headlights with a dry cloth. To prevent scratching, use soap and water.

- We recommend you do not use nozzles with a circular spray pattern, especially on the tires. The tires can be damaged, even if you perform the operation quickly and from a distance.

Applies to vehicles or parts of vehicles with: polished finish

**Polishing the finish**

Polishing restores shininess to the colored finish. Polishing is only necessary if the paint has lost its shine and the gloss cannot be restored with simple waxing. It is recommended that you use the specific products included in the CAR CARE KIT LAMBORGHINI or see an Authorized Lamborghini Dealer.

**Important!**

Parts made of plastic or with a matt finish must not be treated with wax or polishes.

Applies to vehicles or parts of vehicles with: matt finish

**Washing vehicles with a matt finish by hand**

*We recommend that vehicles or parts of vehicles with a matt finish be washed exclusively by hand.*

- Remove (preferably with an air jet) any dust or other substances that may damage the paint.
- If possible, remove any insects, marks and fingerprints using a product suitable for matt finishes and a soft cloth. To avoid scratching the surface, do not apply excessive pressure.
- Wet your vehicle down generously with water.
- Use neutral detergents.

- Next, wash the vehicle from top to bottom with a soft, non-synthetic sponge (use a sea sponge).
- Dry the vehicle with an air jet.
- Remove any residual water with a natural chamois. Do not apply excessive pressure.

If necessary, repeat the cleaning procedure using an air jet and a product suitable for matt finishes after you have dried the vehicle completely to remove any fingerprints.

Always wet the vehicle down with large amounts of water and be sure to rinse it thoroughly.  
Rinse the sponge or mitt often with large amounts of water.  
Wash the wheels and the door sills last. Use a different sponge.



#### **WARNING!**

- **The vehicle must always be washed with the engine switched off. Otherwise, it could be dangerous!**
- **Set the parking brake and wait for the engine to cool down completely before washing the vehicle.**
- **Sharp edges under the vehicle can cut exposed skin. Protect hands and arms from metal parts with sharp edges, especially when cleaning the underbody and wheel wells. Otherwise, you may cut yourself!**
- **After washing the vehicle, drive slowly and apply the brakes a few times to dry the discs.**
  - **Apply the brakes to “dry the brakes” only when traffic conditions permit. Other road users must not be endangered. An accident may occur!**



#### **Important!**

- Do not wash the vehicle in direct sunlight. Water droplets act like tiny magnifying glasses and can damage the paint.

- Always wash the vehicle exclusively by hand.
- Never use abrasive sponges, which could damage the paint.
- Clean stubborn dirt (such as insect fragments) from the headlights at regular intervals. We recommend doing so every time you refuel. Never clean the headlights with a dry cloth. Use soap and water whenever possible.
- Using unsuitable products and incorrect washing methods may affect the matt appearance of the surface you are cleaning.
- A vehicle or areas of a vehicle with a matt finish should never be polished.
- Wax or polish should never be used on a vehicle or parts of a vehicle with a matt finish.
- Never rub a vehicle or parts of a vehicle with a matt finish.
- If the matt finish on your vehicle is damaged, the entire component where the damage has occurred must be repainted.
- We recommend you do not use nozzles with a circular spray pattern, especially on the tires. The tires can be damaged, even if you perform the operation quickly and from a distance.

Applies to vehicles with: rear view camera

### Cleaning the lens on the rear view camera

Dirt, water, snow and ice may collect on the lens of the rear view camera and deteriorate image quality.

To obtain a clear image of the area behind the vehicle, be sure the lens is clean and uncovered.

- Moisten the lens with a common, alcohol-based glass cleaner and clean with a dry cloth
- Remove any accumulated snow with a brush
- To eliminate ice, use an ice remover spray



#### WARNING!

**The camera must not be obstructed by stickers, snow or dirt, as these may prevent it from functioning properly. Always keep these areas clean. An accident may occur!**



#### Important!

- Never use water to remove snow or ice from the lens on the rear view camera. The lens could crack.
- Never use an abrasive product to clean the lens.

### Damage to the paint

*Minor damage to the paint should be repaired right away.*



**Fig. 151 Paint identification sticker: position and close-up.**

Minor damage to the paint, such as scratches or chipping caused by stones, should be painted over immediately before rust begins to form. The paint code for your vehicle is shown on the sticker on the inside of the luggage compartment lid (Fig. 151).

Any rust deposits must be removed completely at an Authorized Lamborghini Dealer.

## Windows

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*Good visibility helps increase driving safety.*

Do not treat the windshield with insect remover or wax. The windshield wipers will not slide over the glass properly.

Traces of rubber, oil, grease or silicone can be removed with windshield washer fluid or silicone remover. Wax residues should only be removed with a special cleaner. For additional information, contact an Authorized Lamborghini Dealer.

The windows should also be cleaned on the inside. Use a clean cloth, microfiber cloth or chamois to dry the windows.

Do not use a cloth that has been used for applying protective coatings or abrasive paste to the paint, since the cloth contains residues that may damage the glass.



### WARNING!

- **Never treat the windshield with water-repellent coatings. In conditions of poor visibility (such as dampness, sunrise/sunset or night driving) these coatings may cause dangerous glare. An accident may occur! Such coatings can also cause the wiper blades to shake and vibrate rapidly.**
- **The side windows, rear window and/or engine hood made of polycarbonate must never be cleaned with scrapers, abrasive objects or insect remover solution since they could permanently damage the surface.**
- **Never use warm or hot water to remove snow and ice from windows and mirrors: the glass could break! An accident may occur!**



### Important!

To remove snow and ice from glass windows and outside mirrors, use a plastic scraper designed for this purpose. To avoid scratching the surface, the scraper should be applied in only one direction and not moved backwards and forwards.

## Weatherstripping

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*Weatherstripping made of rubber should also be treated with special products to maintain its sealing ability. Proper care protects the rubber weatherstripping on doors and windows.*

- Regularly apply a suitable product to rubber weatherstripping

The rubber weatherstripping on doors and windows will remain pliable and effective longer if it is treated with a suitable product (such as silicone spray). Proper treatment of these parts will inhibit wear while improving sealing and sound insulating performance. The doors will also be easier to open. Weatherstripping treated in this way will no longer ice up in winter.

## Locks

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The locks on the vehicle may freeze up in winter. To deice lock cylinders, it is recommended that you use a special spray that lubricates and prevents corrosion.



## Air intakes

The vehicle's air intakes must be kept clean by removing leaves and other material that may accumulate inside of them, impairing their normal operation.



### WARNING!

**Wait until the vehicle has cooled down completely before cleaning the air intakes. You could be burned.**

## Light alloy wheels

*Light alloy wheels require special care.*

- Remove salt and brake dust from light alloy wheels at least every two weeks.
- Next, wash the rims with a non-corrosive detergent that is suitable for light alloys, such as the special product contained in the CAR CARE KIT LAMBORGHINI.

To ensure that light alloy wheels remain attractive and decorative over time, regular care is required. If not removed regularly, salt and brake dust may attack the metal and corrode it.

It is recommended that you use a special non-corrosive detergent for light alloy wheels (such as the type contained in the CAR CARE KIT LAMBORGHINI). Never leave the detergent on the surface longer than specified on the package. A corrosive detergent may attack the surface.

Vehicle polish and other abrasive products should not be used for cleaning light alloy wheels. If the protective coating on the rims is damaged (for example, by stones), it should be repaired immediately by an Authorized Lamborghini Dealer.



### WARNING!

**When washing the vehicle in winter: remember that moisture, ice and salt may have a negative effect on brake performance. An accident may occur! Check the brakes carefully after the vehicle is washed.**

**Wet brakes or brakes coated with ice or road salt react more slowly and require longer stopping distances.**

- **Carefully apply the brakes to test them.**
- **Always dry the brakes and clean off residual ice and salt by applying the brakes carefully several times.**

Applies to vehicles with magnesium rims

As the result of an accident or accidental collision, the magnesium rims could be damaged, causing rust to appear. Check the condition of the rims periodically to make sure they are undamaged. In the event of a particularly hard impact or if you discover any rust, contact an Authorized Lamborghini Dealer to have the damage assessed.



### Important!

- Detergents for wheel rims may discolor the anodized surfaces on single nuts. Use such detergents with moderation and be sure to follow the instructions.
- Only use detergents for wheel rims authorized by Lamborghini or with identical properties and composition.
- Apply the brakes to "dry the brakes" only when traffic conditions permit. Other road users must not be endangered. An accident may occur!

## Tailpipes

The material used in tailpipes may be corroded if road salt and other aggressive substances are not removed regularly.

It is recommended that you rinse the tailpipes with a large amount of water.

To remove harmful substances, do not use detergents designed for wheels, polish intended for paint or chrome, or other abrasive products.

Contact an Authorized Lamborghini Dealer for more information on cleaning your vehicle.



### WARNING!

**Clean the tailpipes only when the engine is off and when you are sure that the tailpipes have cooled down completely. Burn hazard!**



### WARNING!

**The temperatures near the exhaust system are high both when driving and right after shutting off the engine.**

- **Never touch the overheated exhaust pipes. You may be seriously burned!**
- **Due to the high temperatures near the exhaust system, do not park the vehicle on easily flammable ground (e.g. meadows or at the edges of woodland). Fire hazard!**
- **Underbody protection products cannot be applied in the exhaust system area. Fire hazard!**

## Cleaning the interior

### Parts made of plastic, carbon fiber and aluminum

- Use a damp cloth to clean parts made of plastic, carbon fiber and aluminum, and the rigid trim on the instrument panel.

If dirt persists, use special detergents that are neutral and solvent-free. Be sure not to use abrasive sponges.



### Important!

Do not use pointed objects, which could damage interior trim.



### WARNING!

**Using solvents on the surfaces around the airbags may change the way they inflate in an accident.**

- **Never use solvent-based cleaning products on the instrument panel or on the surfaces around the airbag modules.**
- **Products containing solvents will change the properties of plastic parts, which may break and be flung through the passenger compartment if the airbag deploys in an accident, thus causing serious injury or even death!**

## Carpets

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It is a good idea to clean the carpets regularly with a vacuum cleaner to remove surface dust before it penetrates. The use of steam cleaners is not recommended, as they tend to fix dust particles in the carpet.

### Normal cleaning

Use a soft sponge or a microfiber cloth. Special brushes may be used to clean the carpet of the floor mats, but only when absolutely necessary.

Use foaming detergents normally available on the market and apply with a soft sponge over the entire surface of the fabric. Be sure not to wet the fabric too much. Then, clean off the detergent foam with a dry, absorbent cloth (such as a microfiber cloth) and vacuum completely as soon as the fabric is dry.

### How to treat stains

Using a sponge, apply a detergent for delicate fabrics on stains from coffee, fruit juice, etc. Treat stubborn stains with a paste-type detergent, which should be applied directly on the stain. Remove completely with a wet sponge and dry with an absorbent cloth.

Stains from chocolate or makeup should be treated with a paste-type soap and removed with a wet sponge.

Oil, grease, lipstick and ink should be treated with alcohol. Remove oily or colored areas with an absorbent cloth and, if necessary, retreat the stain with paste-type detergent and water.

It is recommend that you have the carpet cleaned by a specialized firm that has the equipment and materials that are required for deep cleaning.

## Natural leather

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*We suggest you do everything possible to maintain the unique properties of the natural leather in your vehicle by using special products such as those contained in the CAR CARE KIT LAMBORGHINI.*

### Overview

Lamborghini offers customers a wide range of leathers to choose from. The principal type of leather we use is nappa, a leather that has a smooth surface and is available in a host of shades and grains.

The strength of the color affects the appearance and quality of the leather. The surface of untreated nappa has the typical properties of a natural product and offers a high degree of comfort. Capillaries, scars, insect bites, wrinkles and subtle variations in color can still be seen. This provides additional assurance of the quality and natural origin of the product.

Untreated nappa leather has a very thin layer of color, but it is more delicate. As a result, you should be extra careful when carrying animals, cigarettes, beverages, food and anything else that could damage the upholstery.

Treated leather has one or more layers of dye, whose covering power may vary. It is therefore less delicate and more resistant to wear. However, the typical characteristics of treated natural leather hard to see or are almost invisible.

### Cleaning and care

Because of its excellent quality and unique characteristics (such as a special sensitivity to oil, grease and dirt), leather requires special care and attention. Low quality fabrics, especially if they are damp, may leave marks on leather seats. Dust and dirt deposits in the pores, wrinkles and seams may scratch the surface.

We therefore recommend that the leather be cleaned regularly or frequently, or in any case as often as required to meet the demands placed on the leather.

After a time, an unmistakable patina will form on the seats. This too is a sign of the genuine nature and quality of the leather.

To maintain the value of this natural material over time, it is recommended that you follow these suggestions.



#### **Important!**

- To prevent leather upholstery from fading and thus showing unsightly irregular color, be sure not to leave the vehicle in direct sunlight for long periods of time.
- Pointed objects on clothing (such as zippers, metal buttons, buckles, etc.) can leave unattractive scratches on the surface of the seats.



#### **Note**

- After cleaning, treat the leather with a conditioning cream that protects the material from sunlight and is suitable for natural leather. This cream will nourish the leather, promote "breathing", make it softer and protect it from harmful chemicals.
- It is recommended that you remove stains immediately and treat the leather at least once a year.
- Stains caused by ink, lipstick, shoe cream etc. should also be removed as soon as possible.

## **Caring for and cleaning leather upholstery**

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*Natural leather requires special care and attention.*

- Clean leather surfaces with a slightly damp cotton or wool cloth.
- Next, wipe the treated surface with a dry cloth.

#### **Protective treatment of leather**

- It is recommended that you treat leather interiors every six months with a special protective product.
- Apply the protective product in small quantities.
- Always use soft cloths.

For further information and suggestions on cleaning the leather upholstery in your vehicle, contact an Authorized Lamborghini Dealer.



#### **Important!**

Leather must never be treated with solvents (such as gasoline, turpentine, floor wax, shoe cream or similar products).

Applies to vehicles with: Alcantara® upholstery

## Cleaning Alcantara® upholstery

### Dust and dirt

- Moisten a cloth and wipe down the upholstery

### Stains

- Moisten a cloth with warm water or dilute alcohol solution
- Work from the edges toward the center to remove the stain
- Dry the affected area with a clean cloth

Products for leather are not suitable for cleaning Alcantara® upholstery.

Shampoo may be used to remove dust and dirt.

Dust and dirt in the wrinkles and seams may scratch the surface. To prevent fading, Alcantara® upholstery should not be left in direct sunlight.

Slight changes in color are normal and are caused by wear.



### Important!

- The following products are not suitable for treating Alcantara®: solvents, floor wax, shoe polish, stain removers, products for upholstery made of leather and similar materials.
- To prevent damage, particularly stubborn stains should be removed by qualified personnel.
- Never use overly rough brushes or sponges, or similar implements.

## Seat belts

*The safety belts must be kept in perfect condition to work effectively.*

- Always keep the safety belts clean.
- Wash the safety belts with a soap solution.
- Regularly check the condition of the safety belts.

Dirt deposits on the safety belts may interfere with the operation of the automatic retractor.



### WARNING!

**Dirty or damaged safety belts do not provide effective protection and increase the risk of serious injury or death!**

- **Dirty safety belts and safety belt buckles must be cleaned immediately.**
- **Damaged safety belts and safety belt buckles must be replaced: they cannot be repaired.**
- **Never use detergents, solvents or other substances that may damage or weaken the webbing or other parts of the safety belt. Never let the safety belts come into contact with corrosive fluids. To maintain the ability of the safety belt buckle to latch onto the tongue on the safety belt, never let the buckle contact any type of liquid, including thick and sugary liquids.**
- **Damaged safety belts and safety belt buckles must be replaced immediately with suitable replacements by an Authorized Lamborghini Dealer. Replacement after an accident may be necessary even if a safety belt does not have visible damage.**
- **Check the condition of all safety belts regularly. If you notice damage to the webbing, hardware, retractor, buckle or anchor stalk of any safety belt, the belt must be replaced immediately by an Authorized Lamborghini Dealer.**



#### **WARNING! (continued)**

- **Safety belts must be installed correctly to provide maximum protection. Never try to repair a damaged safety belt yourself. Never remove or modify the safety belts in any way.**



#### **Important!**

- Safety belts need not be removed from the vehicle in order to clean them.
- Do not use detergents on the safety belts. They may damage the webbing. Never let the belts come into contact with corrosive liquids.
- See an Authorized Lamborghini Dealer to replace belts with damage to the webbing, retractor, anchors, tongue, buckle or anchor stalk.

### **Cleaning displays and keypads**

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To clean the displays, use a soft cloth and a specific product for LCD screens, which is available at specialized stores. The cloth used to clean the displays should be slightly moistened with liquid detergent. The keypads must first be dusted off with a brush to eliminate dirt from between the keys. Next, clean the keypad with a cloth moistened with a solution of dish washing liquid and water.



#### **Important!**

To avoid scratches, do not use dry cleaning methods to clean the displays. However, be sure not to wet the inside of the keypads, which could be damaged.

## **Fuel**

### **Type of gasoline**

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*Since your Lamborghini is equipped with a catalytic converter, use unleaded gasoline only. Lamborghini recommends using unleaded gasoline with an octane number higher than 92 AKI (Premium Unleaded Fuel) or with a higher AKI grade. Using the correct type of gasoline helps and prevents engine damage.*

In general, there are two major types of gasoline: leaded and unleaded. Since all Lamborghini vehicles are equipped with a catalytic converter, use unleaded gasoline only.

Different types of gasoline have different octane numbers (AKI). Lamborghini recommends using unleaded gasoline with a RON of between with an octane rating higher than 92 AKI (Premium Unleaded Fuel) or with a higher AKI grade, except in an emergency. In any event, never use regular grade fuel lower than 87 AKI.

If the type of gasoline specified for your vehicle is unavailable, under special circumstances you can fill up with 91 ((AKI) fuel. In this case, however, you must operate the engine at low to moderate RPM and avoid stressing it excessively. Fill up with the specified type of gasoline as soon as possible.



#### **Important!**

- Before traveling to foreign countries, make sure unleaded gasoline is available in the areas where you will be driving.
- 
- Gasoline complying with European Standard EN 228 may contain a very small amount of ethanol. However, never use fuels with

“bioethanol”, which are sold as E50, E85 etc. The high quantity of ethanol in these fuels would damage the fuel system on your vehicle.

- You can use gasoline containing a maximum of 10% alcohol (E10).
- Remember that refueling with leaded fuel only once may prevent the catalytic converter from functioning properly.
- High engine speeds and excessive demands placed on the engine may damage it when gasoline with an overly low octane rating is used.



#### **WARNING!**

**If the tank runs completely dry, contact an Authorized Lamborghini Dealer to have the vehicle transported to the nearest gas station.**



#### **Important!**

If the fuel tank is emptied completely, it must be filled with at least 7.92 gal at the first refueling after it is emptied. Refueling with a smaller quantity may (until the next refueling with the minimum quantity mentioned above) interfere with proper engine operation during driving and prevent the engine from offering its usual performance. If you must refuel with a smaller quantity in an emergency, the engine can operate safely on only 6 cylinders.



#### **WARNING!**

**Using fuels not mentioned in this chapter may seriously damage the vehicle, affecting its maneuverability and performance. An accident may occur! Follow the instructions and warnings in this section meticulously.  
Gasoline containing alcohol**



#### **WARNING! (continued)**

- **Gasoline containing alcohol is available at gas stations in some areas. The gas pump may not indicate that the gasoline contains alcohol. If this information is provided, the amount and type(s) of alcohol contained in the gasoline may not be specified. We recommend you do not use gasoline with an unknown alcohol content, and never use gasoline containing more than 10% alcohol (E10).**

#### **Gasoline containing methanol**

- **Do not use gasoline containing methanol (methyl alcohol). The use of gasoline containing this type of alcohol may reduce vehicle driveability and performance, and may even damage the fuel and emission control systems on your vehicle.**

#### **Gasoline containing ethanol**

- **A mixture of unleaded gasoline and ethanol (also known as ethyl alcohol or grain alcohol) is sold in some areas. This mixture is sometimes called Gasohol. If you decide to use this mixture of unleaded gasoline and ethanol in your Lamborghini, make sure it contains no more than 10% ethanol and that it meets the octane requirements of your vehicle. However, it is advisable to return to using only gasoline without ethanol if any of the following problems occur:**
  - **Diminished driveability and performance.**
  - **A substantial reduction in fuel range.**
  - **Vapor lock (formation of a vapor plug that prevents fuel from flowing normally) and difficult starting, particularly at high altitudes and temperatures**
    - **Abnormal engine operation or sudden stalling.**
- **Continued use of mixtures of unleaded gasoline and ethanol when these problems occur may seriously damage the emission control and fuel systems.**

## Refueling

### How to refuel

---

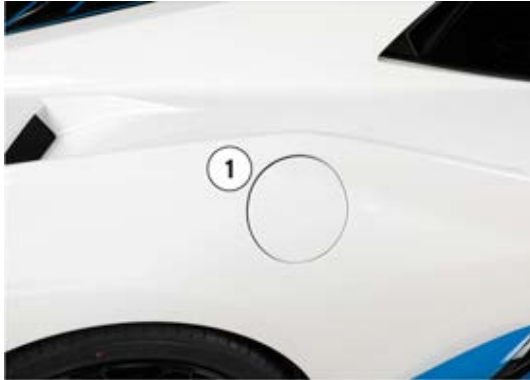


Fig. 152 Fuel door.

The fuel tank door is locked and unlocked automatically when the central locking system on the vehicle is operated.

### How to refuel

- Open the fuel door by pressing on its rear edge (1 - Fig. 152)

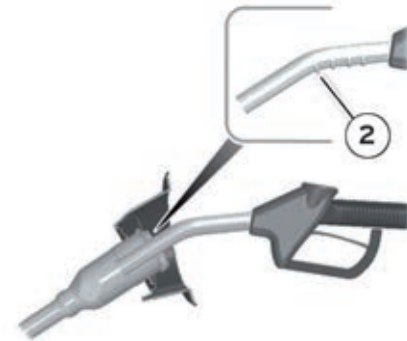


Fig. 153 Inserting the fuel filler nozzle.

- Insert the fuel pump nozzle down to the first notch on the fuel filler (2 - Fig. 153)



Fig. 154 Fuel filler nozzle trigger.



- Begin refueling by pressing the trigger while holding the nozzle in the area shown (3 - Fig. 154)
- When refueling is complete, remove the fuel pump nozzle from the filler neck slowly to allow the residual fuel in the nozzle to flow into the fuel tank.
- Close the fuel door by pressing on it until you hear it lock with a “click”.



**Note**

The fuel filler cap is built into the fuel door.

**WARNING!**  
**If the fuel door is not closed correctly, fuel could spill out: Fire hazard!**

**WARNING!**  
**Keep the fuel pump nozzle fully inserted at all times while refueling.**

When the fuel pump nozzle is positioned and used correctly, it automatically shuts off when the fuel tank is full. Do not try to put in more fuel when the nozzle has cut out, as this will fill the expansion chamber in the fuel tank. The correct grade of fuel for your vehicle is shown on a sticker on the inside of the fuel door. For further information on fuel (see p. 296). The capacity of the fuel tank is listed in the “Technical Data” section (see p. 393).

**WARNING!**  
**When refuelling the vehicle, observe the following precautions. Failure to do so may result in death or serious injury!**

**WARNING! (continued)**

- **For maximum safety, the engine must be off when refueling.**
- **After exiting the vehicle and before opening the fuel door, touch an unpainted metal surface to discharge any static electricity. It is important to discharge static electricity before refueling because sparks resulting from static electricity can cause fuel vapors to ignite while refueling. Do not inhale vaporized fuel. Fuel contains substances that are harmful if inhaled.**
- **Fuel spilled on hot vehicle surfaces could cause a fire.**
- **For your safety, shut off the heating system in the vehicle before refueling.**
- **Do not lift the fuel pump nozzle while refueling. This could change the flow of the fuel being delivered and stop the pump nozzle before the tank is full.**
- **Keep cigarettes, heat sources and open flames away from fuel and fuel system (for example, when refueling or when filling up a fuel container): an explosion may occur!**
- **Fuel is highly flammable and can cause severe burns, other serious injuries or death!**
- **Failure to completely insert the fuel pump nozzle into the filler neck on the vehicle may cause the fuel to overflow and spray out. Fuel that overflows and fuel that sprays out is dangerous. It can cause fires, serious injury or death!**
- **Never use cell phones, CB radios or other radio equipment while refueling. The electromagnetic radiation may cause sparks that can ignite fuel vapors and cause fires.**
- **Do not get back into your vehicle while refueling. If circumstances force you to enter your vehicle while refueling, make sure the doors are closed and touch a metal component to discharge static electricity before handling the filler nozzle again. Static electricity can cause sparks that may ignite fuel vapors released during refueling.**

**WARNING! (continued)**

- Do not top off the fuel tank.
- Stop filling the tank after the fuel nozzle automatically clicks off.
- Be sure that the fuel filler door, with built-in cap, is tightly closed.
- Fuel containers:
  - For your safety, never carry gas cans or other spare fuel containers in the vehicle. Whether it is full or empty, the container may leak or break, especially if an accident occurs. Fuel could leak or spill out and cause a fire!
  - Avoid spilling fuel inside the vehicle or in the luggage compartment. Fumes released by fuel are highly flammable and explosive: a fatal accident may occur!
  - Always observe local, state/provincial laws regarding the use, storage and transport of fuel containers.
  - Make certain the fuel container meets industry standards (ANSI / ASTM F852-86).

**Important!**

Do not allow residual fuel in the pump nozzle to drip onto the vehicle body. Immediately remove any fuel spilled on the vehicle to avoid damaging the paint.

Never let the tank run completely dry. The engine may misfire if fuel flow is irregular. This may cause raw fuel to enter the exhaust system and damage the catalytic converter!

**WARNING!**

**To prevent damage to the fuel system and its seal, and to avoid injuring yourself and others:**

**WARNING! (continued)**

- Never insert the filler nozzles on portable containers, funnels or other after-market containers into the filler neck on the vehicle.
- Do not use foreign objects to force or press on the fuel neck in order to open the fuel filler system.

If the tank runs completely dry, contact an Authorized Lamborghini Dealer to have the vehicle transported to the nearest gas station.

**Protecting the environment**

Do not overfill the fuel tank. When the fuel heats up, it could expand and overflow from the tank.

## Opening the fuel door manually in case of emergency

The fuel door can be opened manually if the central locking system fails to operate.



Fig. 155 Opening the fuel door manually in case of emergency.

- Open the engine hood.
- Pull the ring (1 - Fig. 155) located on the right side of the engine compartment and simultaneously push on the fuel door as though you were opening it normally (see p. 298).



### WARNING!

**Wait for the engine to cool down completely before opening the hood. You may be seriously burned!**



### Important!

Open the engine hood when the soft-top is completely opened or completely closed to prevent damage to the body.

## Checking and adding fluids

### Engine hood

#### Releasing and removing the engine hood

The engine hood is released from outside the vehicle and detaches completely from the body.



Fig. 156 Key for hood and rear hatch.

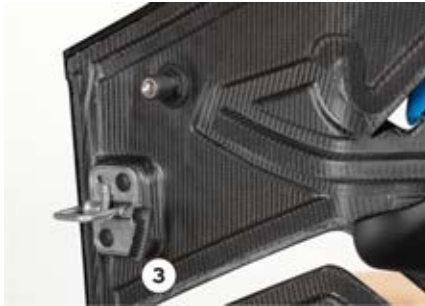


Fig. 157 Engine hood safety latch.



#### Important!

- Removal of the engine hood must be performed by at least two people.
- Once the engine hood has been removed, set it aside with care to avoid damage.

#### Removing the engine hood

- Take the hood key from the compartment beneath the instrument panel on the driver's side (1 - Fig. 156)
- Insert the key for releasing the retainer hooks into the lock, turn it to the open position (2 - Fig. 156) and press to release the hooks
- Press the lever on the safety latch (3 - Fig. 157) located on the right side of the hood by inserting your hand into the slit situated behind the latch
- Raise the hood slightly to disengage the pin on the left side and slide the hood forwards to remove it
- Once the hood has been released, place the keys back in their special compartment to prevent them from being lost



#### WARNING!

On the lower front part of the hood there is a deflector; if it is damaged, overheating problems could occur inside the engine compartment. Contact an Authorized Lamborghini Dealer.



#### WARNING!

- **Stop! Before opening the engine compartment, read and heed the information contained in the WARNING boxes (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**
- **Never open the engine hood if you can see or hear steam or coolant escaping from the engine compartment. Steam and hot coolant can cause serious burns. Wait until you no longer see or hear steam or coolant escaping from the engine compartment.**
- **Shut off the engine and let it cool down completely before working in the engine compartment.**
- **Before opening the engine hood, check (if possible) the temperature of the engine coolant (Fig. 13 - see p. 28) and the engine oil (Fig. 15 - see p. 32).**
- **Open the engine hood with care. Never touch any engine components when the engine is running. Hot components cause burns.**

## Working on components in the engine compartment

*Extra caution is necessary when working in the engine compartment (see p. 305 - Overview of the engine compartment) because it is a dangerous part of the vehicle! That is why it is absolutely essential that you heed the warnings provided in this section, in addition to taking the normal safety precautions which generally apply. Have all maintenance procedures performed by an Authorized Lamborghini Dealer.*



### WARNING!

When working in the engine compartment, be especially careful about the danger of injuries and burns, as well as the risk of accidents or fire (for example, when checking and adding fluids). The engine compartment is a potentially dangerous area.

Never work in the engine compartment unless you know exactly what you are doing. Also, be sure you have the correct technical information and suitable equipment (such as gloves, goggles, etc.). Have all maintenance procedures performed by an Authorized Lamborghini Dealer. Serious injury or death may result from work done improperly!

- Always use extreme caution when working in the engine compartment. Always follow commonly accepted safety practices and use common sense. Never take risks that may lead to injuries.
  - Move the vehicle to a safe area before opening the engine hood.
  - Activate the electromechanical parking brake and select the parking mode (P).
  - Open the engine hood (see p. 301).
  - Switch the instrument cluster off.



### WARNING! (continued)

- Always let the engine cool down completely before opening the hood, and then open it carefully. Hot engine components will burn the skin on contact.
- Never open the engine hood if you see steam or coolant escaping from the engine compartment. Steam and hot coolant can cause serious burns. Wait until you no longer see or hear steam or coolant escaping from the engine compartment.
- Keep children and others away from the vehicle.
- When the vehicle is stopped with the engine running, and the instrument cluster shows that the transmission is in gear, do not let yourself be distracted in any way. If you press down on the accelerator accidentally (for example, while pulling the lever that opens the engine compartment), the vehicle could move: this is dangerous!
- Never spill fluids used for vehicle maintenance or cleaning onto engine parts or the exhaust system when they are hot. The chemicals in these fluids (such as the antifreeze contained in the coolant) may ignite and cause a fire!
- Never reach into the area around the radiator or the radiator fan. Contact with the blades can cause serious or fatal injury. Always keep in mind that the fan is temperature-controlled and can start without warning, even when the engine is switched off momentarily and the key has been removed from the ignition lock.
- Never unscrew the cap on the radiator expansion tank when the engine is hot. A hot engine will heat the coolant and put it under pressure. The cooling system is under pressure! You may get seriously injured and/or burned.
- Always protect your face, hands and arms from escaping coolant or steam by covering the cap on the expansion tank with a large, thick rag.



#### WARNING! (continued)

- Slowly and carefully turn the cap on the coolant expansion tank counterclockwise while applying light downward pressure on the top of the cap.
- Never work on the vehicle unless you have safely secured it from moving. Make sure the vehicle is on level ground and the wheels are effectively blocked.
- Never work under the vehicle unless it is supported with safety stands.
- If you have to perform a check or repair when the engine is running, there are additional risks from rotating parts such as the poli-V drive belts, and from the high-voltage ignition system. Always work with extreme care:
  - Never touch the electrical connections in the ignition system.
  - Before starting any work remove jewelry, tie back and cover hair, and do not wear clothing that can hang down and get caught in moving engine parts.
  - Always use extreme caution if the accelerator pedal has to be depressed to perform a check. The vehicle could move suddenly, even if the electromechanical parking brake is applied.
- If you are working on the fuel system or the electrical system:
  - Always disconnect the battery.
  - Do not smoke.
  - Never work near radiators, water heaters or open flames.
  - Always keep a properly operating, appropriate fire extinguisher close at hand.
- To reduce the risk of electrical shock and injury while the engine is running or being started:
  - Do not touch the ignition or starter wires.



#### WARNING! (continued)

- Never touch other components of the high voltage electronic ignition system.
- Be careful not to cause short circuits in the electrical system, especially on the battery, by connecting points that usually have different voltages (such as positive and negative poles on the battery).



#### WARNING!

##### California Proposition 65 Warning:

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



#### Important!

Before topping up a fluid, make sure you have chosen the correct type (see p. 393) and the correct fluid is put into the correct filler opening; otherwise, serious malfunctions or engine damage may result!



#### Protecting the environment

It is recommended that you inspect the underbody of your vehicle regularly so that any leaks are detected early. If you discover stains caused by oil or other fluids, have your vehicle inspected at an Authorized Lamborghini Dealer.

## Installing the engine hood



### Important!

Installation of the engine hood must be performed by at least two people.

- Check that the locks on the retainer hooks are in the open position (2 - Fig. 156 - see p. 301)
- Mount the engine hood on the body and lower it, sliding it rearwards, so that the pin is inserted in its seat on the left side, then lower the hood until it is resting on the body, engaging the safety latch (3 - Fig. 157 - see p. 301)
- Make sure that the inner part of the lock on the retainer hooks has engaged and that it is flush with the outer part
- Insert the key for securing the retainer hooks into the lock and turn it to the closed position
- Once the luggage compartment lid has been locked, replace the keys in their special compartment (1 - Fig. 156 - see p. 301) to prevent it from being lost



### WARNING!

**For safety reasons, each time after the engine hood has been removed and installed, before driving off, check that the hood is flush with the surrounding body areas and that it has been properly closed with the key and not only with the safety latch. If the engine compartment hood has not been properly closed, it could come unlatched while driving. An accident may occur! This may result in injury or death!**

- **If you notice that the engine compartment hood is not properly closed while you are driving, stop as soon as it is safe to do so and close it, following the above instructions.**
- **If you are unable to close the engine hood properly, do not begin to drive. Contact an Authorized Lamborghini Dealer.**



### WARNING! (continued)

- **Never let anything get in the way of the engine hood as it closes.**
- **The vehicle will not provide any sort of alert if the engine hood is installed incorrectly or is not installed at all.**

## Overview of the engine compartment

*Important points to be checked.*



Fig. 158 Engine compartment.

1.	Engine oil filler cap with dipstick, and oil filler .....	306
2.	Coolant tank.....	309
3.	Oil filter	

## Engine oil

### Overview

We recommend you contact an Authorized Lamborghini Dealer to have the oil changed according to the maintenance schedule. If you need to add oil, the specifications of the correct oil for the vehicle's engine can be found in the "Technical Data" section (see p. 393).

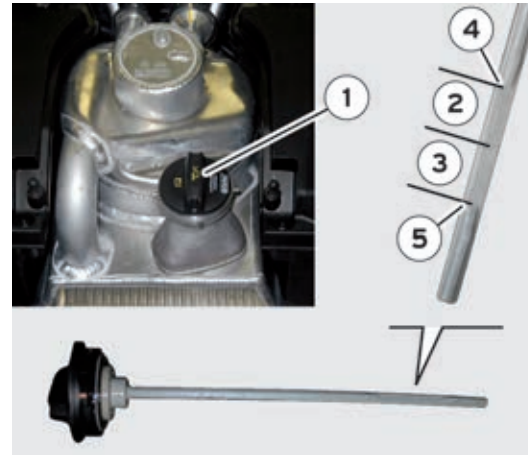
The required specifications must appear on the package individually or together with other specifications.

### Fixed maintenance intervals

The vehicle must be serviced once a year or every 9,320 miles, whichever comes first (see the Warranty and Scheduled Maintenance Plan Booklet).

## Checking the engine oil level

*The dipstick shows the engine oil level.*



**Fig. 159** Checking the engine oil level.



### Important!

When you check the oil, the dipstick must be inserted completely, and the bayonet catch must be locked (with an audible click!). Otherwise, you'll get a false reading!

Do not operate the vehicle if the engine oil level is above maximum (4 - Fig. 159) or below minimum (5 - Fig. 159).

### How to access the engine oil tank


- Follow the warnings for work on the engine compartment (see p. 303)
- Open the engine hood (see p. 301)



## How to check the engine oil level

- Warm up the engine until the oil temperature shown on the gauge is between 212 °F 100 °C and 230 °F 110 °C (1 - Fig. 15 - see p. 32)
- Make sure the vehicle is on level ground
- Let the hot engine idle for about two minutes
- Shut off the engine and wait two minutes
- Check the oil level on the dipstick (1 - Fig. 159)
- If the level of oil in the engine is in the Do not fill range (2 - Fig. 159) do not add oil
- If the level of oil in the engine is in the Fill range (3 - Fig. 159) add oil until the level is at the center of the Do not fill range (2 - Fig. 159)

## Correct engine oil level

If the  warning light appears even though the engine oil level is correct, contact an Authorized Lamborghini Dealer. Do not continue driving. Do not continue to run the engine, not even at idle speed.




### WARNING!

**Stop! Before opening the engine compartment, read and heed the information contained in the WARNING boxes (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**



### Note

- The  warning light signals low engine oil pressure. It does not indicate the oil level. The oil level must be inspected at regular intervals.
- Depending on your driving style and the conditions in which the vehicle is operated, oil consumption may reach 0.13 gal every 620 miles. Oil consumption may be higher during the first 3,110

miles. For this reason, the oil level must be inspected at regular intervals (it is advisable to check it every time you refuel and, in any case, before long trips).

## Adding engine oil

*Add the type of oil specified for the vehicle and in the necessary quantity; that is, without exceeding the maximum level (4 - Fig. 159 - see p. 306) on the dipstick.*



### WARNING!

**Follow the warnings for work on the engine compartment (see p. 303).**

- Unscrew the oil filler cap (1 - Fig. 159)
- Add the specified type of oil (see the section, "Technical Data").
- Check the oil level once again
- Add more oil if necessary
- Screw the oil filler cap back on



### WARNING!

- **When adding oil, be careful it does not drip onto hot engine parts: the oil may catch fire!**
- **Make sure the oil filler cap is closed correctly to avoid oil splashing onto the hot engine and exhaust system when the engine is running: it could catch fire!**
- **If engine oil comes into contact with your skin, wash the affected parts thoroughly once you have finished working.**
- **Store engine oil in its original container in a safe place and out of the reach of children. It is poisonous!**



### Important!

- The oil level must never exceed the maximum level (4 - Fig. 159 - see p. 306) on the dipstick. Both the engine and the catalytic converter may be damaged! If necessary, ask an Authorized Lamborghini Dealer to remove any excess oil. Ask specialized personnel to help remove excess oil by suction.
- No additives should be added to the engine oil. Any damage caused by the use of such products is not covered under the new vehicle limited warranty.



### Protecting the environment

- Do not pour used oil into the sewer system or onto the ground.
- The oil must be collected in a large, suitable container and delivered to an Authorized Lamborghini Dealer or specialized recycling company for disposal.
- Follow the applicable regulations for disposing of empty oil containers.

## Changing the oil

*It is recommended that you see an Authorized Lamborghini Dealer to have the oil changed.*

*They have the qualified personnel, special tools and recommended oil that are needed for changing the oil.*

*Finally, Authorized Lamborghini Dealers also have the proper equipment for disposing of old oil.*

The engine oil must be changed at the intervals specified in the Warranty and Scheduled Maintenance Plan Booklet.



### WARNING!

**Before opening the engine compartment, read and heed the information contained in the WARNINGS (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**



### WARNING!

**If you must change the engine oil in your vehicle yourself:**

- **Always wear goggles.**
- **To prevent burns caused by hot engine oil, let the engine cool down before proceeding.**
- **When removing the oil drain plug with your fingers, stay as far away as possible. Keep your forearm parallel to the ground to keep hot oil from running down your arm.**
- **Drain the oil into a container designed for this purpose. Use a container large enough to hold at least the total amount of oil in the engine.**
- **Engine oil is toxic. Keep it out of the reach of children.**
- **Used engine oil is toxic hazardous waste.**

**WARNING! (continued)**

- To reduce the risk of poisoning, never use empty food or beverage containers that might mislead people into drinking the contents.
- Prolonged contact with used engine oil is harmful to your skin. Always wear protective gloves. In the event of accidental contact with the skin, wash the affected area thoroughly with soap and water.
- The oil filler cap must be tightened properly to keep oil from spraying onto the hot engine and exhaust system when the engine is running.

**Important!**

No additives should be added to the engine oil. Any damage caused by such additives is not covered under the new vehicle limited warranty.

**Protecting the environment**

- Do not pour used oil into the sewer system or onto the ground.
- The oil must be collected in a large, suitable container and delivered to an Authorized Lamborghini Dealer for disposal.
- Follow the applicable regulations for disposing of empty oil containers.

## Cooling system

### Coolant

*The purpose of the coolant is to carry heat away from the engine. Using the correct percentage of antifreeze is important for preventing the cooling system from freezing in winter.*

The cooling system is filled at the factory with a permanent coolant that never needs to be changed. The coolant consists of a mixture of water and antifreeze (see p. 393). This is a glycol-based antifreeze with anti-corrosion additives.

### Antifreeze

The amount of antifreeze required depends on the weather in the country where the vehicle is operated and on the temperatures expected in the winter.

If the concentration of antifreeze is too low, the coolant may freeze and cause a complete failure of the cooling system and the heater. The cooling system is filled at the factory with the correct percentage of antifreeze for the country where the vehicle will be sold. In most cases, the mixture consists of **60% water** and **40% antifreeze**. This mixture not only offers protection from freezing down to -13 °F, it also protects the metal parts in the cooling system against corrosion. Besides, it prevents scale formation and raises the boiling point of the coolant.

### Countries with a warm climate

The concentration of antifreeze in the coolant must not be reduced by adding water, not even in the summer or in countries with a warm climate. The concentration of antifreeze in the coolant must never be **lower than 40%**.

### Countries with a cold climate

If greater protection is required in very cold climates, the percentage of antifreeze in the cooling system can be increased. A concentration of 60% protects down to about -40 °F. This percentage **must not be exceeded**, otherwise reduced protection against freezing would result. In addition, the cooling power of the coolant would be diminished. Vehicles exported to countries with a cold climate (such as Sweden, Norway and Finland) are given antifreeze protection down to -31 °F. The concentration of antifreeze in vehicles operated in these countries should never be lower than 50%.



#### Important!

- We recommend having the cooling system checked before the start of winter to make sure that the system can handle the conditions in which the vehicle will be operated. This is particularly true if the vehicle is operated in areas with a very cold climate. To adapt the vehicle to this type of climate, increase the antifreeze concentration to 50% - 60%.
- Use only the antifreeze specified in the "Technical Data" section of this Owner's Handbook (see p. 393). The corrosion protection offered by other types of antifreeze may be considerably poorer. The resulting corrosion may cause leaks in the cooling system and serious damage to the engine as a result.
- The recommended antifreeze must not be mixed with other types of antifreeze.

### Checking the coolant level

*Check the coolant level only when the engine is cold and the vehicle is on level ground.*

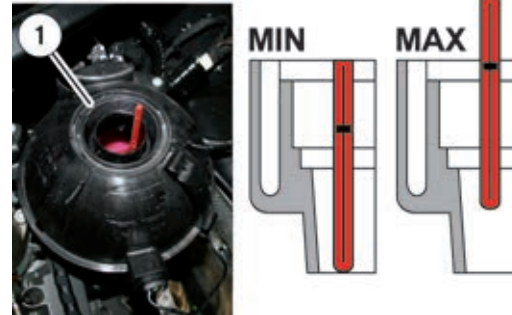


Fig. 160 Engine compartment: access to the coolant reservoir.



#### WARNING!

- **Stop! Before opening the engine compartment always read and heed the information contained in the WARNINGS (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**
- **The cooling system is under pressure! Never loosen the cap on the reservoir when the engine is hot. You could burn yourself!**
- **Coolant and antifreeze are hazardous to health. Store antifreeze in its original container and in a safe place out of the reach of children. It could be poisonous!**

### How to access the coolant reservoir

- Follow the warnings for work on the engine compartment (see p. 303)
- Open the engine hood (see p. 301)

### How to check the coolant level

- Follow the warnings for work on the engine compartment (see p. 303)
- Set the parking brake.
- Select the parking mode (P).
- Shut off the engine and the instrument cluster
- Wait until the engine cools down
- Check the coolant level in the radiator expansion tank (1 - Fig. 160). When the engine is cold, the coolant level must be between MIN/MAX, as shown in the figure. When the engine is warm, the level may even be slightly above MAX



#### WARNING!

##### Steam and hot coolant can cause serious burns.

- **Never open the engine hood if you can see or hear steam or coolant escaping from the engine compartment. You may be seriously burned! Wait until you no longer see or hear steam or coolant escaping from the engine compartment. Wear protective implements (such as gloves, goggles, etc.).**
- **Always let the engine cool down completely before opening the hood, and then open it carefully. Hot engine components will burn the skin on contact.**
- **Never reach into the area around or touch the radiator fan. Contact with the blades can cause serious personal injury. Always keep in mind that the fan is temperature-controlled and can start without warning, even when the engine is switched off momentarily.**



#### WARNING! (continued)

- **Never unscrew the cap on the radiator expansion tank when the engine is hot. A hot engine will heat the coolant and put it under pressure. Removing a cap that is under pressure can cause serious injury and/or burns.**
- **Always protect your face, hands and arms from escaping coolant or steam by covering the cap on the expansion tank with a large, thick rag.**
- **Slowly and carefully turn the cap on the coolant expansion tank counterclockwise while applying light downward pressure on the top of the cap.**
- **Never spill anti-freeze or coolant on the exhaust system or hot engine parts. Under certain conditions, the ethylene glycol in engine coolant can catch fire.**

### Loss of coolant

A loss of coolant shows that a leak has occurred in the cooling system. Have the system inspected at an Authorized Lamborghini Dealer right away. **Simply adding coolant to the reservoir is not enough.** If there are no leaks in the cooling system, a loss of coolant can only occur if the coolant boils over due to overheating and resulting excess pressure in the system.


## Adding coolant

*Be especially careful when adding coolant.*



### WARNING!

**Stop! Before opening the engine compartment always read and heed the information contained in the WARNINGS (Working on components in the engine compartment - see p. 303). The engine compartment of any motor vehicle is a potentially dangerous area where serious injuries can occur.**

- Shut off the engine.
- Let the engine cool down.
- Cover the cap on the expansion tank of the cooling system with a rag (1 - Fig. 160 - 310) and unscrew the cap counterclockwise with caution (=> .
- Add the prescribed type of coolant until the level reaches MAX.
- Screw the cap on again tightly.

The coolant you add must have certain properties (Coolant - see p. 309).

If the correct coolant is unavailable, in an emergency you can add water, but then be sure to see a an Authorized Lamborghini Dealer.

Add only new coolant of the same type.

Add coolant until the level reaches 1.96 in. - 2.36 in. from the base of the cap. As the temperature rises, excess coolant will escape from the cooling system through the pressure relief valve on the reservoir cap. Fill the cooling system only when the engine is cold. This will avoid damage to the engine.



### WARNING!

**The cooling system is under pressure! Never loosen the cap on the reservoir when the engine is hot. You may be burned! Steam and hot coolant can cause serious burns.**

- Always let the engine cool down completely before opening the hood, and then open it carefully. Hot engine components will burn the skin on contact.
- Always protect your face, hands and arms from escaping coolant or steam by covering the cap on the expansion tank with a large, thick rag.
- Turn the cap slowly and very carefully in a counterclockwise direction while applying light, downward pressure on the top of the cap.
- Never spill anti-freeze or coolant on the exhaust system or hot engine parts. Under certain conditions, the ethylene glycol in engine coolant can catch fire.
- Coolant and antifreeze are hazardous to health. Therefore, store antifreeze in its original container and out of the reach of children. It is poisonous!

**When draining the cooling system, collect the coolant in a special container labeled "Poison".**



### WARNING!

**The coolant is poisonous!**

- Always keep the coolant in its original container, in a safe place and out of the reach of children. It is poisonous!
- To reduce the risk of poisoning, never use empty food or beverage containers that might mislead people into drinking the contents.



### Protecting the environment

- If the cooling system must be drained, do not reuse the coolant, but collect it in a large, suitable container and take it to an Authorized Lamborghini Dealer so it can be disposed of in accordance with applicable regulations.
- Follow the applicable regulations for disposing of empty containers.

## Luggage compartment lid

### Releasing and opening the luggage compartment lid

*The luggage compartment lid is released from outside the vehicle.*



Fig. 161 Releasing the luggage compartment lid.



### Important!

- When the luggage compartment lid is opened, the towing hook (see p. 375) must be removed; otherwise, the luggage compartment lid will be irreparably damaged.
- The luggage compartment lid must be kept as straight as possible while opening; to lift it, grasp it by the air intakes located in the center section to avoid warping.
- Before closing the hood of the luggage compartment, check that the area under the hood is clear of battery charge cables or other objects. Risk of damage to components inside the front compartment and the hood itself.

### Opening the engine hood

- Take the hood key from the compartment beneath the instrument panel on the driver's side (1 - Fig. 156 - see p. 301)
- Insert the key for releasing the retainer hooks into the lock, turn it to the open position (1 - Fig. 161) and press to release the hooks
- Lift the hood and secure it in the open position using the hood strut (2 - Fig. 161)
- Once the hood is released, replace the keys in their dedicated compartment to prevent their being lost



#### **WARNING!**

**Always prop the hood open using the hood strut; the hood will remain open even without the strut, but it may close suddenly in case of an accidental impact or strong gust of wind, causing injury. Crushing hazard.**



#### **Note**

There may be a removable helmet carrier case inside the luggage compartment. When it is removed, it must be handled with care and stored in a dry place.

- The carrier case must be removed in order access the tool kit and the battery terminal access door. Once you have finished working underneath the carrier case, put it back in its place in the luggage compartment.
- You can increase luggage compartment capacity by removing the carrier case.

### Closing and locking the luggage compartment lid

- Check that the locks on the retainer hooks are in the open position (1 - Fig. 161 - see p. 313)
- Unhook the strut propping the lid open (2 - Fig. 161 - see p. 313) and replace it in its seat
- Lower the lid until it is resting on the body
- Make sure that the inner part of the lock on the retainer hooks has engaged and that it is flush with the outer part
- Insert the key for securing the retainer hooks into the lock and turn it to the closed position
- Once the luggage compartment lid has been locked, replace the keys in their special compartment (1 - Fig. 156 - see p. 301) to prevent them from being lost



#### **Important!**

Before closing the hood of the luggage compartment, check that the area under the hood is clear of battery charge cables or other objects. Risk of damage to components inside the front compartment and the hood itself.



#### **WARNING!**

**For safety reasons, each time the luggage compartment lid is opened and closed, before driving off, check that the lid is flush with the surrounding body areas and that it has been properly closed with the key.**

**If the luggage compartment lid has not been properly closed, it could come unlatched while driving. An accident may occur! This may result in injury or death!**

- **If you notice that the luggage compartment lid is not properly closed while you are driving, stop as soon as it is safe to do so and close it, following the above instructions.**





#### WARNING! (continued)

- If you are unable to close the rear hatch properly, do not begin to drive. Contact an Authorized Lamborghini Dealer.
- Never let anything get in the way of the luggage compartment lid as it closes.
- The vehicle will not provide any sort of alert if the luggage compartment lid is closed incorrectly or is not closed at all.

1.	Filler cap on brake fluid reservoir .....	316
2.	Filler cap on windshield wiper/washer system tank .....	323
3.	Power outlet.....	128
4.	Battery terminal access door.....	319
5.	Helmet carrier case/Tool kit.....	364

### Overview of the luggage compartment

Important points to be inspected and equipment provided with the vehicle.



Fig. 162 Luggage compartment.



#### Note

- In order to reach the tool kit and the battery terminal access door, you must first remove the helmet carrier case.
- The tool bag must be stowed with the Lamborghini logo on the left side of the luggage compartment with respect to the direction of travel and facing upwards.

## Brake fluid

### How to check the brake fluid



Fig. 163 Luggage compartment: brake fluid reservoir.

- To access the brake fluid reservoir (1 - Fig. 163), remove the plastic cover located at the top of the luggage compartment.
- Ensure that the brake fluid is at the level of the filter screen; this is the maximum level.



#### WARNING!

The brake fluid level must always be below the maximum mark on the reservoir.

The fluid level may drop gradually over time due to brake pad wear, which automatically advances the hydraulic pistons: this condition is normal.

If the brake fluid level is too low, the brake system warning light **BRAKE** will come on (see p. 47). However, if the level goes down significantly in a short time or drops below the MIN mark, there may be a leak in the brake system. Have the brake system inspected immediately by an Authorized Lamborghini Dealer.



#### WARNING!

A low brake fluid level can mean worn pads or fluid leaks. Have your brake system inspected before adding fluid to the reservoir. Replace the brake fluid at least once every two years.



#### WARNING!

Brake fluid is poisonous.

- Always store brake fluid in its original container, which should be kept closed, in a safe place and out of the reach of children.
- To reduce the risk of poisoning, never use empty food or beverage containers that might mislead people into drinking the contents.



#### WARNING!

Brake failure can be caused by old or incorrect brake fluid.

- Use only brake fluid that meets Federal Motor Vehicle Standard Safety 116.
- Check with an Authorized Lamborghini Dealer to make sure you are using the correct brake fluid.

## Changing the brake fluid

The brake fluid must be replaced by an Authorized Lamborghini Dealer.



### Important!

Brake fluid absorbs moisture. Therefore, brake fluid gradually absorbs water from the atmosphere over time. If the water content in the brake fluid becomes too high, damage due to corrosion in the brake system may result. Also, the boiling point of the brake fluid will become considerably lower. Under certain circumstances, braking can be impaired.

For this reason, the brake fluid must be changed every two years.

Although it is better to use original equipment brake fluid, you may use fluid with equivalent specifications (see the section, "Technical Data").

The brake fluid must be new (see the section, "Technical Data"). It is recommended that you have the brake fluid changed by an Authorized Lamborghini Dealer that has the qualified personnel, special tools and spare parts that are needed, and that has the proper equipment for disposing of the old fluid.



### WARNING!

- **Use only brake fluid that meets Federal Motor Vehicle Standard Safety 116.**
- **Using old or unsuitable brake fluid may compromise the performance of the brakes and cause vapor lock when the brakes are subjected to heavy use. This reduces the effectiveness of the brakes and the safety of the vehicle. An accident may occur!**



### WARNING! (continued)

- **Check with an Authorized Lamborghini Dealer to make sure you are using the correct brake fluid. The brake fluid must be new and from an unopened container.**
- **Brake fluid is poisonous. Always store brake fluid in its original container, which should be kept closed and in a safe place out of the reach of children.**



### Important!

To avoid damage to painted surfaces, make sure that brake fluid does not drip onto them.



### Protecting the environment

After draining the fluid from the brake system, use an appropriate container to collect the used fluid, and dispose of it properly.

### Operating conditions and driving habits

The brakes on vehicles are subject to wear. The amount of wear depends largely on operating conditions and driving habits. The brake pads on vehicles that are subjected to frequent, abrupt stops must be inspected by an Authorized Lamborghini Dealer more often than specified in the Warranty and Maintenance Booklet. Failure to have your brake pads inspected can result in reduced braking performance.

### Brake pad wear

Brake pad wear may be inspected visually by inspecting the brake pads through openings in the wheel. If necessary, the wheel may be removed for the inspection. Contact a an Authorized Lamborghini Dealer to have the inspection performed according to the procedure described in the service manual.

# Battery

## Overview

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If the battery is used regularly, it usually does not require maintenance. The battery must be inspected whenever the vehicle is inspected by an Authorized Lamborghini Dealer.

Provided you have the necessary technical skills to avoid causing harm to yourself, other people, animals and objects, and to avoid damaging the battery, the vehicle or the electrical system, this chapter contains instructions and warnings so that you can carry out the following work on the battery: connection, disconnection and charging (also found in the section "Working on the battery"). If you do not have the required technical skill or if you are not sure what to do, contact an Authorized Lamborghini Dealer for the aforementioned work on the battery.

All other work on the battery (including replacement - see p. 323) must be carried out by an Authorized Lamborghini Dealer.

The battery is one of the components that should be inspected when the vehicle is serviced at an Authorized Lamborghini Dealer.

For maximum safety, the battery is sometimes disconnected from the starting motor and from other electrical devices when the airbags deploy.

### Disconnecting the battery

When the battery is disconnected and then reconnected, some vehicle features are disabled or may not operate correctly.

These and other features must then be reset after the battery is reconnected (see p. 321). To prevent these problems, the battery should be disconnected only in special circumstances.

### Extended periods of storage

If the vehicle is not used for several days or weeks, the individual on-board electrical devices are partially or completely shut down, one

after another. Electric power consumption is thus reduced to ensure that the engine starts even after a long period of storage. Some comfort features (such as the power seats and the remote control key) may not operate. These functions are restored automatically once the instrument cluster is switched on and the engine is started. Even though these devices have been deactivated, if the vehicle is not used for several months, the battery may be discharged completely by devices that use power even when they are shut off. Discharging a battery completely creates a chemical reaction that causes irreparable internal damage to the battery. To prevent this from happening, charge the battery once a month (see p. 322). When the battery is disconnected, the anti-theft alarm is deactivated.

### Tips on operation during the winter

The battery is severely stressed during the winter. This may seriously diminish its ability to start the engine. As a result, it is a good idea to have the battery inspected and recharged (if needed) before winter begins.



#### **WARNING!**

- **All work on the battery requires special technical know-how. Contact an Authorized Lamborghini Dealer.**
- **The battery contains acid and may even explode!**
- **Do not open the battery! The gas that would escape may cause an explosion!**



#### **Important!**

If the vehicle sits for a long time, the battery will gradually discharge because certain electrical equipment on the vehicle continues to draw current when the ignition is off. To avoid this problem, it is a good idea to charge the battery from time to time with a battery charger, which is available at an Authorized Lamborghini Dealer.

## Working on the battery

The battery should be serviced with extra caution by specialized personnel.

Contact an Authorized Lamborghini Dealer.




**Fig. 164 Luggage compartment: battery terminal access point.**

The battery is located in the luggage compartment (1 - Fig. 164). Remove the cover panel in the luggage compartment panel to gain access to the battery terminals.



### Note

If the helmet carrier case is in its place, it must be removed in order to reach the battery terminal access door.

 **WARNING!**

**Be sure to always read and heed the instructions and safety WARNINGS before working on the battery.**



Always wear goggles! The highly explosive gases that batteries release can cause blindness or injury.



Sulfuric acid. Highly corrosive. Can cause damage to unprotected skin and blindness. Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands thoroughly after handling.



If battery acid gets into your eyes or on your skin, immediately rinse with cold water for several minutes. Get medical attention immediately.



Keep children away from battery acid and from vehicle batteries in general.



Always wear goggles. Never let battery acid or lead particles contact your eyes, skin or clothing.



A highly explosive mixture of gases is given off when a battery is charged, which could cause personal injury.



Avoid lighting fires, creating sparks, lighting open flames, and smoking. Never reverse the polarity of the connections.



Battery acid contains sulfuric acid. Always wear protective gloves and goggles. Do not fill the battery, because acid could leak out of the vent holes. If battery electrolyte gets into your eyes or on your skin, immediately rinse with cold water for several minutes and seek medical attention immediately. If battery electrolyte is swallowed, get medical attention immediately.



#### **WARNING!**

**Working on the battery or on the electrical system in your vehicle may cause serious acid burns, fires or electric shock. Always read and heed the appropriate WARNINGS and safety precautions before working on the battery or the electrical system.**

- Before working on the electrical system, always switch off the instrument cluster and all electrical equipment, and disconnect the negative (-) cable from the battery.
- Before you disconnect the battery, disarm the anti-theft alarm by unlocking the vehicle.
- The acid in the battery is highly corrosive and can cause injuries to unprotected skin, or blindness. Always wear protective gloves and goggles. To reduce your risk of injury, which could be fatal, never tilt the battery, as this could spill acid through the vents and burn you.
- If you have come into contact with battery acid:
  - If acid sprays into your eyes, rinse at once for several minutes under running water and consult a doctor immediately.
  - Neutralize acid splashed on the skin or clothing with soap solution, rinse with plenty of water and consult a doctor immediately.
  - If acid is accidentally swallowed, see a doctor immediately.



#### **WARNING! (continued)**

- **Do not overturn a battery: the acid it contains may cause irritation.**
- **Avoid creating static electricity charges on the battery or its cover (for instance, by cleaning with a dry cloth): this could cause an explosion!**
- **A highly explosive mixture of gases is released while the battery is charged. Therefore, avoid:**
  - Open flame
  - Sparks (especially when working on cables and electrical components)
  - Short circuits
  - Unshielded light bulbs
  - Lit cigarettes
- **Never short circuit the battery terminals: the resulting high-energy sparks are dangerous!**
- **Before performing any type of repairs on the electrical system:**
  - Shut off the engine, the instrument cluster and all the electrical equipment.
  - Disconnect the negative cable from the battery.
- **To disconnect the battery from the electrical system:**
  - Shut off the engine, the instrument cluster and all electrical equipment.
  - Disconnect the negative cable first, and then the positive cable.
- **Always switch off all electrical equipment before reconnecting the battery.**
- **To reconnect the battery:**
  - Connect the positive cable first, and then the negative cable. Never reverse the polarity of the connections. You could cause an electrical fire, damage the vehicle, and injure someone standing nearby.
- **Keep children away from the battery and from battery acid.**

**WARNING! (continued)**

- Avoid lighting fires, creating sparks, lighting open flames, and smoking. The highly explosive mixture of gases is given off by the battery can explode and cause personal injury.
- Never use a damaged battery - it may explode! Replace a damaged battery immediately.
- Make sure that the ventilation tube is connected to the battery.
- Never charge a frozen battery or a battery that has been thawed out. Explosions and chemical burns could result! Always replace a battery that has frozen. A discharged battery can freeze at temperatures of around 32 °F.
- When working on the battery, be careful not to short circuit the cables with tools or other metal objects: this would cause sparks and flames which could damage the vehicle, cause an explosion, serious injuries or death!
- When disconnecting the battery, always disconnect the negative (-) cable first, and then disconnect the positive (+) cable.

**WARNING!**

**California Proposition 65 Warning:**  
Operating, servicing, and maintaining a passenger vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to [www.P65Warnings.ca.gov/passenger-vehicle](http://www.P65Warnings.ca.gov/passenger-vehicle).

**WARNING! (continued)**

Batteries, battery posts, battery terminals and their relative related accessories can expose you to chemicals, including contain lead and lead compounds, which are chemicals known to the State of California to cause cancer and birth defects or damage to the other reproductive harm system. Wash hands thoroughly after handling.

**Important!**

- Never disconnect the battery when the instrument cluster or the engine is on: the vehicle's electrical system or electronic components may be damaged.
- To protect the case from ultraviolet rays, do not expose the battery to direct sunlight for long periods.
- If the vehicle is not used for extended periods, protect the battery against freezing, which would cause irreparable damage.

**How to disconnect and connect the battery**

To disconnect the battery from the electrical system:

- Shut off the engine, the instrument cluster and all electrical equipment.
- Disconnect the negative cable from the battery first, and then disconnect the positive cable.

**To reconnect the battery:**

- Connect the positive cable first, and then the negative cable.

Never reverse the polarity of the connections. A fire, damage to the vehicle and injury to persons in the vicinity may result.

When the battery is disconnected, some vehicle functions will become inoperative.

After the battery is disconnected and reconnected, the following functions will be inoperative or may not operate properly:

Power windows.....101



**WARNING!**

**Working on the battery or the electrical system in your vehicle may cause serious acid burns, fires or electric shock. Always read and heed the appropriate Instructions and safety WARNINGS before working on the battery or the electrical system (Battery - see p. 318).**

## Charging the battery

*A fully-charged battery is essential for reliable starting.*

- Heed the warnings in the section entitled, "Working on the battery" on p. 319
- Switch off the instrument cluster and all electrical equipment
- Open the luggage compartment lid by pressing the release button (1 - Fig. 161 - see p. 313)
- Remove the protection panel
- Following the instructions, connect the charger cables to the battery terminals (red = "positive", black or brown = "negative") on the clamps



**WARNING!**

**Heed all of the WARNINGS and instructions that come with your battery charger.**

- Plug the battery charger into a socket and turn the charger on
- When charging is complete, switch off the battery charger and disconnect its power cord from the socket
- Only at this point should you disconnect the charger cables from the battery and from the ground point on the chassis
- A discharged battery can freeze at a temperature as high as 32 °F
- Do not reuse a thawed out battery. The outer cover may be cracked due to ice formation and, as a result, the acid could leak out.



**WARNING!**

**Never charge a frozen battery - it may explode!  
The terminals, clamps and other elements on the battery contain lead and its derivatives. Wash hands after handling.  
Working on the battery or on the electrical system in your vehicle may cause serious acid burns, fires or electric shock. Always read and heed the appropriate instructions and safety WARNINGS before working on the battery or the electrical system (Battery - see p. 318).**

- **Never connect or disconnect battery charger cables while the charger is operating.**
- **Rapid charging is dangerous and should be performed only at an Authorized Lamborghini Dealer that has highly trained technicians and the proper equipment.**
- **Never charge a frozen battery or a battery that has been thawed out.**
- **Explosions and chemical burns could result!**



**WARNING! (continued)**

- Always replace a battery that has frozen. The battery housing may have cracked. A discharged battery can freeze at temperatures of around 32 °F.

**How to replace the battery****WARNING!**

To have the battery replaced, contact an Authorized Lamborghini Dealer. This procedure must be carried out by these professionals (see the "Battery" chapter).

A replacement battery must have the same specifications as the original equipment battery.

The technical specifications are contained in the Technical Data section in this Owner's Handbook (see p. 400)

It is recommended that you use original Lamborghini batteries.

**WARNING!**

To prevent sulfuric acid from leaking, make sure that the battery cannot overturn after it is removed from the vehicle.

**Protecting the environment**

The components in the battery contain toxic substances such as sulfuric acid and lead. They must be disposed of in compliance with current regulations: they must not be disposed of with ordinary household waste!

**Windshield wiper/washer system**

**Fig. 165 Luggage compartment: filler pipe for the windshield wiper/washer reservoir.**

The windshield wiper/washer reservoir contains detergent fluid for the windshield. The reservoir is located on the right front side of the luggage compartment (Fig. 165). The filler cap is marked with this symbol

The capacity of the reservoir is listed in the "Technical Data" section.

Plain water should not be used in the windshield wiper/washer system. It is therefore advisable to add specially formulated windshield washer detergent (with antifreeze properties in winter) to the water.

If a detergent containing antifreeze is not available, alcohol may be used instead. The concentration of alcohol must not exceed 15%. Please note that this concentration only gives protection down to 23 °F.



### Important!

Never add radiator coolant or other additives to the water used for cleaning the windshield/headlights.



### WARNING!

**To prevent damage to the windshield washer pump, do not operate the windshield washer when the reservoir is low on fluid.**

## Wheels and tires

### Wheels

#### Wheel balancing

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Each wheel and tire has been statically and dynamically balanced at the factory using special weights. See an Authorized Lamborghini Dealer regularly to check that no balancing weights are only partially attached to the rims.

Certain situations that occur while driving may affect wheel balance and cause vibrations you can feel through the steering wheel. Improperly balanced wheels cause the tires to wear unevenly and have a negative effect on steering and stability.

Unbalanced wheels must also be rebalanced to help prevent excessive wear on the steering and suspension and systems. When a new tire is installed, the wheel and tire must be rebalanced.

#### Wheel alignment

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### WARNING!

**Incorrect wheel alignment causes excessive and uneven tire wear, impairing vehicle safety. An accident may occur!**

If the tires show excessive and/or irregular wear, have the wheel alignment inspected by an Authorized Lamborghini Dealer.

## Mounting the wheels

Wheels mounted with a single nut bring race car technology to regular on-the-road use.

The single nuts on the wheels are designed to meet the specifications of the wheels installed by the manufacturer.

The tool kit in the luggage compartment (see p. 364) contains a tool for use with single-nut wheels (Fig. 180 - see p. 364).

Wheels and single nuts that are different from those installed by the manufacturer cannot be used.

Tires and wheel rims approved by Lamborghini have been matched precisely to your vehicle model. They make a significant contribution to maintaining good vehicle handling and performance.

Since the single nut and its mounting system are components that affect safety, they must be regularly inspected for wear or damage.

- The tapered surface, trapezoidal threading and internal teeth on the single nut must not be scratched or cracked and must be perfectly clean.
- Have damaged single wheel nuts replaced by an Authorized Lamborghini Dealer. Use original Automobili Lamborghini S.p.A. single wheel nuts specifically for your vehicle model, or else equivalent non-original parts.

## Mounting the wheels: Tightening torque

Single-nut wheels must be mounted and tightened to the correct tightening torque (see p. 350). After changing a wheel, the tightening torque of the single nut must be inspected with an accurate and correctly calibrated torque wrench, preferably by an Authorized Lamborghini Dealer.



### WARNING!

**Using improper or damaged wheel rims can affect driving safety and may cause accidents, serious injury or death!**

- Use only wheel rims approved for your vehicle.
- Regularly check the rims and tires for damage. Never drive with a damaged tire or rim. An accident may occur! Contact the nearest Authorized Lamborghini Dealer to have the vehicle inspected.

**Improperly loosening and tightening the single nuts on wheel rims can cause accidents, serious injury or death!**

- Never loosen the single nut on a wheel.
- All operations on wheels with a single nut should be performed by an Authorized Lamborghini Dealer.

**Unusual vibrations or the vehicle pulling to one side can indicate tire damage.**

**Reduce speed immediately and stop when it is safe to do so. Then check tires and wheel rims for damage.**

**Never drive with a damaged tire or rim. Call for roadside assistance.**

**If no external damage can be seen, drive slowly and carefully to the nearest Authorized Lamborghini Dealer and have the vehicle checked.**

**Improperly tightened single nuts may loosen while driving and cause you to lose control of the vehicle, which can result in accidents, serious injuries and death.**



**WARNING! (continued)**

- **Only use single nuts specifically designed for your vehicle and for the wheel being installed.**
- **Single nuts and wheel hub threads must always be kept clean so they can turn easily.**
- **Use only CASTROL OPTIMOL PASTE TA mounting paste or a similar product on the hub thread. Any other type of grease or oil applied to the single nuts could cause them to loosen during driving, even when tightened to the recommended torque.**
- **If the single nuts are not tightened to the proper torque, the wheels may come off while the vehicle is moving.**
- **Too much torque can damage the single nuts on the wheels and/or their threads and may cause them to loosen and come off while the vehicle is moving.**

## Tires

Because of its high performance and high speed capability, your Lamborghini is equipped with special high-performance tires. These tires and wheels are essential parts of the vehicle's design. The tires and wheels approved by Lamborghini are specially matched to the characteristics of the vehicle for optimal performance and enhanced handling when in good condition and properly inflated.



**WARNING!**

**Maintaining the correct tire pressure, making sure that your vehicle and its tires do not carry more weight than they can safely handle, avoiding damage from road hazards, and regularly inspecting the tires for cuts, slashes, irregular wear, tread depth and overall condition are some of the important measures you must take to prevent sudden tire failures such as loss of traction, tread separation and blowout.**

**Each wheel and tire has been statically and dynamically balanced using special weights. Have an Authorized Lamborghini Dealer check regularly to ensure that no balancing weights are only partially attached to the rims. Improperly balanced wheels cause the tires to wear unevenly and have a negative effect on steering and stability.**

**Tighten the wheel bolts to the tightening torque specified in the service manual.**

**Only certain tires meet the technical and performance criteria for your vehicle and are recommended by Lamborghini. Lamborghini recommends that all work on tires and wheels be done by an Authorized Lamborghini Dealer, where they are familiar with the technical requirements and recommended procedures, have the necessary special tools and spare parts, and can properly dispose of used tires.**

## Reporting safety defects

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If you believe that your vehicle has a defect which could cause an accident, injuries or death, immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying: Lamborghini.

If the NHTSA receives similar complaints, it may order an investigation, and if the safety defect occurs in a number of vehicles, it may order a recall and repair campaign.

However, the NHTSA cannot become involved in individual disputes between you and your Dealer or Lamborghini.

To contact the NHTSA, you can call the Vehicle Safety Hotline toll-free at:

1-888-327-4236 (TTY: 1-800-424- 9153);

, log on to <http://www.safercar.gov>,

or write to:

Administrator, NHTSA, 1200 New Jersey Avenue, SE

Washington, DC 20590.

You can also get further information on the safe operation of your vehicle by logging on to <http://www.safercar.gov>.

## New tires

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New tires do not offer maximum traction. They tend to slip and must be broken in by driving carefully at moderate speeds for the first 350 miles. This will also help the tires last longer.

Driving onto sidewalks or curbs may damage the tires and wheels. Check the tires for damage on a regular basis (holes, cuts, cracks or bubbles, etc.).

Remove any foreign bodies from the tread.

Keep oil, fuel and grease off the tires.

Replace missing valve caps immediately.

 **WARNING!**

**New tires - like tires that are old, worn or damaged - do not provide maximum control or braking performance. New tires must be broken in because they do not offer full traction and braking performance. To reduce the risk of losing control, having an accident and suffering serious injuries or death, drive with extra care during the first 350 miles. Drive at moderate speeds for at least the first 620 miles. Driving with worn or damaged tires can lead to loss of control and unexpected tire failures such as a blowout or sudden deflation, accidents, serious injuries or death. Have worn or damaged tires replaced immediately.**

**Tires age even if they are not being used and can fail suddenly, especially at high speeds.**

**Tires that are more than 4 years old can be used only in an emergency, and then only with special care and at low speed. Never mount used tires on your vehicle if you are not sure of their past use. Used tires may have hidden damage that can lead to sudden tire failure and loss of vehicle control.**

**If you notice unusual vibration or if the vehicle pulls to one side, stop as soon as it is safe to do so and check the wheels and tires for damage.**

 **Important!**

Using tires that are not approved by Lamborghini may cause vehicle malfunctions.

Always install approved summer or winter tires - depending on the season and in compliance with applicable laws in the country you are driving in - on all four wheels.

When switching to different tires, make certain the valves and sensors are not damaged.

To prevent damage to the tire valve and the sensors for the Tire

Pressure Monitoring System (TPMS), never operate the vehicle if any valve stem caps are missing.

If the sensor for the Tire Pressure Monitoring System (TPMS) must be replaced, the valve must be replaced at the same time.

The sensors must be replaced at regular intervals, as specified in the Warranty and Scheduled Maintenance Plan Booklet.



### Protecting the environment

Always dispose of used tires in accordance with legal requirements.

## New tires, and replacement of tires and wheels



### WARNING!


**For optimal performance and safety, the tires on high performance sports cars must be replaced more frequently than on conventional passenger cars.**

**Always replace the tires at the recommended intervals, and no later than four years after they were installed. When in doubt, consult a qualified tire shop, an Authorized Lamborghini Dealer.**

## Replacing new tires

Use only replacement radial tires that have been approved for your vehicle by Lamborghini

Install only radial tires, with a similar tread pattern, of the same make and with the same dimensions (rolling circumference), speed rating and load rating on all four wheels

Tires must be replaced in pairs and not individually (both front tires or both rear tires at the same time) (=> .

Never use tires that are larger or wider than the dimensions of the tires approved by Lamborghini for your vehicle and model. Larger tires could scrape and rub on the vehicle body or other parts of the vehicle.

## Unidirectional tires

Lamborghini has installed unidirectional tires on your vehicle. These tires have an asymmetrical tread pattern.

Unidirectional tires are designed to rotate only in one direction. Unidirectional tires have arrows on the sidewalls that show the direction of rotation. They also have the word ESTERNO on the side of the tire that must be visible on the outside of the tire when it is installed on the vehicle.



### WARNING!

- **Unidirectional tires must always be mounted according to the specified direction of rotation in order to deliver their best grip, braking performance, low road noise, and good wear as well as good hydroplaning resistance.**
- **If you have to mount a tire opposite to its proper direction of rotation, you must drive more carefully, since the tire is no longer being used as designed. This is particularly important on wet roads. You must replace or remount the tire as soon as possible in order to restore the correct direction of rotation.**

## Tires more than 4 years old

Tires age even if they are not being used. Physical and chemical processes reduce tire strength and performance and cause them to harden and become brittle.



### WARNING!

**Old tires can fail suddenly and without warning.**

For optimum performance and safety, the tires on high performance sports cars must be replaced more frequently than on conventional passenger cars.

Always replace the tires at the recommended intervals, and no later than four years after they were installed. When in doubt, consult an Authorized Lamborghini Dealer.

Never use tires that are 4 years old or older. This also applies to tires that look new (such as an unused spare tire) or which still seem to be usable because the tread has not yet worn down to the minimum thickness prescribed by law (=> ).

The age of any tire can be determined by examining the manufacturing date that is part of the tire identification number (DOT) (Tire labeling - see p. 347).

## Proper tire use

Do not drive at high speeds when the tires are still cold. Doing so will put unnecessary stress on the tires.

We recommend driving at least 7 miles at low speeds without accelerating strongly, which will allow the tires enough time to warm up.

If you must drive over a curb or other obstacle, drive very slowly and at a right angle to the curb or obstacle.

Do not let the vehicle sit for extended periods; follow all the relevant instructions and warnings if the vehicle must sit for extended periods (Periods of disuse - see p. 361).

Regularly check tires for damage, such as punctures, cuts, tears and blisters, etc.

Remove foreign bodies in the tread profile which have not yet penetrated into the tire.

If foreign bodies have penetrated into the tire, do not remove them. Contact an Authorized Lamborghini Dealer right away.

Heed all warning messages from the Tire Pressure Monitoring System (See the section on large drops in inflation pressure - p. 60).

Replace worn or damaged tires right away (Replacing tires - see p. 328). Damage to tires and wheels is often invisible to the naked eye. Unusual vibration or pulling to one side can indicate tire damage.

If this happens, see an Authorized Lamborghini Dealer or an independent repair shop right away to check the tires for hidden damage (see p. 329).

Never exceed the maximum permissible load and speed rating of the tires (see p. 340).

Keep aggressive chemicals such as grease, oil, gasoline and brake fluid off the tires (=> ).

Replace missing valve caps immediately.

Even if the tires are not visibly damaged or worn, chemical ageing and processes inside the tires may wear out the materials and change their characteristics over time. High speed performance and grip may decrease over time as a result. Do not use tires that are more than 4 years old.




### Important!

Carefully check the inflation pressure when the tires are cold at least every month and before long trips (See the section on Cold tire inflation pressure - p. 337).

Applies to vehicles with: tire pressure monitoring system (TPMS)

### TPMS tire pressure monitoring system

The  warning light will appear on the instrument cluster if a substantial drop in pressure occurs in one or more tires, or if the TPMS tire pressure monitoring system is malfunctioning.

*All tires should be checked at least every two weeks and before embarking on a long journey while cold and must be inflated to the pressure recommended by the manufacturer, as reported on the sticker located on the driver's door latch pillar.*

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS), which features a warning light that signals when one or more tires are underinflated.



### WARNING!


**Driving with an underinflated tire causes it to overheat and may seriously damage the tire. Also, underinflation also reduces fuel range and tread life, and may affect the vehicle's handling and braking ability. Accordingly, when the low tire pressure warning light comes on, you must stop your vehicle as soon as possible, check your tires and inflate them to the proper pressure.**

Your vehicle is also equipped with a TPMS malfunction indicator, which appears when this system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure warning light. If the system detects a malfunction, the warning light will flash for approximately one minute and then remain steadily lit. Note that the TPMS system is not a substitute for proper tire maintenance. It is up to the driver to maintain correct tire pressure, even if the TPMS warning light has not yet come on to signal an underinflated tire. If the malfunction persists, this sequence will be displayed every time the vehicle is started. When the malfunction indicator is lit, the system may not be able to detect or signal a low tire pressure correctly.

Malfunctions in the TPMS system may occur for a variety of reasons, including the installation of replacement tires or wheels that prevent the TPMS from functioning properly. Always check the TPMS malfunction indicator after replacing one or more tires or wheels on your vehicle to ensure that the replacement tires and wheels allow the TPMS to function properly.

### Description

The TPMS system uses valves equipped with sensors that are located on the wheels.

During driving, TPMS sensors monitor the pressure and temperature in all four tires and signal any drop in pressure in one or more tires while the vehicle is moving. The signals from the sensors are sent to the control unit by radio. Pressure drops are signaled by the  warning light and by audible signals and warning messages on the instrument cluster (See the section on large drops in inflation pressure - p. 60).



### Important!

Please note that when the Tire Mobility System - TMS kit is used for emergency tire repair, it could falsify the pressure detected by the tire pressure control system



or interfere with its operation. For this reason, the sensor in the pressure control system must be replaced after the Tire Mobility System - TMS kit is used. See an Authorized Lamborghini Dealer or an independent repair shop. We recommend using the kit only when absolutely necessary.



#### **WARNING!**

The driver is responsible for maintaining the tires on the vehicle at the correct pressure. The correct tire pressures are listed on the tire pressure label affixed to the driver's door latch pillar (Fig. 166 - see p. 337).

Incorrect and/or insufficient tire pressure may cause sudden tire failure - such as a blowout or sudden loss of pressure - which would cause loss of vehicle control and resulting accidents, serious injuries, or even death!

Always keep the pressures in the tires at the values specified for the tires and for vehicle load. During vehicle operation, underinflated tires flex to a greater degree and overheat, which may cause the tread to separate and the tire to fail suddenly, with consequent loss of vehicle control.

If a tire is not completely deflated and the wheel does not need to be replaced right away, proceed at a reduced speed to the nearest service station and have the pressure of the tires checked. Inflate the tires, if necessary.

If the tire pressure is too low or too high, the tires will wear prematurely and the vehicle will not handle well.

The TPMS system operates properly only when the tires on the vehicle are at the correct pressure.



#### **WARNING! (continued)**

**When replacing tires or wheels on vehicles equipped with the TPMS system, read and comply with all the relative information, instructions and WARNINGS.**

**Excessive speed and overloading can cause overheating and sudden tire failures such as a blowout, with consequent loss of vehicle control.**

**Always maintain the tires at the correct cold pressure so that the TPMS system can operate properly.**

**Before setting off, always inflate the tires to the pressure shown on the driver's door latch pillar (Fig. 166 - see p. 337).**



#### **WARNING!**

**Do not change the inflation pressure when the tires are overheated:**

**they could be damaged or even blow out.**

**Check and change the tire pressure only when the tires are at ambient temperature.**

**When changing a tire, do not loosen the sensors or the valves, and do not exchange them with those on other tires. Only the valve seal should be replaced and, if necessary, the valve itself and the electronic component on the wheel.**



#### **Note**

Missing valve caps can cause damage to the tire valves and the sensors. To prevent damage, use valve caps that are similar to those installed by the tire manufacturer. Valve caps must be screwed on tightly. Do not use metal valve caps.

When replacing the tires, make sure the valves and sensors are in good condition.



### Protecting the environment

Underinflation increases fuel consumption and tire wear.



#### WARNING!


- The Tire Pressure Monitoring System (TPMS) checks that tire pressures conform to the pressures specified by the manufacturer, as listed in this Owner's Handbook and on the tire pressure label affixed to the driver's door latch pillar (Fig. 166 - see p. 337).
- When installing replacement tires that require a different inflation pressure, the TPMS must be adapted to the new specifications by an Authorized Lamborghini Dealer or independent repair shop. Only a value for partial or full load can be entered.
- Please note that when the Tire Mobility System (TMS) is used, it could falsify the pressure detected by the tire pressure control system or interfere with its operation. For this reason, the sensor in the pressure control system must be replaced after the Tire Mobility System (TMS) is used. See an Authorized Lamborghini Dealer or an independent repair shop.



#### WARNING! (continued)

- The batteries in the sensors last approximately 7 years (depending on vehicle operation), after which time they must be replaced.
- To prevent damage to the sensor and the valve, do not exert excessive force on the valve when checking the tire pressure. Do not bend the valve.
- Regularly check the pressure of the tires, even if the vehicle is equipped with the TPMS system. Check for possible damage to the tires (punctures, cuts, tears and blisters). Remove foreign bodies from the tread.
- The Tire Pressure Monitoring System does not report structural damage or defects that may, for example, cause the tire to blow out. Regularly perform a visual inspection of your tires.
- If the sensors must be replaced, the valves must also be replaced.
- Pressures measured with a gauge when inflating the tires may be different from the pressures read by the tire pressure sensors. The TPMS electronic system is more accurate.
- If the pressure of a "hot" tire must be adjusted, bring the pressure to a value that is 2.0 - 4.35 PSI higher than the value listed on the label that is affixed to the driver door latch pillar (Fig. 166 - see p. 337).

**WARNING! (continued)**

- **When the TPMS system warns that the pressure in at least one tire is too low, stop the vehicle and contact**
- **The  warning light will appear on the instrument cluster if a substantial drop in pressure occurs in one or more tires, or if the TPMS tire pressure monitoring system is malfunctioning.**
- **All tires should be inspected at least every two weeks and before embarking on a long journey while cold and must be inflated to the pressure recommended by the manufacturer, as reported on the sticker located on the driver's door latch pillar.**

**As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS), which features a warning light that signals when one or more tires are underinflated.**

**Driving with an underinflated tire causes it to overheat and may seriously damage the tire. Also, underinflation also reduces fuel range and tread life, and may affect the vehicle's handling and braking ability. Accordingly, when the low tire pressure warning light comes on, you must stop your vehicle as soon as possible, check your tires and inflate them to the proper pressure.**


Your vehicle is also equipped with a TPMS malfunction indicator, which appears when this system is not operating properly. The TPMS

malfunction indicator is combined with the low tire pressure warning light. If the system detects a malfunction, the warning light will flash for approximately one minute and then remain steadily lit. Note that the TPMS system is not a substitute for proper tire maintenance. It is up to the driver to maintain correct tire pressure, even if the TPMS warning light has not yet come on to signal an underinflated tire. If the malfunction persists, this sequence will be displayed every time the vehicle is started. When the malfunction indicator is lit, the system may not be able to detect or signal a low tire pressure correctly.

Malfunctions in the TPMS system may occur for a variety of reasons, including the installation of replacement tires or wheels that prevent the TPMS from functioning properly. Always check the TPMS malfunction indicator after replacing one or more tires or wheels on your vehicle to ensure that the replacement tires and wheels allow the TPMS to function properly.

**Description**

The TPMS system uses valves equipped with sensors that are located on the wheels.

During driving, TPMS sensors monitor the pressure and temperature in all four tires and signal any drop in pressure in one or more tires while the vehicle is moving. The signals from the sensors are sent to the control unit by radio. Pressure drops are signaled by the  warning light and by audible signals and warning messages on the instrument cluster (See the section on large drops in inflation pressure - p. 60).

**Important!**

Please note that when the Tire Mobility System - TMS kit is used for emergency tire repair, it could falsify the pressure detected by the tire pressure control system or interfere with its operation. For this reason, the

sensor in the pressure control system must be replaced after the Tire Mobility System - TMS kit is used. See an Authorized Lamborghini Dealer . We recommend using the kit only when absolutely necessary.



**WARNING!**

The driver is responsible for maintaining the tires on the vehicle at the correct pressure. The correct tire pressures are listed on the tire pressure label affixed to the driver's door latch pillar (Fig. 166 - see p. 337).

Incorrect and/or insufficient tire pressure may cause sudden tire failure - such as a blowout or sudden loss of pressure - which would cause loss of vehicle control and resulting accidents, serious injuries, or even death!

Always keep the pressures in the tires at the values specified for the tires and for vehicle load. During vehicle operation, underinflated tires flex to a greater degree and overheat, which may cause the tread to separate and the tire to fail suddenly, with consequent loss of vehicle control.

If a tire is not completely deflated and the wheel does not need to be replaced right away, proceed at a reduced speed to the nearest service station and have the pressure of the tires inspected. Inflate the tires, if necessary.

If the tire pressure is too low or too high, the tires will wear prematurely and the vehicle will not handle well.

The TPMS system operates properly only when the tires on the vehicle are at the correct pressure.

When replacing tires or wheels on vehicles equipped with the TPMS system, read and comply with all the relative information, instructions and **WARNINGS**.



**WARNING! (continued)**

**Excessive speed and overloading can cause overheating and sudden tire failures such as a blowout, with consequent loss of vehicle control.**

**Always maintain the tires at the correct cold pressure so that the TPMS system can operate properly.**

**Before setting off, always inflate the tires to the pressure shown on the driver's door latch pillar (Fig. 166 - see p. 337).**



**WARNING!**

**Do not change the inflation pressure when the tires are overheated:**

**they could be damaged or even blow out.**

**Check and change the tire pressure only when the tires are at ambient temperature.**

**When changing a tire, do not loosen the sensors or the valves, and do not exchange them with those on other tires. Only the valve seal should be replaced and, if necessary, the valve itself and the electronic component on the wheel.**



**Note**

Missing valve caps can cause damage to the tire valves and the sensors. To prevent damage, use valve caps that are similar to those installed by the tire manufacturer. Valve caps must be screwed on tightly. Do not use metal valve caps.

When replacing the tires, make sure the valves and sensors are in good condition.



### Protecting the environment

Underinflation increases fuel consumption and tire wear.



#### WARNING!

- The Tire Pressure Monitoring System (TPMS) checks that tire pressures conform to the pressures specified by the manufacturer, as listed in this Owner's Handbook and on the tire pressure label affixed to the driver's door latch pillar (Fig. 166 - see p. 337).
- When installing replacement tires that require a different inflation pressure, the TPMS must be adapted to the new specifications by an Authorized Lamborghini Dealer . Only a value for partial or full load can be entered.
- Please note that when the Tire Mobility System (TMS) is used, it could falsify the pressure detected by the tire pressure control system or interfere with its operation. For this reason, the sensor in the pressure control system must be replaced after the Tire Mobility System (TMS) is used. See an Authorized Lamborghini Dealer .
- The batteries in the sensors last approximately 7 years (depending on vehicle operation), after which time they must be replaced.



#### WARNING! (continued)

- To prevent damage to the sensor and the valve, do not exert excessive force on the valve when checking the tire pressure. Do not bend the valve.
- Regularly check the pressure of the tires, even if the vehicle is equipped with the TPMS system. Check for possible damage to the tires (punctures, cuts, tears and blisters). Remove foreign bodies from the tread.
- The Tire Pressure Monitoring System does not report structural damage or defects that may, for example, cause the tire to blow out. Regularly perform a visual inspection of your tires.
- If the sensors must be replaced, the valves must also be replaced.
- Pressures measured with a gauge when inflating the tires may be different from the pressures read by the tire pressure sensors. The TPMS electronic system is more accurate.
- If the pressure of a "hot" tire must be adjusted, bring the pressure to a value that is 2.0 - 4.35 PSI higher than the value listed on the label that is affixed to the driver door latch pillar (Fig. 166 - see p. 337).
- When the TPMS system warns that the pressure in at least one tire is too low, stop the vehicle and contact an Authorized Lamborghini Dealer .

## New Tires and the Tire Pressure Monitoring System (TPMS)

When the original equipment tires are replaced, make sure that the new tires are equipped with sensors that are compatible with the Tire Pressure Monitoring System (TPMS) installed at the factory.

If the specifications of the new tires are different from original Lamborghini specifications for your vehicle and model, the tire inflation pressure values stored in the Tire Pressure Monitoring System (TPMS) must be updated. For further information, contact an Authorized Lamborghini Dealer.

The Tire Pressure Monitoring System (TPMS) cannot recognize tires without sensors or with incompatible sensors.

The Tire Pressure Monitoring System (TPMS) will not be able to measure the tire inflation pressure.

The system will indicate a malfunction or shut down. For detailed information about the Tire Pressure Monitoring System (TPMS), how it works and what you need to know (Checking the tire pressure - see p. 330).



### WARNING!

**New tires must be “broken in” because new tires do not have full traction and braking performance.**

- **To reduce the risk of losing control, having an accident and suffering serious injuries or death, drive with extra care during the first 350 miles. Drive at moderate speeds for at least the first 620 miles.**

**Always make sure that new tires are not larger than the tires approved for your vehicle and that the new tires do not rub against parts of the vehicle.**

**Tires that do not have the proper dimensions can rub against parts of the vehicle body, suspension, and brake system, causing brake system failure, tread separation, and sudden blowouts.**



### WARNING! (continued)

**The use of tires that are not authorized by Lamborghini may cause vehicle malfunctions.**



### Important!

- Install approved summer or winter tires - depending on the season and in compliance with applicable laws in the country you are driving in - on all four wheels.
- When switching to different tires, make certain the valves and sensors are not damaged.
- Never drive without valve stem caps. The valves and sensors for the Tire Pressure Monitoring System (TPMS) could be damaged.
- If the sensor for the Tire Pressure Monitoring System (TPMS) must be replaced, the valve must be replaced at the same time.
- The sensors must be replaced at regular intervals, as specified on the Warranty and Scheduled Maintenance Plan Booklet.
- Although tire size specifications can be the same, the actual dimensions may differ from those nominal values for different tire makes, or the tire contours may be significantly different.
- Always dispose of used tires in accordance with legal requirements.

## Cold tire inflation pressure

*Tire pressure affects the handling, performance and safety of the vehicle.*



**Fig. 166** Location of the tire pressure sticker on the inside of the driver's door.

Most tires lose air naturally over time. They can also lose pressure if you drive over potholes or hit curbs while parking. It is very hard to see whether tires are under-inflated just by looking at them. Always use an accurate tire pressure gauge when checking and adjusting inflation pressures.

The tire pressures are listed in the "Technical Data" section of this Owner's Handbook and on the tire pressure label on the inside of the driver's door (Fig. 166).

The tire pressure label on the driver's door latch pillar of your Lamborghini lists the recommended cold tire inflation pressure for the vehicle at its maximum load capacity when equipped with the tires that were installed when it was manufactured.

The tire pressure label lists the maximum combined weight of the passengers, luggage and other cargo that the vehicle can carry. Make sure that the size of the tires on the vehicle is the same size listed on the sticker. This is especially important if the vehicle belongs or belonged to someone else, or if it had different wheels/tires when you bought it.



### WARNING!

**Remember that your safety and the safety of your passenger depends on staying within the load limits of your tires and your vehicle. Vehicle load includes everybody and everything in and on the vehicle.**

**These load limits are technically referred to as the vehicle's Gross Vehicle Weight Rating (GVWR).**

**The Gross Axle Weight Rating (GAWR) is the maximum load that can be exerted on each of the vehicle's two axles.**

**The Gross Vehicle Weight Rating and the Gross Axle Weight Rating are listed on the safety compliance sticker on the driver's door pillar.**

**The tire pressure label lists the maximum combined weight of the passengers, luggage and other cargo that the vehicle can carry. Underinflation or overinflation significantly shortens the life of your tires and affects the handling of the vehicle (=> ⚠).**

**The correct tire pressure is very important, particularly when the vehicle is driven at high speeds. Incorrect tire pressure can cause increased wear and even sudden tire failure and blowouts. An accident may occur!**

**Therefore, tire pressure should be checked at least once a month and always before long trips.**

**The specified tire inflation pressure applies to a cold tire. When tires are warm, the pressure will be higher than when the tires are cold.**

**WARNING! (continued)**

**Do not reduce the tire pressure on warm tires to match the required cold tire inflation pressure. The pressure would then be too low and could cause sudden tire failure and blowout. An accident may occur!**

**Tire inflation pressure in cold tires**

To determine the correct inflation pressure for your tires, see the relative technical information (Tires and wheels - see p. 385)

The Tire Pressure Monitoring System (TPMS) is configured at the factory with the correct tire inflation pressure applicable to the vehicle model, engine and original equipment tires. This tire inflation pressure is also listed on a label which is located on the inside of the driver's door. Recommended tire pressures are specified for all the tires, including the spare. If different tires are installed, the TPMS system will not monitor tire inflation pressure correctly until it is reconfigured.

**WARNING!**

**Overloading a vehicle can cause loss of vehicle control and resulting accidents, serious injuries or even death!**

- **Overloading a vehicle changes the pressure of the tires and can increase braking distance.**
- **The brakes on an overloaded vehicle may not be able to stop the vehicle within the normal safety distance.**
- **The tires on an overloaded vehicle may fail suddenly and cause a loss of control with a resulting accident.**

**WARNING! (continued)**

- **Do not tow trailers. Your Lamborghini is not equipped to tow a trailer or even designed for this purpose. When a vehicle tows a trailer, the load of the trailer is transferred to the vehicle and may exceed the load capacity available for luggage and cargo, thus making the vehicle unsafe.**
- **Incorrect tire pressures and/or underinflation can lead to a serious or fatal accident.**
- **Incorrect tire pressures and/or underinflation cause increased tire wear and can undermine vehicle handling.**
- **Incorrect tire pressures and/or underinflation can lead to unexpected tire failures, including a blowout and sudden deflation, with loss of vehicle control.**

**Checking tire inflation pressure**

*The correct pressure for the tires originally installed on your vehicle is listed on a sticker affixed to the driver's door latch pillar.*

Tire pressure must be checked within three hours from the time when the vehicle has traveled less than 1 miles at low speeds.

The correct pressure for the tires originally installed on your vehicle is listed on a sticker affixed to the driver's door latch pillar. Never exceed the maximum inflation pressure listed on the tire sidewall for any reason.

The label indicating tire pressures on your Lamborghini lists the recommended cold inflation pressure for the new, original equipment tires that were installed on your vehicle when it was manufactured. In colder climates tire pressure should be checked more often, but only when the tires are cold.

Most tires lose air naturally over time. They can also lose pressure if you drive over potholes or hit curbs while parking. It is very hard to see



whether modern radial tires are under-inflated just by looking at them. After adjusting the pressure in the tires, make sure that the valve caps are securely installed. Now, read the information and instructions on the TPMS (Large drop in inflation pressure - see p. 60).

Be sure to reinstall the valve caps after checking or adjusting tire pressure.

Always use an accurate tire pressure gauge when checking and adjusting inflation pressures.

Check all the tires.

Remove the valve cap and place the pressure gauge on the valve. If the pressure in a tire is too high when the tire is "cold," release air slowly using the edge of the tire gauge and keep checking the pressure until you reach the value that is correct for the load (passengers and luggage) you are carrying and the kind of driving you wish to do.

If the pressure in a tire is too low, inflate the tire until you compensate for the difference between the value measured when the tire is cold and the correct pressure for the load (passengers and luggage) you are carrying and for the tires on your vehicle (as listed on the sticker on your vehicle and in this Owner's Handbook), as well as for the kind of driving you wish to do. Never exceed the maximum inflation pressure listed on the tire sidewall for any reason.

#### How to check tire pressure

- Read the correct inflation pressure that is specified on the label affixed to driver's door latch pillar.
- Place the pressure gauge on the valve caps without removing them
- Tire pressures should be checked only when the tires are cold.
- It is not necessary to reduce the pressure of a warm tire even if it is slightly higher than the recommended pressure.
- Adjust the tire pressure to suit the load you are carrying.
- After changing one or more wheels, check and adjust the tire pressure on all of the wheels.



#### WARNING!

**Incorrect tire pressure can cause a sudden tire failure or blowout, loss of control, collision, serious personal injury, or even death.**

- **Incorrect tire pressure can cause a sudden tire failure or blowout, loss of control, collision, serious personal injury, and even death.**
- **Regularly check that the tires are inflated to the correct pressure.**
- **Low tire pressure can cause tires to get too hot, resulting in tread separation, sudden loss of pressure, and blowouts. This is because tires with excessively low pressure bend or flex more, which can cause the tire to overheat and destroy itself.**
- **Excessive speed and/or overloading can cause overheating, sudden tire failure (such as a blowout or tread separation) and loss of control.**
- **The use of tires that are not authorized by Lamborghini may cause vehicle malfunctions.**
- **Install approved summer or winter tires - depending on the season and in compliance with applicable laws in the country you are driving in - on all four wheels.**
- **When switching to different tires, make certain the valves and sensors are not damaged.**
- **Never drive without valve stem caps. The valves and sensors for the Tire Pressure Monitoring System (TPMS) could be damaged.**
- **If the sensor for the Tire Pressure Monitoring System (TPMS) must be replaced, the valve must be replaced at the same time.**
- **The sensors must be replaced at regular intervals, as specified in the Warranty and Scheduled Maintenance Plan Booklet.**



#### Note

When checking the pressure or adding air, do not remove the extender. Be sure to reinstall the valve caps after checking or adjusting tire pressure.

Be sure not to jam the pressure gauge in the valve stem. Otherwise damage to the tire valve and the tire inflation pressure sensor can occur.

Missing, incorrect, or improperly screwed-on valve caps can cause damage to the valves and to the sensors for the Tire Pressure Monitoring System (TPMS). Therefore, make sure your valve caps conform to the specifications of those originally installed on the vehicle and that they are always tightly and properly screwed onto the valves.

Do not use metal valve caps.



#### Note

- Pressure measured with a gauge when inflating the tires may be different from the pressure read by the pressure sensors. The electronic Tire Pressure Monitoring System (TPMS) is more accurate.
- When the Tire Pressure Monitoring System (TPMS) warns that the pressure in at least one tire is too low, be sure to check the tire pressure in all four tires with an accurate tire pressure gauge. It is impossible to determine with the naked eye whether a tire is underinflated. This is especially true for super low-profile tires.



#### Protecting the environment

Under-inflation increases fuel consumption.

## Tires and vehicle load limits



### WARNING!

**There are limits to the amount of weight that any vehicle or tire can carry. An overloaded vehicle does not handle well and is hard to stop. Overloading can not only lead to loss of vehicle control, but can also damage important parts of the vehicle and lead to sudden failures, such as a blowout or sudden deflation of one or more tires, which can cause accidents.**

**Your safety and the safety of your passenger also depends on staying within specified load limits. Vehicle load includes everybody and everything in and on the vehicle. These load limits are technically referred to as the vehicle's Gross Vehicle Weight Rating (GVWR).**

The GVWR includes the basic weight of the vehicle, all factory installed accessories, and full quantities of fuel, oil, coolant and other fluids, plus the maximum load allowed. The maximum load includes the number of passengers that the vehicle is intended to carry (seating capacity), assuming a weight of 150 lbs for each passenger at the designated seating position, and the total weight of any luggage carried by the vehicle.

The Gross Axle Weight Rating (GAWR) is the maximum load that can be exerted on each of the vehicle's two axles (i.e., on the front and rear tires).

The Gross Vehicle Weight Rating and the Gross Axle Weight Rating are listed on the safety compliance sticker on the driver's door latch pillar.

Your vehicle has two seating positions, each of which is equipped with a safety belt. The fact that there is an upper limit to the Gross Vehicle Weight Rating GAWR means that there is a limit on the total weight carried in the vehicle (see p. 385).

The tire pressure sticker on your Lamborghini also lists the maximum

combined weight of all of the occupants and luggage (or other cargo) that the vehicle can carry.



#### WARNING!

**Overloading a vehicle can cause loss of vehicle control and resulting accidents, serious injuries or even death!**

- Carrying more weight than your vehicle was designed to carry will have a negative influence on handling and increases the risk of losing vehicle control.
- The brakes on an overloaded vehicle may not be able to stop the vehicle within the normal safety distance.
- Always check the tire sidewall to determine the designated load rating for the tires on your vehicle.
- Overloading a vehicle may cause unexpected tire failures such as a blowout or sudden deflation, as well as loss of vehicle control and accidents.
- Make sure that the total load being transported does not exceed the Gross Vehicle Weight Rating allowed for the vehicle.

### Determining the correct load limit

How to determine the correct load limit of the vehicle:

1. Locate the phrase "The combined weight of occupants and cargo should never exceed XXX Kg or XXX Lbs" on the sticker that shows the recommended pressure for the tires on the vehicle (Fig. 166 - see p. 337)
2. Calculate the combined weight of the driver and the passenger who will be riding in your vehicle.
3. Subtract the combined weight of the driver and passenger from "XXX" kg or "XXX" lbs.
4. The result is the total weight of the cargo and luggage the vehicle

can carry. For example, if "XXX" is 1,400 lbs and 5 passengers weighing 154 lbs each will be carried in the vehicle, the available load capacity for luggage and other items is 628 lbs (1,400 lbs- 350 (5 x 154 lbs) = 628 lbs).

5. Determine the total weight of luggage and cargo to be loaded into the vehicle. This weight should not exceed the available load capacity for cargo and luggage, as calculated in Step 4.



#### Important!

**Do not tow trailers.**

Your Lamborghini is not equipped to tow a trailer or even designed for this purpose. When a vehicle tows a trailer, the load of the trailer is transferred to the vehicle and may exceed the load capacity available for luggage and cargo, thus making the vehicle unsafe.



#### WARNING!

**During long trips at high speed, an underinflated tire will flex much more than a properly inflated tire.**

**The resulting overheating may cause the tread to separate partially or even the tire to blow out: an accident may occur! Underinflation or overinflation will reduce tire life considerably and worsen the road behavior of the vehicle.**



#### Protecting the environment

Underinflated tires increase fuel consumption.

## Tire life and wear

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*Correct inflation pressure and sensible driving habits will increase the life of your tires.*

- Check tire pressures at least once every 15 days
- Check the pressure only when the tires are cold. Do not reduce the pressure of hot tires if it is higher than the recommended cold tire inflation pressure
- Avoid fast cornering and hard acceleration that spins the wheels
- Regularly check the tires for irregular wear

## Tire wear

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Tire wear depends on several factors, including:

- Driving style.
- Unbalanced wheels (see p. 324).
- Wheel alignment (see p. 324).

Driving style - Fast cornering, hard acceleration and braking increase tire wear. If you experience increased tire wear under normal driving conditions, have the suspension inspected by an Authorized Lamborghini Dealer.

It is dangerous to drive on wet roads without reducing speed, even when the tires are not worn to the point when they must be replaced. The tires on high performance sports cars must be replaced sooner than on conventional passenger cars for optimum performance and safety.

Always replace the tires at the recommended intervals, and no later than 4 years after they were installed. When in doubt, have the tires checked by an Authorized Lamborghini Dealer.



### WARNING!

**Each tire has wear indicators in the tread grooves that show how much the tire is worn down. Replace the tire before an indicator reaches the level of the tread: otherwise, you may cause an accident!**

**Both tires on the same axle must be replaced (front or rear) even if only one of the wear indicators has reached the tread. Worn tires are dangerous and can cause loss of vehicle control resulting in serious injuries or death!**

- **Never drive a vehicle when the tread on any tire is worn down to the wear indicator. Replace the tire as soon as possible.**
- **Worn tires do not grip the road properly, especially on wet roads, increasing your risk of "hydroplaning" and loss of control.**
- **Worn tires reduce the ability of your vehicle to handle well in normal and difficult driving situations, and increase braking distance and the risk of skidding.**

**Unusual vibration or pulling to one side can indicate tire damage.**

- **Reduce speed immediately and stop when it is safe to do so.**
- **Check tires and wheel rims for possible damage.**
- **Never drive with a damaged tire or rim. Get expert assistance instead.**
- **If no external damage can be seen, drive slowly and carefully to an Authorized Lamborghini Dealer and have the vehicle inspected.**

**Worn out tires undermine vehicle stability at high speeds and on wet roads.**

**The use of tires that are not authorized by Lamborghini (Tires and wheels - see p. 385) may cause vehicle malfunctions.**

**Install approved summer or winter tires on all four wheels (Tires and wheels - see p. 385).**

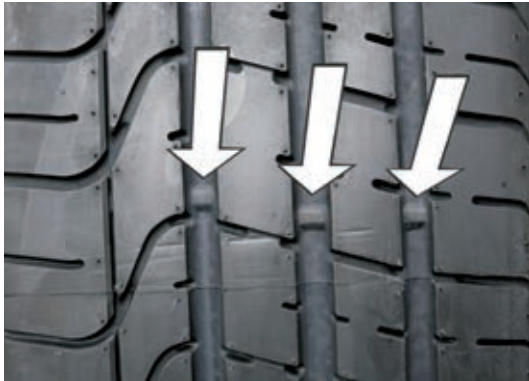


### Note

Any adhesives or colored markings applied on the side of the tires have a limited resistance to abrasion and therefore their aesthetic appearance could change over time due to normal vehicle use or accidental contact with external objects. Any damage to labels or markings must be considered exclusively of an esthetic nature and do not have any negative impact on the reliability and performance levels of the tires.


## Tread wear indicators

*Tread wear indicators show the amount of wear on a tire.*



**Fig. 167** Tire tread surface: wear indicators.

Most driving situations require as much tread depth as possible. Also, the tread depth of the tires on the front and rear wheels should be

about the same. This is especially true when driving in winter weather, at low temperatures and on wet roads ( $\Rightarrow$  .

The grooves in the tire tread have “wear indicators” arranged perpendicular to the direction of tire rotation.

When the depth of the remaining tread, as measured in the grooves next to the wear indicators is 0.06 in., the legal minimum depth has been reached (in certain countries, the legal limits may be different).

Avoid letting the vehicle sit for extended periods. If this is impossible, follow the instructions in the paragraph entitled, “Periods of disuse”. Even when the tread does not seem to be worn, tire performance may have deteriorated due to chemical aging of the materials.

As a result, the strength of the tire at high speeds and its grip may decrease after a few years.

If you are unsure about your tires, have them checked by a qualified technician. In any case, have them replaced 4 years after installation.

Tire manufacturers claim that it is impossible to specify a safe minimum tread depth that applies to all combinations of tires and road conditions. However, the tread wear indicators on the tires provide a useful indication of when the tires should be replaced.

Applies to vehicles with: winter tires

## Winter tires

*Winter tires improve the handling and braking characteristics of your vehicle significantly when driving under wintry road conditions. Summer tires have less traction on snow and ice because of their design (width, rubber composition, tread design).Lamborghini strongly recommends that you have winter tires installed on all four wheels, especially when winter road conditions are expected, and in compliance with applicable laws in the country you are driving in.*

Winter tires also improve the vehicle's braking performance and help reduce stopping distances during winter weather. Use winter tires at temperatures below 45 °F. Always comply with the relevant provisions of law in the country where the vehicle is being operated.

Winter tires are no longer effective when the tread is worn down. Thus, it is good practice to replace the tires before they are worn to that extent. In addition, winter tire performance decreases with age - regardless of tread depth.

The use of tires that are not authorized by Lamborghini may cause vehicle malfunctions and resulting danger because of reduced grip and increased braking distance.

Always install approved summer or winter tires on all four wheels. Use radial ply winter tires, only.

Use radial ply winter tires, only.

#### **When using winter tires**


Obey the laws in your country.

Use only radial ply winter tires approved for your vehicle. Contact an Authorized Lamborghini Dealer for further information.

Use only winter tires with the same surface, dimensions (rolling circumference), load rating and tread design.

Install winter tires on all four wheels.

Use winter tires only under wintry road conditions.

Follow the speed restrictions indicated by the winter tire's speed rating letter code, in compliance with applicable laws in the country you are driving in (=> .

After installing winter tires, always make sure that the tire pressures correspond to the values shown on the tire pressure label on the inside of the driver's door.

#### **Speed restrictions**

Winter tires are certified up to the top speed identified by the speed rating letter code on the sidewall (International tire labeling -see p. 347). Remember that the maximum speed allowed for winter tires may be lower than the speed rating for summer tires



#### **WARNING!**

- **Exceeding the maximum speed allowed for the winter tires on your vehicle can cause unexpected tire failures such as a blowout and sudden deflation, which may result in an accident, serious injuries or death!**
- **Winter tires have a maximum speed rating that may be lower than your vehicle's maximum speed and lower than the maximum speed rating for the summer tires approved for your vehicle.**
- **Never drive faster than the maximum speed for which the winter or other tires installed on your vehicle are rated, because tires that are driven faster than their rated speed can fail suddenly.**
- **Never exceed the maximum load rating for the winter tires installed on your vehicle.**
- **Never let the acceleration and performance provided by winter tires tempt you into taking risks.**
- **Always adjust your speed and driving style to suit road, traffic and weather conditions.**
- **Drive carefully and reduce your speed on icy and slippery roads. Not even the best winter tires can prevent loss of vehicle control on black ice because it is so slippery. An accident may occur!**
- **Never exceed the maximum load rating for the winter tires installed on your vehicle.**
- **Winter tires improve the handling of your vehicle significantly when driving in wintry road conditions. However, we recommend driving in accordance with the environmental and road conditions. Summer tires give less grip on ice and snow, due to their type of construction (rubber compound and tread pattern).**
- **Use only winter tires approved for your vehicle (see p. 385). Information on specific winter tire sizes can be found in the vehicle's registration documents.**

**WARNING! (continued)**

- Winter tires are no longer fully effective when the tread is worn.
- The performance of winter tires is also severely impaired by wear, even if the tread is still much deeper than 0.24 in..

**Note**

Contact an Authorized Lamborghini Dealer for the latest information on the availability of winter tires for your vehicle.

**Protecting the environment**

Summer tires should be installed as soon as the weather permits, as they are better suited for use on surfaces that are free from snow and ice. Summer tires are quieter, do not wear as quickly and, most importantly, consume less fuel.

**Tire storage**

Mark tires before removing them to help make sure that the previous location (left, right, front, rear) and rolling direction can be maintained when remounting them.

Store tires in a cool, dry and preferably dark place.

Do not store tires mounted on rims in a vertical position.

Tires not mounted on rims should be covered to help protect them from dirt and stored vertically (resting on the tread).

**WARNING!**

**New tires or tires that are old, worn or damaged cannot provide maximum control and braking performance.**

**WARNING! (continued)**

Improper care and handling of wheels and tires can reduce driving safety and cause accidents, serious injuries or death. Install radial tires only of same make, dimensions (rolling circumference) and similar tread profile onto all four wheels. New tires must be broken in because they do not have full traction and braking performance. To reduce the risk of losing control, having an accident and suffering serious injuries or death, drive with extra care during the first 350 miles.

- Check tire inflation pressure regularly when the tires are cold and always maintain the prescribed tire pressure. Low tire pressure can cause tires to get too hot, resulting in tread separation, sudden loss of pressure, and blowouts. This happens because tires inflated to an excessively low pressure undergo more flexing, which can cause the tire to overheat and fail.
- Check tires regularly for wear and damage.
- Never drive with worn or damaged tires (for example, tires with punctures, cuts, cracks, blisters, or bumps). Driving with worn or damaged tires can lead to loss of control and unexpected tire failures, such as blowout and sudden deflation, which can result in accidents, serious injuries or death!
- Replace worn or damaged tires right away.
- Never exceed the permissible maximum speed and load rating of the tires on your vehicle.
- The effectiveness of the driver assistance systems and the braking support systems depends on the tire traction.
- If you notice unusual vibration or if the vehicle pulls to one side when driving, always stop as soon as it is safe to do so and check the tires and wheels for damage.
- To reduce the risk of losing control, accidents, serious personal injuries or death, never loosen the bolts on wheels with bolted rim rings!



#### **WARNING! (continued)**

- **Never install used tires on your vehicle if you are unsure of how they were used in the past. Used tires and wheels may have damage that cannot be seen that can lead to sudden tire failure and loss of vehicle control.**
- **Tires age even if they are not being used and can fail suddenly, especially at high speeds, causing loss of vehicle control, accidents, serious personal injuries or death!**
- **Tires that are more than 4 years old can be used only in an emergency and then only with special care and at low speed.**

### **Uniform Tire Quality Grading System (UTQG)**

Quality grades can be found on the tire sidewall between the tread, the shoulder and the maximum cross-sectional width.

In addition to these grades, all passenger vehicle tires must also comply with current federal safety requirements.

For example:

- Tread wear (number)
- Traction AA, A, B or C
- Temperature A, B or C

For example: Tread wear 200, Traction AA, Temperature A

#### **Tread wear**

The tread wear grade is a comparative rating based on the wear rate of the tire as determined in specific government tests. For example, a tire with a grade of 150 should wear one and one-half times faster than a tire with a grade of 100.

The relative performance of tires depends upon the actual conditions

of their use and may differ significantly due to variations in driving habits, maintenance, and weather and road conditions.

#### **Traction**

Traction grades from the highest to the lowest are AA, A, B and C. These grades indicate a tire's ability to stop a vehicle on a wet surface, as measured in government tests on specific types of asphalt or terrain.

A tire graded with the letter C offers poor traction (=> ).

#### **Temperature**

Temperature grades, which are A (the highest), B and C, indicate the tire's resistance to heat generation and its ability to dissipate heat when tested under controlled conditions in specific laboratory tests. High temperatures can cause the material of the tire to deteriorate, thus reducing its life. Excessive temperature can lead to sudden tire failure.

The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law (=> ).



#### **WARNING!**

- **The traction grade assigned to a tire is based on straight-line braking traction tests, and does not include acceleration, road holding, hydroplaning or peak traction characteristics.**
- **The temperature grade is calculated for tires that are properly inflated and not overloaded. Excessive speed, under-inflation or excessive loading, either separately or in combination, can cause heat build-up and possible tire failure.**



## International tire labeling

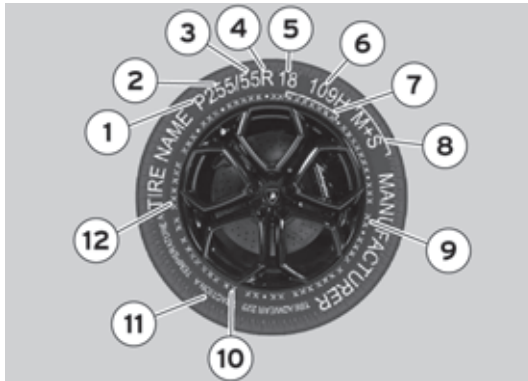


Fig. 168 International tire labeling.

1. Passenger car tire
2. Nominal tire width (in mm)
3. Ratio of height to width (aspect ratio)
4. Radial
5. Rim diameter code
6. Load index and speed rating
7. U.S. DOT tire identification number (TIN)
8. Suitable for severe snow conditions
9. Tire ply composition and materials used

10. Max. load rating
11. Tread wear, traction and temperature
12. Maximum permissible inflation pressure

Knowing about tire specifications makes it easier to choose the correct replacement tires. Radial tires have specifications marked on the sidewall.


Tire labeling (example)	Meaning
Brand, Logo	Manufacturer
Tire name	Manufacturer's designation of individual tire
P 255 / 55 R 18	Dimensions
P	Tire application: Passenger cars
255	Nominal sidewall to sidewall width of tire (in mm)
55	Ratio of height to width (aspect ratio)
18	Rim diameter (in inches)
91 V	Load and speed rating code
XL	Indicates "reinforced" ("heavy-duty") tire
M+S - M/S	Indicates that the tire can be used on mud and snow
S S R , D S S T , Eufonia, RFT, ROF, RSC, ZP	Manufacturer's labeling for Run Flat tires

R A D I A L TUBELESS	Tubeless radial tire
E4	Labeling according to international regulations (E), which includes the number of the approving country. The multi-digit approval number is listed next.
DOT BT RA TY5 1709	Tire Identification Number (TIN - indicates tire serial number, which in some cases is only shown on one sidewall) and date of manufacture
DOT	The tire complies with the requirements of the United States Department of Transportation, responsible for issuing safety standards.
BT	Factory identification letter
TY5	Tire characteristics, as provided by the manufacturer
1709	Date of manufacture: week 17 of 2009
TWI	Indicates the position of tread wear indicator
Made in Germany	Country of manufacture
MAX LOAD 615 KG (1356 LBS)	United States maximum load rating per wheel
MAX INFLATION 350 KPA (51 PSI9)	United States maximum permissible inflation pressure
SIDEWALL 1 PLY RAYON	Ply composition and materials used: 1 layer of rayon

TREAD 4 PLIES 1 RAYON + 2 STEEL + 1 NYLON	Tread composition and materials used: in this example there are 4 layers under the tread: 1 layer of rayon, 2 layers of steel belts and 1 layer of nylon
Consumer information on comparison with specified standard tires (in specific standardized tests)	
TREADWEAR 280	Life expectancy, as determined in US standard tests
TRACTION AA	Traction rating under wet conditions (AA, A, B, or C)
TEMPERATURE A	Temperature stability, as determined in high-speed testing (A, B, or C)
Additional numbers found on the tire may be manufacturer's internal labels or country-specific labels (e.g. for Brazil and China)	

## Replacing tires and wheels

Be sure to purchase replacement radial tires that have the same specifications as the tires approved for your vehicle by Lamborghini. Replacement tires must have the same load rating specification as the original tires.

Since the tires approved by Lamborghini are specially matched to your vehicle and its load limits, they make a positive contribution to its road-holding, driving characteristics and safety. Tires should be replaced in pairs and not individually (both front tires or both rear tires at the same time)(=> .

Install radial tires only of same make, same dimensions (rolling

circumference), speed as well as load rating and similar tread pattern on all four wheels.

Never use tires that are larger or wider than the dimensions of the tires approved by Lamborghini for your vehicle and model. Larger tires could scrape and rub on the vehicle body or other parts of the vehicle. The tire pressure label on the driver's door latch pillar lists the specifications of the original equipment tires installed on your vehicle when it was manufactured.

European Union law requires tire manufacturers to place standardized information on the sidewall of every tire. This information identifies and describes the basic characteristics and quality classification of the tire. An identification number for the tire is also provided, which is used for standard safety certification and in case the tire is recalled.

#### **Tire manufacturing date**

The manufacturing date is also shown on the sidewall (possibly only on the inner side of the wheel): "DOT ... 4503 ..." for example, means that the tire was built on the 45th week of 2003.

#### **Load rating code**

The load rating indicates the maximum permissible load per individual tire in pounds (kg).

<b>Load rating code</b>	<b>Maximum load allowed per tire</b>
91	1,356 lbs
93	1,433 lbs
95	1,521 lbs
97	1,609 lbs
99	1,709 lbs

#### **Speed rating letter code**

The speed rating letter code indicates the maximum permissible road speed of the tire.

<b>Speed rating letter code</b>	<b>Maximum speed allowed</b>
P	up to 90 mph
Q	100 mph
R	110 mph
S	110 mph
T	120 mph
U	120 mph
H	130 mph
V	up to 150 mph (see restrictions)
Z	over 150 mph
W	160 mph
Y	170 mph

#### **U.S. DOT Tire Identification Number (TIN)**

This is the tire serial number. The number, which begins with the acronym "DOT", shows that the tire meets federal standards. The next two numbers or letters indicate the factory where the tire was manufactured.

The last four numbers are the week and year of manufacture. For example, the number 1801 means that the tire was produced in the 18th week of 2001. All the other numbers are marketing codes used by the manufacturer. This information is used to help identify affected consumers if a tire defect requires a recall.

### Tire ply composition and materials used

The number of plies is the number of layers of rubber-coated fabric in the tire. In general, the greater the number of plies, the more weight a tire can support. Tire manufacturers also must indicate the materials in the tire, which include steel, nylon, polyester, and others.

### Maximum load rating

This number shows the maximum load (in kilograms and pounds) that the tire can withstand.

### Maximum permissible inflation pressure

This number is the highest pressure that a tire may be subjected to under normal driving conditions.



#### WARNING!

- **Using incorrect or unsuitable tires and wheels and/or improper combinations of tires and wheels can cause a loss of control, accidents, serious injuries or death!**
- **Always use tires, wheels and wheel bolts that meet the specifications of the original factory-installed tires or other combinations that have been specifically approved by the vehicle manufacturer.**
- **Tires age even if they are not being used and can fail suddenly, especially at high speeds. Never use tires more than 4 years old.**
- **Never mount used tires on your vehicle if you are not sure of their past use. Old used tires may have hidden damage that can lead to sudden tire failure and loss of vehicle control.**
- **Front and rear wheels must be fitted with radial tires of the same type, size and tread pattern. Driving with different tires reduces vehicle handling and can lead to a loss of control.**



#### WARNING! (continued)

- **Never drive faster than the maximum speed allowed for the tires on your vehicle, because tires that are driven faster than their rated speed can fail suddenly.**
- **Temperature grades apply to tires that are properly inflated and not over- or under inflated.**
- **For technical reasons, it is not always possible to use wheels from other vehicles. In some cases, not even wheels from the same model of the vehicle can be used.**



#### Protecting the environment

Dispose of old tires in accordance with local regulations.

### Changing a wheel

*Contact an Authorized Lamborghini Dealer to have a wheel changed.*



#### WARNING!

**See a trained technician with specific equipment for changing a wheel with single wheel nut.**



#### WARNING!

- **Before changing a wheel, you must wait until the brake system has completely cooled down. The high temperatures reached by components in the brake system may cause serious burns.**
- **Always use a lifting platform.**
- **Do not use impact wrenches.**
- **Follow the instructions for mounting wheels (see p. 324).**



### Important!

When changing a wheel, be careful not to scratch or damage the components you are working on.

When changing a wheel, carefully follow the procedure described below, because the wheel may loosen and cause damage. If a wheel is improperly mounted, Automobili Lamborghini S.p.A. shall be in no way responsible.

To apply the required tightening torque (Mounting the wheels: Tightening torque - see p. 325), a properly calibrated torque wrench (readily available on the market) must be used.



Fig. 169 Lifting points.

- Raise the vehicle at the lifting points provided on the chassis (Fig. 169).
- Set the parking brake (see p. 157).
- Loosen/tighten the single nuts only when the wheels are off

the ground.

- Use a commercially available tool to keep the brake pedal depressed.



Fig. 170 Wrench for single-bolt wheels, with tool for removing wheel cover/ releasing lock pin.

- Open the luggage compartment (see p. 313) and get the wrench for single-nut wheels (1 - Fig. 170) from the tool kit.
- From this wrench, pull out the tool (2 - Fig. 170) for removing the wheel hub cover/ releasing the lock pin.

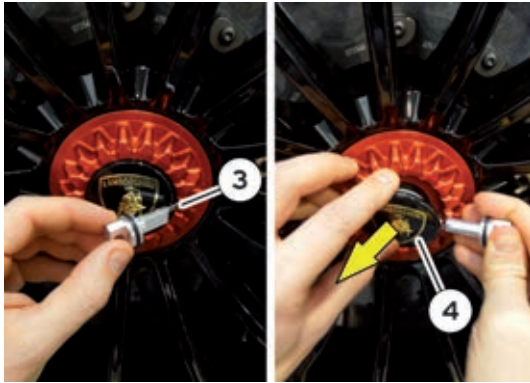


Fig. 171 Removing the wheel cover.

- Insert the curved end of the tool (2 - Fig. 170) into the groove in the single nut (3 - Fig. 171) and pry on the wheel cover until it comes off (4 - Fig. 171).



Fig. 172 Loosening the single bolt.

- Position the wrench (1 - Fig. 170) on the single nut and maintain pressure on it to release the lock pin on the nut.
- Turn the wrench in the direction shown by the arrow (Fig. 172) while making sure that the wrench remains securely installed on the single nut throughout the procedure.
- Unscrew the single nut completely and place it where dirt cannot enter the tapered area or the thread.



**WARNING!**

**A particularly high amount of torque may be required for loosening a single nut that has not been removed for a long time. Make sure enough space is left around the wrench so that persons or parts of the vehicle will not be struck if the lever comes off abruptly.**



**Fig. 173 Removing and mounting a wheel.**

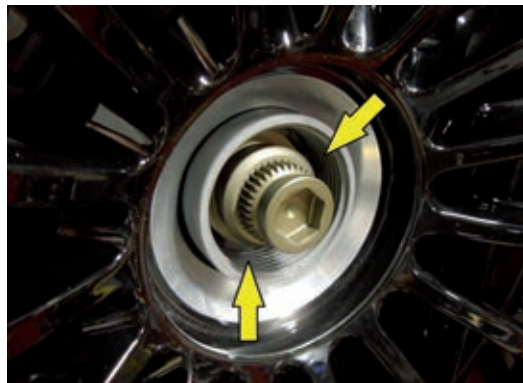
- Use a tire lifter to remove the wheel you are changing and mount the new wheel.



**Important!**

To avoid damaging the brake discs, do not tilt the wheel as it is being removed and mounted.

Before mounting the new wheel, inspect the mounting hardware/components for damage. If you suspect defects, damage or worn parts, have the components replaced at an Authorized Lamborghini Dealer.



**Fig. 174 Thread to be greased on the wheel hub.**

- In order to ensure correct tightening of the single nut, lubricate the thread on the hub (Fig. 174) with CASTROL OPTIMOL PASTE TA or equivalent assembly paste.
- Make sure the other components are clean and free from grease.



**Important!**

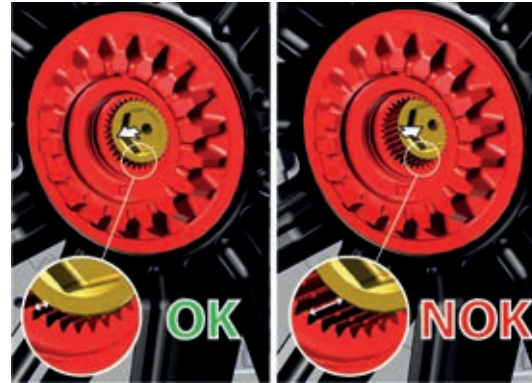
Do not lubricate the thread on the wheel hub with any type of grease or lubricant other than CASTROL OPTIMOL PASTE TA mounting paste or a similar product.



**Fig. 175 Tightening the single bolt.**

### **Tightening**

- Position the wrench (1 - Fig. 170) on the single nut and make sure that the wrench remains securely installed on the nut throughout the tightening procedure.
- Turn the wrench in the direction shown by the arrow (Fig. 175) using an accurate, properly calibrated torque wrench. Pre-tighten to 120 Nm and then tighten to a final torque of 600 Nm (+ 0 to +50 Nm).



**Fig. 176 Position of lock pin.**

- Remove the wrench for single nuts and check the position of the lock pin.
- If the lock pin completely covers the internal teeth on the single nut (OK - Fig. 176), the pin has automatically been wedged into the correct position and the nut is properly fastened.
- If the lock pin remains inside the single nut (NOK - Fig. 176) use the tool (2 - Fig. 170) to complete the fastening procedure.



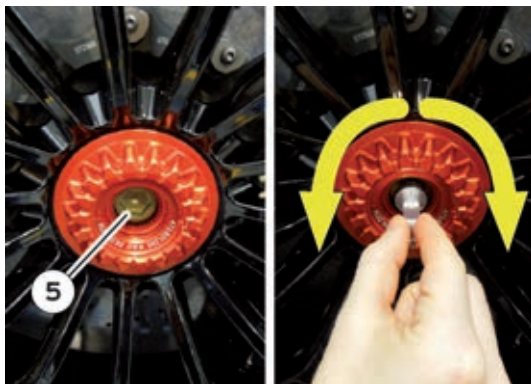


Fig. 177 Positioning the lock pin manually.

- Insert the tool (2 - Fig. 170) into the lock pin (5 - Fig. 177) and turn it clockwise and counter-clockwise until it automatically wedges into the single nut (OK - Fig. 176).



**WARNING!**

**If you are not able to make the locking pin lock onto the single nut, contact an Authorized Lamborghini Dealer. Do not use the vehicle if the locking pin is not locked on the single nut. An accident may occur!**

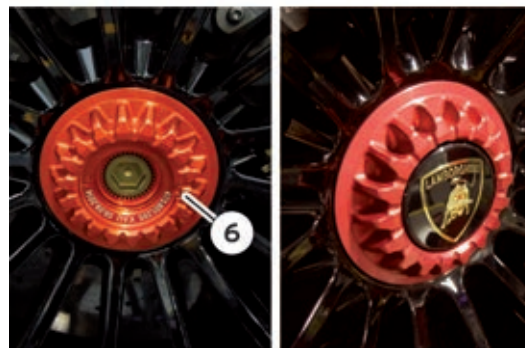


Fig. 178 Installing the wheel cover.

- Insert the wheel cover so that the positioning tab is facing the slot (6 - Fig. 178).
- Press-fit the wheel hub cover onto the single nut.



**Important!**

- Do not drive the vehicle unless the wheel hub cover is correctly fitted. Water and dirt may contact the single nut and prevent it from fastening properly.
- Make sure you have followed the above instructions carefully and correctly before driving the vehicle. Contact an Authorized Lamborghini Dealer if you are unsure of anything.

## **Glossary of tire and load terminology**

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### **Weight of the accessories**

The combined weight (not including standard replaceable devices) of the automatic transmission, power steering, power brakes, power windows, power seats, radio, and heating, as long as these items are installed by the manufacturer (whether they are actually installed or not).

### **Aspect ratio**

The ratio of sidewall height to tire width, expressed as a percentage. A number less than or equal to 70 (0,7:1 or 70%) indicates a low-profile tire with a shorter sidewall for improved steering response and better overall handling on dry pavement.

### **Bead**

The part of the tire made of steel wire which is wrapped in and reinforced by ply cords, and which has a shape and structure that guarantee proper fit of the tire on the rim.

### **Bead separation**

A breakdown of the junction among the components of the bead.

### **Cord**

Strands of material that form the plies of the tire.

### **Cold tire inflation pressure**

The tire pressure recommended by the vehicle manufacturer for a tire of a specified size which has not been driven for more than a couple of miles at low speeds in the three hour period before the tire pressure is measured or adjusted.

### **Empty weight**

The weight of a motor vehicle with standard equipment, including a maximum load of fuel, oil and coolant, air conditioning fluid, and the additional weight of optional equipment.

### **Gross Axle Weight Rating (GAWR)**

The load-carrying capacity of a single axle, as measured where the tire meets the road.

### **Gross Vehicle Weight Rating (GVWR)**

The maximum weight of the vehicle when loaded.

### **Groove**

The space between two adjacent ribs in the tread.

### **Load rating (code)**

The maximum load that a tire is rated to withstand at a given inflation pressure. You may not find this information on all tires because it is not required by law.

### **Maximum load rating**

The load rating for a tire at the maximum inflation pressure allowed for that tire.

### **Maximum loaded vehicle weight**

The total of:

- (a) Empty weight.
- (b) Weight of the accessories.
- (c) Vehicle load capacity.
- (d) Weight of optional equipment.

### **Maximum (permissible) inflation pressure**

The maximum inflation pressure to which a tire may be inflated when cold.

Also called the "maximum inflation pressure".

**Normal occupant weight**

150 lbs multiplied by the number of occupants seated in the vehicle, which may not exceed the total seating capacity of the vehicle.

**External diameter**

The overall diameter of a new, properly inflated tire.

**Total width**

The total width measured between the exterior sidewalls of an inflated tire, including the additional width contributed by labeling, decorations, and protective bands or ribs.

**Ply**

A layer of rubber-coated parallel cords.

**Radial ply tire**

A tire in which the ply cords that extend to the beads are arranged at an angle of approx. 90 degrees with respect to the center line of the tread.

**Recommended inflation pressure**

See (Cold tire inflation pressure - see p. 385).

**Rim**

The outer edge of a wheel, which forms the seat for the tire beads.

**Wheel rim diameter**

Nominal diameter of the surface where the tire bead is seated on the wheel. If you change to wheels of a different diameter, you will have to purchase new tires to match the new wheels.

**Rim width**

The nominal distance between the flanges of the rim.

**Sidewall**

The part of the tire between the bead and the tread.

**Speed rating (letter code)**

A standardized letter code indicating the maximum speed at which a tire is designed to be driven for extended periods. The ratings range from 90 mph ("P") to 190 mph ("Y").

These ratings are listed in the table on p. 348. You may not find this information on all tires because it is not required by law.

The speed rating letter code, when present, is molded into the sidewall.

**Tread**

The portion of a tire that contacts the road.

**Tread separation**

Tire failure caused by the tread pulling away from the carcass.

**Tread wear indicators**

Raised areas inside the tread grooves that visually indicate when tires are worn and must be replaced.

**Uniform Tire Quality Grading (UTQG)**

A tire information system developed by the United States National Highway Traffic Safety Administration (NHTSA). The system is designed to help buyers compare the tires available on the market. The UTQG is not a safety rating, nor is it a guarantee that a tire will last for a certain number of miles or perform in a certain way. It gives tire buyers more information to compare with factors such as price, brand loyalty and dealer recommendations.

In the UTQG system, tires are graded by their manufacturers according to three parameters: tread wear, traction and temperature resistance. The UTQG information is molded into the tire sidewalls.

### **U.S. DOT Tire Identification Number (TIN)**

Tire serial number. This number, which begins with the acronym "DOT" (Department of Transportation), shows that the tire meets federal standards.

The next two numbers or letters indicate the factory where the tire was manufactured. The last four numbers are the week and year of manufacture. For example, the number 1801 means that the tire was produced in the 18th week of 2001. All the other numbers are marketing codes used by the manufacturer. This information is used to help identify affected consumers if a tire defect requires a recall.

### **Vehicle load capacity**

The total rated weight of cargo, luggage and passengers.

### **Maximum tire load**

The load on an individual tire, as calculated by dividing by two the portion of load exerted by the fully loaded vehicle on each axle.

### **Normal tire load**

The load on a single tire, as calculated by dividing by two the portion of empty weight, the weight of the accessories and normal weight of the passengers (two passengers for a vehicle with a maximum capacity of two persons) exerted on each axle.

### **Wheel size designation**

The diameter and width of the rim.

## **Accessories and technical modifications**

### **Accessories and replacement parts**

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*Before purchasing accessories and replacement parts, and before having your vehicle repaired, ask for advice from an Authorized Lamborghini Dealer.*

Your vehicle is designed to offer high standards of active and passive safety.

Before installing accessories or replacing parts, we recommend that you contact an Authorized Lamborghini Dealer.

Authorized Lamborghini Dealers will provide you with advice and information on the operational capability of your vehicle.

It is recommended that you use only original Accessori Originali accessories and original Ricambi Originali replacement parts. At Authorized Lamborghini Dealers, installation will meet the highest professional standards.

Although Lamborghini constantly monitors the market, the company cannot judge or assume responsibility for products from other manufacturers, even when such products have been tested by an officially recognized certification institute, or authorization has been granted by a public authority.

**Any retrofitted equipment** which has a direct effect on driver control (such as cruise control or electronically controlled shock absorbers) must comply with applicable laws in the country you are driving in. Automobili Lamborghini S.p.A. is not responsible if modifications are made that have not been expressly authorized.

**Supplementary electrical equipment** which does not have a direct effect on driver control (such as a refrigerator boxes, laptops and fans) must, and must be approved and certified for use on your vehicle.

This type of equipment may interfere with the proper operation of the electrical system or discharge the battery. Automobili Lamborghini S.p.A. is in no way responsible for any damage or malfunctions caused by the use of such equipment on the vehicle.



#### **WARNING!**

**Never mount accessories on the surfaces covering the airbag units or within the areas where they inflate. Passengers may be injured if the airbag is triggered.**



#### **Important!**

Because of the aluminum/carbon fiber structure of your Lamborghini vehicle, all maintenance and repair work on the body must be done at an Authorized Lamborghini Dealer, in compliance with Lamborghini factory requirements. In addition to perfectly executed repairs and maintenance, only original Ricambi Originali replacement parts will be used. The use of non-original replacement parts and accessories, and the failure to perform repair work to the highest standards of quality, may cause serious indirect damage to the vehicle (such as damage due to corrosion).

Any damage resulting from the failure to comply with the above provisions is excluded from the new vehicle limited warranty and from the manufacturer's liability.

### **Modifications to the vehicle**

*Lamborghini guidelines for technical modifications must be followed.*

Modifications made to electronic components, software, wiring or the data transfer interface may cause problems with the vehicle operation. Since the electronic components are linked together in

networks, malfunctions may occur in systems that are not directly affected by the modifications.

This could seriously undermine vehicle safety, cause excessive wear of certain components, invalidate compliance with emission and safety standards, and lead to revocation of the vehicle's certification.

Authorized Lamborghini Dealers shall not be held responsible for damage caused by work that is not performed to the highest standards of quality.

Authorized Lamborghini Dealers shall not be held responsible for damage caused by work that is not part of the ordinary maintenance regime or the replacement of components with other new components with identical characteristics. Automobili Lamborghini S.p.A. shall not be held responsible for any damage caused by the installation of components, accessories or devices it does not itself provide, authorize or approve. Lamborghini furthermore shall not be held responsible for damages arising from modifications that do not comply with the manufacturer's instructions or, in any case, are not authorized in advance or which do not comply with the laws in force in the country where the vehicle will be used.

We therefore recommend that all work be performed by an Authorized Lamborghini Dealer and that only original Ricambi Originali replacement parts be used.



#### **WARNING!**

- **Any work or changes to the vehicle that were not performed to the highest standards of quality can cause operating problems: an accident may occur!**
- **Any changes to the vehicle's front part may be dangerous to pedestrian safety.**

## Statement of conformance

### Telecommunication or Electronic Systems

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*Important information on the use of RF devices and radio communication systems.*

The manufacturer is not responsible for radio or TV interference caused by unapproved modifications to the system.

#### Devices

The following devices comply with parts **15.19** and **15.21** of **FCC** regulations, and with point 1 of **RSS-Gen** regulation:

- Cell phone kit
- Electronic immobilizer
- HomeLink® Universal remote control.
- Key with remote control
- Tire Pressure Monitoring System

#### Part 15.19 of FCC regulation

The operation of these devices must comply with the following two conditions:

- The device must not cause harmful interference
- The device must handle any type of interference it receives, including interference that could affect its normal operation.

#### Part 15.21 of FCC regulation



#### Important!

- If changes or modifications are not expressly approved by the official in charge of compliance, authorization to use the device may be revoked.

#### Point 1 of RSS-Gen regulation

The operation of these devices must comply with the following two conditions:

- The device must not cause interference.
- The device must handle any type of interference it receives, including interference that could affect its normal operation.

## Periods of disuse

### Useful instructions

---

If the vehicle will not be operated for several months, follow these instructions:

- Store the vehicle in a covered, dry and preferably ventilated area.
- Raise the vehicle off the ground, or, if this is not possible, place a pad of soft material between the tires and the ground.
- Increase the nominal tire pressure indicated in the “Technical Data” section to a value ranging from 14.5 psi to 21.8 psi, and check/restore the pressure regularly.
- Move the vehicle so that the wheels rotate by half a turn at least every two months.
- Charge the battery at a buffer charge rate.
- Do not empty the cooling system.
- Be sure the parking brake is not engaged.
- Remove the windshield wiper blades and dust its rubber parts with talcum powder.
- Leave the windows slightly open.
- Clean painted areas and then protect them by applying a suitable wax coating.
- Cover the vehicle with the flame-resistant covering that is available as an original accessory. If this covering is not available, use sheets of flame-resistant fabric. Never use plastic or waterproof covers.



#### **WARNING!**

**Always make sure the vehicle has cooled down completely before covering it with a protective covering. Fire hazard!**



#### **Important!**

If the vehicle is stored in a damp or poorly ventilated area, mold may grow on the leather upholstery.







**Do it yourself**

## Tool kit and system for emergency tire inflation

### Overview

A tool kit and a system for inflating tires in an emergency can be found in the luggage compartment.



Fig. 179 Location of tool kit in the luggage compartment.

1. On-board tool bags and (TMS) emergency tire repair kit



#### Note

- If the helmet carrier case is in its place, you will have to remove it in order to reach the tool kit.
- The tool bag must be stowed with the Lamborghini logo on the left side of the luggage compartment with respect to the direction of travel and facing upwards (2 - Fig. 179).

### Tools supplied with the vehicle



Fig. 180 Tools supplied with the vehicle.

The tools supplied with the vehicle are contained in two bags located in dedicated compartments in the lining of the luggage compartment (1 - Fig. 179).

The following tools are provided:

- Towing hook
- 13/10 open-end wrench
- Allen wrench
- Flat-tip screwdriver
- Gloves
- Fuse removal tweezers
- Transmission release tool
- Emergency tire repair kit
- Wrench for single-nut wheels, with tool for removing wheel cover/releasing lock pin
- Spare key for opening the engine hood and luggage compartment lid

## Tire Mobility System (TMS)

Applies to vehicles with: Tire Mobility System (TMS)

### General notes and safety information

*A tire repaired with this kit can be used only for a short distance.*



**Fig. 181** Damage that cannot be repaired with the Tire Mobility System (TMS).

Your vehicle is equipped with the Tire Mobility System (TMS).

If you have a flat tire, you can use the Tire Mobility System (TMS) in the luggage compartment. The kit includes tire sealant and an electric compressor.

The Tire Mobility System (TMS) will reliably seal cuts or punctures up to approx. 0.16 in. in diameter. With this repair system, the foreign body must remain in the tire.

The sealant cannot be used for emergency tire repair if:

- The cut or puncture is larger than 0.16 in. (**A**).
- The wheel rim has been damaged (**B**).
- The tire has been damaged by underinflation or is completely flat (**C**).

Correct use of the Tire Mobility System (TMS) kit is described in the section, "How to repair tires".

The Tire Mobility System (TMS) can be used at temperatures down to **-13 °F**.



### Important!

Please note that when the Tire Mobility System - TMS emergency tire repair kit is used, it could falsify the pressure detected by the tire pressure control system or interfere with its operation. For this reason, the sensor in the pressure control system must be replaced after the Tire Mobility System - TMS kit is used. Contact an Authorized Lamborghini Dealer. That is why we recommend using the Tire Mobility System - TMS kit only if absolutely necessary.



### WARNING!

**After the tire has been repaired, be sure to take the following precautions:**

- **Do not exceed 50 mph.**
- **Avoid hard acceleration, abrupt braking and taking curves at high speeds.**
- **Vehicle handling could be impaired.**
- **Tires which have been sealed using the Tire Mobility System (TMS) should be used only to drive carefully to Authorized Lamborghini Dealer.**



#### WARNING! (continued)

- **The TMS kit could falsify the pressure detected by the tire pressure control system or interfere with its operation. Rather than relying on this information, you should therefore check the pressure with an accurate gauge.**
- **The Tire Mobility System (TMS) must NOT be used:**
  - On cuts or punctures larger than 0.16 in..
  - If the wheel rim has been damaged.
  - If the tire has been damaged by underinflation or is completely flat.
- **We recommend going to a tire shop if the damage is so serious that it cannot be repaired with the sealant in the repair kit.**
  - **Do not allow the sealing compound to contact your eyes, skin or clothing.**
  - **If your eyes do come into contact with the sealant, immediately rinse them under running water.**
  - **Immediately remove clothing soiled with the tire sealant.**
  - **Do not inhale the vapors released by the sealant.**
  - **If tire sealant is accidentally swallowed, immediately rinse the mouth thoroughly and drink plenty of water.**
  - **Do not induce vomiting. See a doctor right away!**
  - **If an allergic reaction occurs, get medical help immediately.**
  - **Keep the tire sealant away from children.**



#### Protecting the environment

Empty sealant cans should be disposed of at a specialized facility.



#### Note

- If sealant leaks out of the can, let it dry. The film that forms can be easily removed.
- Check the expiration date on the sealant can. If it has expired, replace it. To replace the sealant in the Tire Mobility System (TMS), see an Authorized Lamborghini Dealer.

#### Preliminary operations

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*What to do before repairing a tire.*

- If you have a flat tire, stop the vehicle as far away from traffic as possible in a safe place on a hard, flat surface.
- Engage the parking brake.
- Shift into neutral (N).
- Switch on the emergency signal. If it is safe to exit the vehicle, place the warning triangle where it can be clearly seen by oncoming traffic.
- Check that you are well away from the road or path of traffic when inspecting or repairing the tire.
- Call the roadside service if the vehicle cannot be inspected safely because of passing cars.
- Check whether the tire can be repaired with the Tire Mobility System (TMS).
- Have your passenger exit the vehicle and make sure she or he is well away from the road and oncoming traffic.
- Remove the sealant can and the electric compressor from the luggage compartment.
- Peel the "max. 50 mph" sticker off the tire sealant can and display it prominently on the instrument panel, making sure not to block your view of the instrument cluster.

**WARNING!**

- If you have a flat tire in the middle of traffic, switch on the emergency signal. Do not exit the vehicle unless it is safe to do so. If it is safe to exit the vehicle, place the warning triangle where it can be clearly seen by oncoming traffic. This will make your vehicle visible to other motorists and help reduce the risk of accidents.
- Always wear a reflective safety vest or jacket when you leave the vehicle to make repairs in a breakdown situation!
- Do not attempt to fix a flat tire when the vehicle is on an incline. Call for assistance.

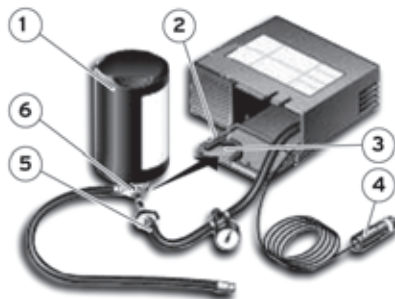
**Note**

Be sure to observe all applicable laws on emergency stopping in the state or country you are driving in.

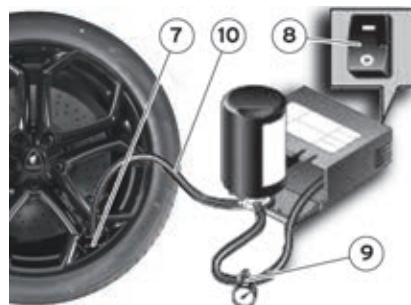
Applies to vehicles with: Tire Mobility System (TMS)

**How to fix a tire**

The following sections contain the procedures to be followed for fixing a tire.



**Fig. 182 Components included in the Tire Mobility System (TMS).**



**Fig. 183 Connecting the Tire Mobility System (TMS).**

**How to prepare the Tire Mobility System (TMS)**

- Open the door (2) on the electric compressor.
- From the compartment on the compressor, remove the connector

(4) and the tube of the compressor (5), including the pressure gauge.

- Screw the tube on the compressor (5) onto the flange (6) on the sealant can (1).
- Insert the sealant can (with flange pointing downwards) into the hole (3) in the door on the compressor.
- Remove the valve cap from the damaged tire.
- Screw the tube (10) onto the valve (7).
- Insert the connector (4) into the cigarette lighter socket.

#### How to inflate the tire

- Move the switch (8) on the compressor to position **I**. After 5 minutes, the pressure in the tire should be at least 26.1 psi.
- Shut off the compressor by moving the switch to position **O**. If the pressure does not reach the required value of at least 26.1 psi, follow the instructions in the paragraph below, "How to re-inflate the tire".

#### How to re-inflate the tire

- Remove the tube from the valve and pull the connector out of the socket.
- Move the vehicle backward and forward around 33 ft to distribute the sealant uniformly.
- Remove the empty can and screw the tube of the compressor (5) directly onto the valve.
- Insert the connector (4) into the cigarette lighter socket.
- Move the switch (8) of the compressor to position **I**. After 5 minutes, the pressure in the tire should be at least 26.1 psi.
- Shut off the compressor by moving the switch to position **O**. If the necessary tire pressure of at least 26.1 psi cannot be reached, the tire cannot be repaired with the sealant. Contact an Authorized Lamborghini Dealer.

#### How to disassemble the Tire Mobility System (TMS)

- Remove the tube from the valve and pull the connector out of the socket.
- Install the valve cap.
- Place the empty sealant can in its original package and fasten it to the support under the luggage compartment tray to prevent leaks.
- Drive off quickly to distribute the sealant uniformly inside the tire. Drive at a relatively slow speed (no faster than 50 mph).



#### WARNING!

- **Carefully read the safety warnings on the compressor and on the can!**
- **If a pressure of 26.1 psi has not been reached after 5 minutes of inflation with the compressor, the tire cannot be repaired with sealant. Do not continue driving.**
- **Go to an Authorized Lamborghini Dealer if the damage cannot be repaired with the sealant in the repair kit.**



#### Important!

To keep the battery from discharging, perform this operation while the engine is running.



#### Note

- To prevent overheating, do not use the TMS compressor continuously for longer than 8 minutes. Wait for the compressor to cool down before using it again.
- If sealant leaks out, let it dry and then peel it off.

Applies to vehicles with: Tire Mobility System (TMS)

## Final check

After you have driven a short distance, the tire pressure must be inspected.

- After approximately 10 minutes, stop in safe location and check the tire pressure using an accurate gauge.
- If the pressure has not dropped below 18.9 psi, inflate the tire to the recommended pressure (as shown on the fuel door). Then, drive to the nearest Authorized Lamborghini Dealer to have the tire and the sealant can replaced.
- If the pressure has dropped below 18.9 psi, the tire is seriously damaged. Do not continue driving. See a qualified tire specialist.



### WARNING!

**If the pressure has dropped below 18.9 psi driving for approximately 10 minutes, the tire is too seriously damaged. Do not continue driving. See a qualified tire specialist. Driving on a damaged tire can result in injury or death!**  
**The TMS kit could falsify the pressure detected by the tire pressure control system or interfere with its operation. Rather than relying on this information, you should therefore check the pressure with an accurate gauge.**



### Important!

If a tire is repaired with sealant in an emergency, the TPMS pressure sensor must be replaced.



### Note

Contact a an Authorized Lamborghini Dealer to have the sealant can replaced.

## Jump starting in an emergency

### Preliminary operations

*In case of emergency, the engine can be started with the battery of another vehicle.*

If the engine fails to start because of a discharged battery, the battery can be connected to the battery of another vehicle using jumper cables.

Make sure both batteries have a nominal voltage of 12 V. The capacity (Ah) of the boosting battery should not be much lower than that of the discharged battery. The technical specifications of the battery can be found on the label affixed to the battery and in the technical data section (see p. 400)

### Accessing the jump start connections

Both connections for jump starting the engine are located behind an access door inside the luggage compartment.



### Note

If the helmet carrier case is in its place, it must be removed in order to reach the battery terminal access door.

### Connect the jumper cables

- Open the door
- Clip one end of the clamp of the positive (red) cable to the positive pole (1 - Fig. 184) and then the other end to the positive pole of the boosting battery
- Clip one end of the clamp of the negative (black) cable to the negative pole of the boosting battery and then the other end to the connection point on the chassis (2 - Fig. 184)



Fig. 184 Connections for the jumper cables.

### Jumper cables

The jumper cables must be rated to carry the current drawn by the starter.

In any case, follow the manufacturer's instructions.

Use only jumper cables with insulated battery clamps:

**The positive cable** is usually red.

**The negative cable** is usually black.



### WARNING!

- **Working on the battery or on the electrical system in your vehicle may cause serious acid burns, fires or electric shock. Always read and heed the appropriate instructions and safety WARNINGS before working on the battery or the electrical system (Battery - see p. 318).**



### WARNING! (continued)

- **Never connect jumper cables to a frozen battery, or one that has been thawed out. Explosions and chemical burns could result! Always replace a battery that has frozen. A discharged battery can freeze at temperatures of around 32 °F.**
- **The discharged battery must be properly connected to the vehicle's electrical system.**
- **Never let the two vehicles touch while connecting jumper cables. The flow of electricity created when the positive terminals are connected could cause sparks which, in turn, may start a fire or cause an explosion, resulting in serious injuries or death!**



### Important!

Do not use devices such as battery boosters. The strong electric shocks this type of equipment can generate may damage the vehicle's electrical system.



### Note

- There must be no contact between the two vehicles, as current could begin to flow as soon as the positive terminals are connected.
- The discharged battery must be connected to the vehicle's electrical system.



## How to start the engine

### Starting the engine

- Start the engine of the vehicle providing the boost and let it idle
- Start the engine of the vehicle with the discharged battery
- If the engine does not start immediately, stop cranking after 5 seconds and crank the engine again after approximately 60 seconds
- Leave the engine running and disconnect the cables. Be sure to follow the cable connection procedure described in the previous section in reverse order

The battery on your vehicle is vented to allow internal gases to escape.



### Important!

Do not make more than 5 attempts to jump start the vehicle. If the vehicle still refuses to start after 5 attempts, contact an Authorized Lamborghini Dealer.



### WARNING!

**Working on the battery or on the electrical system in your vehicle may cause serious acid burns, fires or electric shock. Always read and heed the appropriate instructions and safety WARNINGS before working on the battery or the electrical system (Battery - see p. 318).**

**Improper use of jumper cables when jump starting a vehicle with a dead battery can cause the battery to explode, and serious injuries or death may result! To reduce the risk of the battery exploding:**

- Make sure both batteries have a nominal voltage of 12 V.
- The capacity (Ah) of the boosting battery should not be much lower than that of the discharged battery.



### WARNING! (continued)

- The technical specifications of the battery can be found on the label affixed to the battery and in the technical data section in this Handbook (see p. 400)
- Never connect jumper cables to a frozen battery or to one that has been thawed out. Explosions and chemical burns could result! Always replace a battery that has frozen. A discharged battery can freeze at temperatures of around 32 °F.
- Batteries release explosive hydrogen gas. Keep batteries away from fires, sparks, open flames, and lit cigarettes. Never use a cell phone when connecting or disconnecting jumper cables.
- Never connect the positive terminals (+) to the negative terminals (-), which would short out the battery.
- Be sure to follow the instructions provided by the manufacturer of the jumper cables.
- Never connect the negative cable from the other vehicle directly to the negative terminal of the discharged battery. The hydrogen gas released from the battery may explode.
- Never fasten the negative cable from the vehicle providing the jump to parts of the fuel system, to the brake hoses or to the brake lines of the vehicle.
- Never touch uninsulated areas of the battery terminals. Never allow the jumper cable attached to the positive battery terminal to touch metal parts of the vehicle.
- Never allow uninsulated areas of the clamps on the jumper cables to touch each other. The jumper cable connected to the positive battery terminal must not touch metal parts of the vehicle. If it does, a short circuit will occur.
- To avoid contact with battery acid, do not get too close to the battery!



#### WARNING! (continued)

- Sulfuric acid is highly corrosive. It can burn unprotected skin and cause blindness. Always wear protective gloves and goggles. To reduce your risk of injury, do not bend over the battery and never tilt the batteries, as this could spill acid through the vents and make burn you.
- The screw caps on the battery cells must be tightened down completely.
- Do not let sources of heat (such as an unshielded light bulb or a lit cigarette) get too close to the battery. An explosion may occur!

## Towing the vehicle

### Overview

---

You must check beforehand that using a tow line is permitted in the state or country you are driving in. We urge you to follow the instructions contained in this section. When using a tow line, be careful to proceed exactly as follows.



#### WARNING!

- **Both towing the vehicle and being towed requires particular expertise and some experience. If you do not have these skills, and particularly if the weather and road conditions are difficult, call on a tow truck.**
- **Do not use the tow line if the battery in the vehicle is dead! The vehicle may be damaged!**

#### Information for the driver of the towing vehicle

- Proceed very slowly until the vehicle being towed begins to move, and then begin accelerating
- Press down on the accelerator very cautiously

#### Information for the driver of the vehicle being towed

- Get into the vehicle and buckle your safety belts
- Switch on the instrument cluster to keep the steering wheel from locking and to enable the turn signals, horn and windshield wiper/washer system to be operated
- Start the engine
- Select neutral (**N**) by pulling both paddles behind the steering wheel while pressing the brake pedal at the same time
- Release the parking brake
- Remember that the power brake and power steering operate only

while the engine is running. Considerably more effort is required on the brake pedal and steering wheel when the engine is off

- Make sure the towing vehicle travels at a constant speed and exerts a constant towing force through the towing apparatus



### Important!

If you must shift into neutral but are unable to because the transmission has malfunctioned, the battery is dead or for another reason, release the transmission using the special tool (see p. 374).

### Tow line or tow bar?

It is safer to tow a vehicle with a tow bar. You should use a tow line only if it is legal and if you do not have a tow bar.

The tow line should be elastic to avoid creating excessive stress on both vehicles. You should therefore use a tow line made of synthetic fiber or a similar elastic material.

Attach the tow line or tow bar only to the tow hook provided (Front towing hook -see p. 375).

### Driving while towing a vehicle

Towing requires a certain amount of experience, especially when a tow line is used. Tow drivers should be familiar with the driving techniques required for towing. Inexperienced drivers should not attempt to tow a vehicle.

Do not accelerate too hard or too quickly with the towing vehicle, and make sure that the vehicles are not stressed by excessively abrupt movements. When towing on uneven road surfaces, be very careful not to overload and damage the anchor elements.



### WARNING!

**Never allow anyone to ride in a towed vehicle! A towed vehicle is not safe for passengers.**



### WARNING!

- **Never try to start the engine by towing the vehicle. The towing hook and its attachment point are designed to be used for towing the vehicle, only. They must not be used for any other purpose.**
- **Never use the towing hook and its threaded attachment point to raise the vehicle. The towing hook and the attachment point are not designed to raise the vehicle.**
- **No rear attachment point for the towing hook is provided on the vehicle.**



### WARNING!

**The handling and brake performance of a vehicle are very different when it is being towed. To reduce the risk of crash, be sure to take the following precautions:**

- **The driver of the vehicle being towed must:**
  - **Press the brake pedal considerably harder than normal, because the power brake does not operate when the engine is off.**
  - **Be careful not to collide with the rear end of the towing vehicle.**
  - **Use considerably more force to turn the steering wheel, because the power steering is not active.**
- **The driver of the towing vehicle must:**
  - **Accelerate gradually and gently, and avoid abrupt movements.**
  - **Brake earlier and more gently than usual.**



### Important!

In any case, Lamborghini always recommends using a tow truck.



#### WARNING!

- Always obey the laws in force in the country where the vehicle is being operated.
- Turn on the emergency signal on both vehicles. However, be sure to follow all local laws on lights and flashers.
- The tow line must not be twisted, because the front towing hook may unscrew from the vehicle. An accident may occur!

### Transmission release tool

If you must shift into neutral (N) manually, disengage the transmission.



Fig. 185  
Transmission release tool.



Fig. 186 Accessing the transmission release tool.


- Get the transmission release tool (1 - Fig. 185)
- Remove the mat (2 - Fig 186) and the armrest (3 - Fig. 186) from the storage compartment in the rear part of the center console



Fig. 187 Inserting the transmission release tool.



**Fig. 188** Disengaging the transmission.

- Open the handle on the transmission release tool by rotating it 90° and insert the tool into the transmission (4 - Fig. 187)
- Rotate the handle on the transmission release tool 180° (5 - Fig. 188) to disengage the transmission and shift into neutral manually
- The **N** indicator will appear on the instrument cluster to show that the vehicle is in neutral, and the  warning light will come on. Also, the following message will be displayed:

#### Vehicle may roll! Cannot shift into P. Engage parking brake

- To re-engage the transmission, follow the above procedure in reverse order



#### Important!

If the battery is dead, transmission disengagement and the manual shift into neutral will not be signaled in any way. Be very careful when performing this procedure.

## Front towing hook

The front towing hook must be screwed into the vehicle.



**Fig. 189** Front bumper: protective cover.



**Fig. 190** Front bumper: towing hook installed.



#### Important!

When the towing hook is mounted, the luggage compartment lid must always be closed and locked; otherwise, if the luggage compartment lid opens, it will be irreparably damaged.

The tow hook attachment point is located at the right front of the vehicle.

- Take the towing hook from the tool kit (see p. 364)
- Close and lock the luggage compartment lid (see p. 314)
- Remove the cap at the right front of the component (1 - Fig. 189), while taking care not to damage it
- Screw the towing hook completely down into the thread (Fig. 190)
- After using the towing hook, unscrew it, put it back with the other tools and replace the cap. It is recommended that you keep the hook in the vehicle at all times



#### **WARNING!**

**Make sure that the towing hook is firmly anchored to the threads in the attachment point on the right-hand side at the front of the vehicle; otherwise, the hook could loosen during towing: an accident may occur!**

## **Towing the vehicle**

---

Towing a vehicle requires particular expertise and some experience.

Follow the instructions on towing (see p. 372).

To prevent damage to the mechanical components on the vehicle, it should be towed behind another vehicle only for short distances in case of emergency.

If the vehicle must be towed over long distances, it is advisable to have it transported by a flat bed tow truck.



#### **WARNING!**

- **Heed the warnings on Towing (see p. 372).**
- **Towing the vehicle with any gear engaged (including reverse) may severely damage the transmission and the engine.**
- **Towing the vehicle with the parking brake engaged (ON) may severely damage the brakes, wheels and tires.**
- **Towing the vehicle with the ignition off can cause the steering wheel to lock, which can damage the tires, wheels and suspension.**



#### **Important!**

In any case, Lamborghini always recommend using a tow truck. If a tow truck is used, make sure the entire vehicle can be loaded onto the truck and that the vehicle is NOT towed with the wheels on a single axle lifted off the ground, which would seriously damage the drive system.

## Fuses and light bulbs

### Fuses

#### Changing a fuse

*If a fuse has blown, it must be replaced.*



**Fig. 191** Removing the fuse access panel.



**Fig. 192** Fuse box.

An accessible fusebox which protects certain electrical systems on the vehicle is located under the passenger's footrest.

If a fuse blows, we recommend contacting an Authorized Lamborghini Dealer to have it changed.

If you wish to change the fuse yourself, proceed as follows:

- Switch off the instrument cluster and all the electrical loads affected.
- Remove the mat on the passenger side. Using a screwdriver or a coin, turn the locking screws (1/2 turn is enough) on the fuse panel located between the floor and the glove box on the passenger's side.
- A sticker that shows the position and function of each fuse can be found on the inside of the footrest panel on the passenger side.
- Locate the fuse (which will have a melted metal strip) for the electrical component that is not operating (Fuse connection diagram - see p. 394) and replace it with a new fuse of the same amperage.
- Install the fuse panel cover and replace the mat on the passenger side.

The fuse connection diagram can be found in the "Technical Data" section (see p. 394).

## How to recognize fuses by color

Color	Maximum current rating, in amperes
light brown	5
dark brown	7.5
red	10
blue	15
yellow	20
clear (white)	25
green	30
orange	40



### WARNING!

**Using the wrong fuse (one with a different amperage), trying to repair a fuse, or using another object instead of an appropriated size fuse can cause a fire and serious injuries.**

- **Never attempt to repair a damaged fuse.**
- **Never replace a fuse with one that has a higher ampere rating. Always make sure the replacement fuse has the same ampere rating as the fuse being replaced. Otherwise, a fire could result, or other parts of the electrical system may be damaged.**
- **Never replace a blown fuse with a metal object in order to connect the fuse contacts - not even temporarily.**



### Note

If the new fuse blows again after a short time, the electrical system must be inspected by an Authorized Lamborghini Dealer.

## Lamps and lights

*Your vehicle is equipped with LED lamps and lights.*

Lamps and lights must be replaced by qualified personnel or by an Authorized Lamborghini Dealer.

This is necessary because certain parts of the vehicle must be disassembled to access the bulbs.

For bulb specifications see the section entitled “Technical Data” (p. 398).



## Front lighting systems



Fig. 193 Front lights.

- Front parking lights and/or daytime running lights (DRL)
- Front turn signals
- Low/high beam headlights
- Side turn signals

## Rear lighting systems



Fig. 194 Rear lights.

- Rear parking and brake lights
- Rear turn signals
- Backup lights
- Rear fog light
- Third brake light
- License plate lights

Applies to vehicles with: fire extinguisher

## Fire extinguisher

The extinguisher installed at the factory is secured with a support located on the rear bench behind the right-hand seat.



Fig. 195 Fire extinguisher.

### Removing the fire extinguisher

- Press the button labeled PRESS (1 - Fig. 195 ) and remove the extinguisher from the holder.

### Securing the fire extinguisher

- Place the fire extinguisher in the holder.
- Turn over the hook labeled PRESS so that the anchoring seat at the bottom points upward and the word PRESS is in contact with the extinguisher.
- Insert the retention buckle into the anchoring seat and wedge

the buckle into place.

- Rotate the hook labeled PRESS until it faces upwards.



### WARNING!

**When locking the extinguisher into position, be careful not to crush your fingers between the hook and the extinguisher.**



### WARNING!

**If the extinguisher is not firmly secured, it may be thrown into the passenger compartment in an accident or during abrupt maneuvers or stops, and could cause injuries.**



### WARNING!

- Be sure you know how the fire extinguisher operates before you need to use it.
- After using the fire extinguisher, have it inspected by a specialized dealer.



### Note

- The fire extinguisher must comply with legal requirements.
- Regularly make sure the expiration date of the fire extinguisher has not been exceeded. The fire extinguisher may not operate properly after the expiration date.



## Technical data

## Overview

### Notes on the validity of the technical data

*In many cases, technical data requires further explanation.*

A listing of the technical data for your vehicle begins on p. 384. The section you are reading contains explanations, warnings and restrictions regarding the technical data we have provided.

The spark ignition system of the vehicle complies with Canadian standard ICES-002.



#### Note

Lamborghini reserves the right to make changes in the technical specifications contained in this Owner's Handbook. If discrepancies are found, the data listed on the vehicle's registration documents has priority over any conflicting data.

### Vehicle Identification Number (VIN)



**Fig. 196 Location of VIN.**

The vehicle identification number or VIN (chassis number) is stamped:

1. On the floor on the right-hand side of the passenger compartment. The number can be seen by lifting a small plate in the area facing the right-hand seat.
2. On the front left side of the windshield.
3. On the vehicle compliance plate (see p. 383) located at the bottom of the pillar strip on the left door.

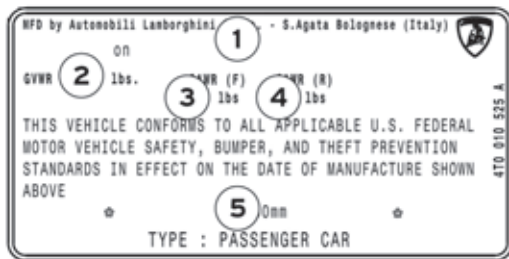
Applies to vehicles with multimedia system

It can also be displayed using the multimedia system:

- Access the Vehicle Settings menu by pressing the button depicting the vehicle
- Select **VIN**

## Manufacturer's label

The manufacturer's label is affixed to the left door pillar strip



**Fig. 197** Manufacturer's identification plate.

The label indicates:

1. The month and year of manufacture
2. The maximum weight allowed for the vehicle
3. The maximum weight allowed on the front axle
4. The maximum weight allowed on the rear axle
5. The vehicle identification number

## Additional information

The principal mechanical assemblies of the vehicle are fitted with identification plates showing the type and the serial number of the assembly in question.

## Features, data and performance

### Dimensions

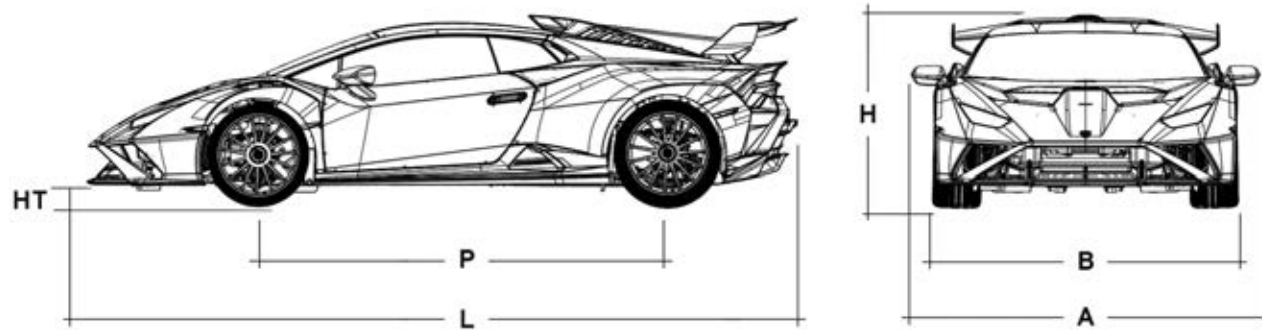


Fig. 198

Length	L	178.7 in.
Width	B	76.44 in.
Width with side view mirrors extended	A	87.87 in.
Wheelbase	P	102.97 in.
Height when empty	H	47.95 in.
Ground clearance, front	HT	4.91 in. $\pm$ 0.12 in.
Ground clearance, rear	HT	4.79 in. $\pm$ 0.12 in.
Angle of incidence, front		7.1 degrees
Angle of incidence, rear		19 degrees
Angle of incidence		11.37 degrees



#### Important!

Be very careful when traveling over broken roads or near the edges of sidewalks, particularly when the vehicle is fully loaded.

## Weights

Maximum total weight allowedGVWR	4409 lbs
Dry weight	2952 lbs
Weight allowed on front axleGAWR	2094 lbs
Weight allowed on rear axleGAWR	2425 lbs

### Dry weight

This value applies to a vehicle without optional equipment, without fluids (gasoline, water, oils, etc.) and without occupants.



#### Note

- All weights apply to vehicles marketed in the EU. The figures for vehicles exported to other countries may be different.
- However, please note that the details contained in the vehicle's registration documents must be assumed to be correct.

## Tires and wheels



### WARNING!

**Before you buy new tires, make sure that they have an "L" marking.**

### BRIDGESTONE Potenza Sport tires

#### Sizes:

Front	245/30 ZR 20 90Y
Rear	305/30 ZR 20 103Y

### Cold inflation pressure:

Normal use:

Front	31.9 psi
Rear	31.9 psi

Normal use when vehicle is fully loaded:

Front	39.2 psi
Rear	39.2 psi

When used at constant speeds exceeding 170 mph:

Front	39.2 psi
Rear	39.2 psi

### BRIDGESTONE Potenza Race tires

#### Sizes:

Front	245/30 ZR 20 90Y
Rear	305/30 ZR 20 103Y

### Cold inflation pressure:

Normal use:

Front	31.9 psi
Rear	31.9 psi

Normal use when vehicle is fully loaded:

Front	39.2 psi
Rear	39.2 psi

When used at constant speeds exceeding 170 mph:

Front	39.2 psi
Rear	39.2 psi

**PIRELLI P SOTTOZERO winter tires:**

**Sizes:**

Front	245/30 R 20 90W M+S
Rear	305/30 R 20 103W M+S

**Cold inflation pressure:**

Normal use:

Front	31.9 psi
Rear	31.9 psi

**Aluminum or magnesium alloy rims:**

Front	8.5"J X 20" ET 32
Rear	11"J x 20" ET 29

## Brakes

---



**Fig. 199**

- With 4 self-ventilating disks with pedal control, hydraulic transmission with 2 independent diagonal circuits (X-diagram) with vacuum power brake.
- ABS anti-lock system and EBD function



### Carbon-ceramic system CCM-R:

	Front brakes:	Rear brakes:
Disk diameter:	15.33 in.	14.15 in.
Disk thickness:	1.34 in.	1.1 in.
Calipers:	with 6 pistons	with 4 pistons

#### Brake disk wear

Minimum thickness	Different for each disk. Value is engraved on disk	
-------------------	--	--

Brake pedal play: from 0.16 in. to 0.47 in..

Electromechanical parking brake on rear wheels.

### Vehicle setup

	Front	Rear
Ground clearance	4.91 in. $\pm$ 0.12 in.	4.79 in. $\pm$ 0.12 in.
Caster	from $+8^{\circ} 00'$ to $+8^{\circ} 30'$	-
Total toe	$+0^{\circ} 20' \pm 2'$	$+0^{\circ} 20' \pm 4'$
Camber	$+1^{\circ} \pm 5'$	$+1^{\circ} 20' \pm 5'$
Tire inflation pressure	31.9 psi	31.9 psi



#### Note

Total toe is the sum of the two individual toe angle readings. Individual toe is half of total toe.

## Chassis

---



Fig. 200

- Hybrid frame, with main structure in carbon fiber integrated with aluminum components

## Body

---



Fig. 201

- Body made of composite materials with carbon fiber, equipped with aluminum doors with reinforcement bars

## Airbags



Fig. 202

- Front airbag on driver side: Dual Stage (1)
- Front airbag on passenger side: Dual Stage and Adaptive (2)
- Side head/torso airbag (3)
- Knee airbag (4)

## Front and rear suspension



Fig. 203

- Front and rear suspension: superimposed four-bar linkages and magnetorheological dampers

## Steering

---

Electro-mechanical assisted power steering (rack and pinion).

No. of turns by steering wheel 2.4  
lock-to-lock

Inside/outside turning radius 13 ft/19 ft

Inside/outside turning radius 12 ft/18 ft  
(RWS)

Axial adjustment 2.36 in. (1.57 in. backwards  
- 0.79 in. forwards)

Angular adjustment 1.96 in. (0.98 in. up - 0.98 in.  
down) (5,2°)



### Note

- With RWS (Rear Wheel Steering), steering parameters vary with vehicle and steering speeds.
- Steering values are calculated based on the distance from curb to curb.

## Engine

---

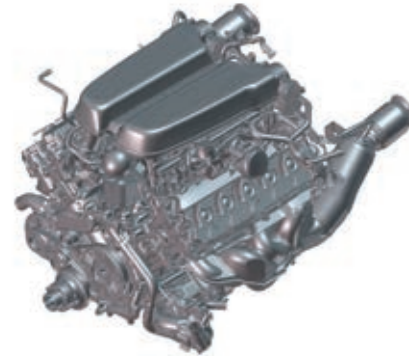


Fig. 204

- Rear-mounted, longitudinally arranged
- Type DGF 10 cylinders in a V (90°) configuration
- Total displacement 5,204 cm<sup>3</sup>
- Compression ratio 12.7:1
- Firing order: 1-6-5-10-2-7-3-8-4-9
- Bore 3.32 in.
- Stroke 3.65 in.
- Maximum power 470 kW (640 CV) at 8,000 rpm
- Maximum torque 565 Nm at 6,500 rpm
- High-pressure fuel injection with direct (FSI) and indirect multipoint (MPI) systems
- Liquid cooling system with water/oil heat exchanger
- Fixed-geometry intake system
- Valve train: 4 chain-driven camshafts, 4 valves per cylinder with continuous, electronically controlled variators on intake and

- exhaust valve timing
- Dry-sump lubrication system
- Fuel: 98 RON unleaded gasoline



#### Note

The type of engine installed in your vehicle is indicated on its registration documents.

The figures for engine power output are determined according to EU standards. The engine identification number is stamped on the engine block

### Performance

Maximum speed	193 mph
Acceleration from 0 to 62 mph	3.0 seconds

#### Performance

These values were determined without using vehicle equipment that reduces performance.

### Electronic engine control system

- Static ignition with single coils (one per spark plug)
- Bosch MED 17 engine management system
- Emission control system with 3-way catalytic converters and oxygen sensors
- Continuous, electronically controlled variators on intake and exhaust valve timing
- Air intake system with 2 electronically controlled throttle bodies

### Gearbox



Fig. 205

- Lamborghini Double Clutch (DCT) type with 7 gears + reverse
- 4 operating modes: STO, TROFEO, PIOGGIA manual and STO Automatic

#### Gear ratios

1 <sup>a</sup> gear	1:3.133
2 <sup>a</sup> gear	1:2.588
3 <sup>a</sup> gear	1:1.958
4 <sup>a</sup> gear	1:1.244
5 <sup>a</sup> gear	1:0.979
6 <sup>a</sup> gear	1:0.976

7 <sup>a</sup> gear	1:0.841
Reverse	1:2.647
Final drive ratio	1:2.48937 (I-IV-V)/1:3.938II-III-VI-VII)

## Clutch

---

- Double clutch
- Oil-bath type, hydraulically actuated

## Transmission

---



Fig. 206

- Mechanical, self-locking rear differential

## ESC

---

- Electronic traction control system
- Stability control program

## Capacity

Fuel tank		approx. 21.13 gal Fuel reserve, approx. 5.28 gal
Reservoir for windshield washer system		approx. 0.5 gal
Engine oil for: normal operation / sports driving / in cold climates (-4 °F / -22 °F)	Longlife Viscosity SAE 0W-30 Approved VW 504 00, VW 507 00 Recommended oil: Shell Helix Ultra Professional AV-L 0W30	1.98 gal
Amount of oil to change when filter is changed		1.98 gal
Oil for gearbox and rear differential	Castrol BOT 342A	Complete fill 2.77 gal
Complete fill	Approved VW TL 766 Z	25.36 oz fl
Engine coolant	Approved VW TL 774-L (product requiring dilution with water before use) 60% water / 40% coolant	5.81 gal
Engine coolant for cold climates	Approved VW TL 774-L (product requiring dilution with water before use) 50% water / 50% coolant	5.81 gal
A/C refrigerant	R1234yf ECOLOGICAL	25.4 oz ± 0.53 oz
A/C lubricant	Denso ND-12 (for fluid R1234yf ECOLOGICAL)	5.07 oz fl ± 0.34 oz fl

To fill up or change any of these fluids, from gearbox oil to A/C lubricant, see a Authorized Lamborghini Dealer.

## Fuse connection diagram

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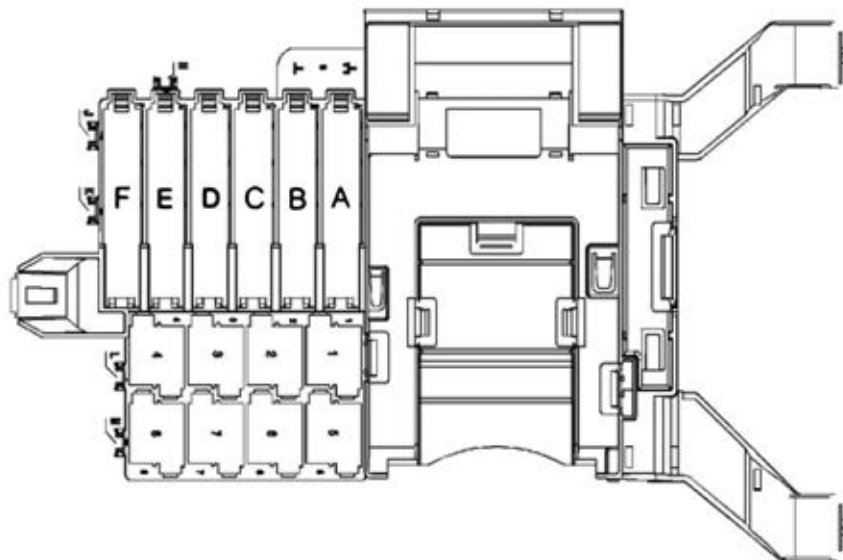


Fig. 207 Position of fuses in the fuse box.



### Fuse holder connector A (Black)

no.	Component connected	Amperage
F1	SMLS	5
F2	EPS, EPB, Haldex, Airbag (PAO)	5
F3	SARA	5
F4	LDS (Dynamic steering)	5
F5	Garage door opening (Homelink)	5
F6	Diagnose connection, AFS ECU	5
F7	Gateway	5
F8	ESP	5
F9	Airbag	5
F10	BCM1 Preas/Air quality sensor	5
F11	Left Headlamp	5
F12	Fan Left Head Lamp	15
F13	Right Head lamp	5
F14	Fan Right Head Lamp	15
F15	Starter	40
F16	Cascade for Engine and BCM2	30

### Fuse holder connector B (Black)

no.	Component connected	Amperage
F1	Not used	-
F2	DC/DC Converter	40
F3	A/C Fan Controller	40
F4	BMC1	40
F5	Inner Mirror (dimming)	5
F6	Not used	-

### Fuse holder connector C (Black)

no.	Component connected	Amperage
F1	Diagnosis connection	10
F2	Not used	-
F3	Gateway	5
F4	Engine Air Pump	15
F5	Not used	-
F6	12V Plug/Lighter	20
F7	Instrument Cluster (Kombi)	5
F8	BMC2	5
F9	BMC2	5
F10	LICU (Main Unit)	30/10
F11	Belt Microphone	5
F12	Lifting System ECU	5

**Fuse holder connector D (Red)**

<b>no.</b>	<b>Component connected</b>	<b>Amperage</b>
F1	Not used	-
F2	Not used	-
F3	SARA	5
F4	Kl.15 Relais	5
F5	Datalogger and Prototype Diag.	10
F6	Premium Sound Amplifier	30
F7	Innerlight	5
F8	Wiper Driver's Side	30
F9	Wiper Passenger's Side	30
F10	Horn Relais	15
F11	SMLS	5
F12	Light Switch (LDS)	5

**Fuse holder connector E (Brown)**

<b>no.</b>	<b>Component connected</b>	<b>Amperage</b>
F1	ESP	10
F2	ESP	20
F3	Clima ECU	10
F4	Car Tracking (STS)	5
F5	Left Door ECU	30
F6	Right Door ECU	30
F7	BMC1	30
F8	BMC1	30
F9	BMC1	30
F10	Antitheft system	5
F11	BMC1	20
F12	Rain/Light Sensor (RLS)	5

### Fuse holder connector F (Black)

no.	Component connected	Amperage
F1	ETC CHINA	5
F2	Not used	-
F3	Not used	-
F4	Not used	-
F5	Not used	-
F6	Not used	-
F7	DL800 Additional ECU	15
F8	LIDU (Display)	7.5
F9	Not used	-
F10	Not used	-
F11	Not used	-
F12	Inner Mirror (dimming)	5



#### Note

- Some of the electrical items listed in the table are available only on certain models or are OPTIONAL equipment available upon request.
- The above table was up to date when this manual went to press and is subject to change. If you notice any inconsistencies between the table and your vehicle, see the sticker on the back of the fuse panel cover to obtain the correct information for the vehicle.
- The power windows and power seats are protected by circuit breakers which reset automatically a few seconds after the overload (such as may be caused by frozen, jammed windows) has been corrected.

## Bulb specifications

---

### ECE version

Bulb	Description	Volts	Watts	Quantity
High and low beam headlights	LED module	12	50 + 20	2+2
Front parking lights and/or daytime running lights (DRL)	LED	12	1 rear and/or 10 DRL	1+1
Brake lights + Turn signals + rear parking lights	LED	13.5	9.24+6+0.74	1+1
Third brake light	LED	13.5	10.1	1
Rear fog light ( ECE version)	P21W	13.5	4.7	1+1
Backup lights	PS19W	13.5	5.4	1+1
Front turn signals	LED	12	21	1+1
License plate lights	C5W	12	1	1+1
Side turn signals (Europe and other markets, only)	LED	12	0.5	1+1

**SAE version**

Bulb	Description	Volts	Watts	Quantity
High and low beam headlights	LED module	12.8	50 + 20	2+2
Parking lights	LED	13.5 (1.35 Parking)	10 (1 Parking)	1+1
Daytime running lightsDRL	LED	12.8	15	1+1
Brake lights + Turn signals + rear parking lights	LED	13.5	9.24+6+0.74	1+1
Third brake light	LED	13.5	10.1	1
Rear fog light	P21W	13.5	4.7	1+1
Backup lights	PS19W	13.5	5.4	1+1
Front turn signals	LED	13.5	27	1+1
License plate lights	C5W	13.5	1	1+1
Side turn signals (only for Europe and other markets)	LED	12	0.5	1+1

**Note**

The above table was up to date when this manual went to press and is subject to change.  
If an LED burns out, see an Authorized Lamborghini Dealer.

## **Battery**

---

Capacity: 92 Ah

Cold cranking power (DIN - VW 75073): 520 A



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