Giulia GTA Giulia GTAm

OWNER HANDBOOK

This Owner Handbook illustrates the operating instructions of the car.

Alfa Romeo provides a dedicated section available in electronic format for
enthusiasts who want insights, curiosities and detailed information about the features and functions of the car.

ONLINE OWNER HANDBOOK

The  symbol appears in the Owner Handbook next to topics for which updates are available.

Go to ***elum.alfaromeo.com.*** website and access your personal area.

The "Maintenance and care" page includes all the information about your vehicle and the link to access *eLUM*, where you will find all the details of the Owner Handbook.

Alternatively, to access this information, go to the Internet website at ***http://aftersales.fiat.com/elum/***.

The *eLUM* website is free and conveniently allows you to browse the on-board documents of all other models of the Group, among many other things.

Have a nice read and happy motoring!

Dear Customer,

We would like to congratulate and thank you for choosing an Alfa Romeo.

We have written this handbook to help you get to know all the features of your car and use it in the best possible way. This car is intended for daily use as well as for specific uses. Please take your time to familiarise with all the dynamic features of your car.

Here you will find information, advice and important warnings regarding use of your vehicle and how to achieve the best performance from the technical features of your Alfa Romeo.

You are advised to read it right through before taking to the road for the first time, to become familiar with the controls and above all with those concerning brakes, steering and transmission; at the same time, you can understand the car behaviour on different road surfaces.

This document also provides a description of special features and tips, as well as essential information for the safe driving, care and maintenance of your Alfa Romeo over time.

After reading it, you are advised to keep the handbook inside the car, for an easy reference and for making sure it remains on board the car should it be sold.

In the attached Warranty Booklet you will also find the description of the Services that Alfa Romeo offers to its customers, the Warranty Certificate and the detail of the terms and conditions for maintaining its validity.

We are confident that these will bring you closer to your new car and make you appreciate the assistance provided by Alfa Romeo team.

Enjoy reading. Happy driving!

ATTENTION

This Owner Handbook describes all car versions. Options, equipment dedicated to specific Markets or versions are not explicitly indicated in the text: as a consequence, you should only consider the information related to the version that you have purchased. Any content introduced throughout the production of the model, outside the specific request of options at the time of purchase, will be identified with the wording *(where provided)*.

The data contained in this publication should be understood as intended to guide you in the correct use of the car.

Alfa Romeo S.p.A. aims at a constant improvement of the vehicles produced. For this reason it reserves the right to make changes to the model described for technical and/or commercial reasons.

For further information, contact a Dedicated Alfa Romeo Dealership.

READ THIS CAREFULLY

REFUELLING

Only refuel with unleaded petrol with octane number (RON) not less than 95, containing max. 10% Ethanol (E10), in compliance with European specification EN228.

For use on the track, to obtain the best performance, only refuel with unleaded petrol with octane number not less than 98, containing max. 5% Ethanol (E5), in compliance with the European specification EN228.

Do not use petrol containing methanol or ethanol E85. Using these mixtures may cause misfiring and driving issues, as well as damage vital components of the supply system.

For further details on the use of the correct fuel see the "Refuelling the car" paragraph in the "Starting and driving" chapter.

STARTING THE ENGINE

Make sure that the electric parking brake is engaged and that the transmission is in P (Park) or N (Neutral), press the brake pedal and then press the ignition device button.

PARKING ON FLAMMABLE MATERIAL

The catalytic converter develops high temperatures during operation. Do not park the car on grass, dry leaves, pine needles or other flammable material: fire hazard.

RESPECTING THE ENVIRONMENT

The car is fitted with a system that carries out a continuous diagnosis of the emission-related components in order to help protect the environment.

ELECTRICAL ACCESSORIES

If, after buying the vehicle, you decide to add electrical accessories (with the risk of gradually draining the battery), contact a Dedicated Alfa Romeo Dealership. They can calculate the overall electrical requirement and check that the vehicle's electric system can support the required load.

SCHEDULED SERVICING

Correct maintenance of the car is essential for ensuring that it maintains its performance and its safety features, its environmental friendliness and low running costs for a long time to come.

WASHING THE CAR IN A ROLLER AUTOMATIC CAR-WASH

The car should never be washed in an automatic roller and/or big brush car wash. Wash the car by hand only, using pH-neutral detergents.
For more details about washing the car, refer to the “Preserving the Bodywork” section of the “Maintenance and Care” chapter.

"CYBERSECURITY" DEVICES

The car is equipped with security devices developed according to the technological standards currently applied in the automotive industry to protect the onboard electronic systems from hacking attempts. The purpose of these security devices is to minimise the risk of cyber-attacks or the installation of viruses or malware which could compromise the performance of the car and/or allow stealing of personal data of the buyers and/or users and/or unauthorised dissemination of said information.

The car's purchaser must not remove, modify or tamper with these anti-hacking security devices. The Manufacturer will therefore not be liable for negative consequences and/or damage to the vehicle and/or to the buyer and/or to third parties deriving from the removal, modification or alteration of the security devices performed by the car's purchaser and/or user.

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be understood as regarding an occupant in the driver's seat. Special cases not complying with this rule will be specified as appropriate in the text.

The figures in the Owner Handbook are provided by way of example only: this might imply that some details of the image do not correspond to the actual arrangement of your car. In addition, the Handbook has been conceived considering vehicles with steering wheel on the left side; it is therefore possible that on vehicles with steering wheel on the right side, the position or construction of some controls is not exactly mirror-like with respect to the figure.

To identify the chapter with the information needed you can consult the index at the end of this Owner Handbook.

Chapters can be rapidly identified with dedicated graphic tabs, at the side of each odd page. A few pages further there is a key for getting to know the chapter order and the relevant symbols in the tabs. There is in any case a textual indication of the current chapter at the side of each even page.

WARNINGS AND PRECAUTIONS

While reading this Owner Handbook you will find a series of **WARNINGS** to prevent procedures that could damage your vehicle.

There are also **PRECAUTIONS** that must be carefully followed to prevent incorrect use of the components of the car, which could cause accidents or injuries.

Therefore all **WARNINGS** and **PRECAUTIONS** must always be carefully followed.

WARNINGS and **PRECAUTIONS** are recalled in the text with the following symbols:

 personal safety;

 vehicle safety;

 environmental protection.

NOTE These symbols, when necessary, are indicated besides the title or at the end of the line and are followed by a number.

That number recalls the corresponding warning at the end of the relevant section.

SYMBOLS

Some car components have coloured labels whose symbols indicate precautions to be observed when using this component. See below for a brief description of each symbol summarising the contents herein. Always take great care to all warnings herein.

READ THE USER'S MANUAL

DO NOT TOUCH WITH HANDS

IT CAN START AUTOMATICALLY ALSO WITH ENGINE OFF

PROTECT YOUR EYES

DO NOT OPEN THE CAP WHEN THE ENGINE IS HOT

DO NOT OPEN: HIGH PRESSURE GAS

KEEP CHILDREN AT A DISTANCE

BURSTING

MOVING PARTS KEEP PARTS OF YOUR BODY AND CLOTHES AWAY

DO NOT APPROACH FLAMES

CORROSIVE LIQUID

HIGH VOLTAGE

CHANGES/ALTERATIONS TO THE CAR

WARNING Any change or alteration of the car might seriously affect its safety and road holding, thus causing accidents, in which the occupants could even be fatally injured.

ABC

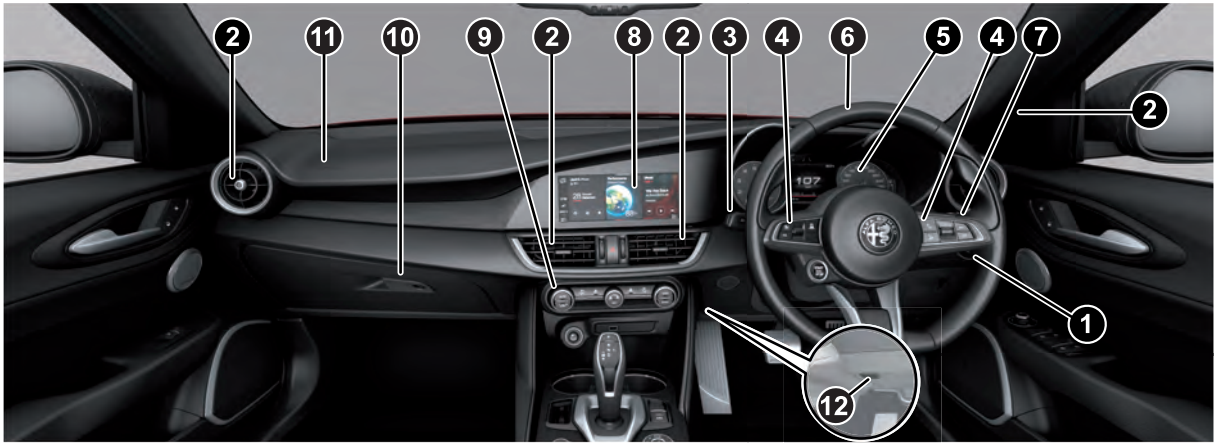
In-depth knowledge of your new vehicle starts here.
The handbook you are reading will tell you how things are done, and how it works in a simple, direct way.
That's why we advise you to read it seated comfortably on board, so that you can see immediately what is described here for yourself.

KNOWING YOUR VEHICLE

DASHBOARD

I 03046S0702EM

1. Light switch / 2. Air vents / 3. Left stalk / 4. Controls on the steering wheel / 5. Instrument panel / 6. Steering wheel / 7. Right stalk / 8. Connect / 9. Automatic dual-zone climate control system / 10. Glove compartment / 11. Passenger airbag /



2 03036S0027EM

1. Light switch / 2. Air vents / 3. Left stalk / 4. Controls on the steering wheel / 5. Instrument panel / 6. Steering wheel / 7. Right stalk / 8. Connect / 9. Automatic dual-zone climate control system / 10. Glove compartment / 11. Passenger airbag / 12. Bonnet opening lever /

THE KEYS

eLUM

ELECTRONIC KEY

1) 1) 1)

The vehicle is equipped with an electronic key with a Keyless Start function fig. 3, provided in duplicate.

3 04016S0010EM

Briefly press the button: unlocking of doors and boot, timed switching-on of interior courtesy lights and single flashing of direction indicators (if activated from the Connect system).

Briefly press the button: locking of doors and boot, timed switching-off of interior courtesy light and double flashing of direction indicators (if activated from Connect system).

Rapidly press the x2 button twice to open the luggage compartment remotely.

Automatic window opening/closing function

(where provided)

Prolonged pressing of button : open all windows.

Prolonged pressing of button : close all windows.

WARNING GTAm versions are fitted fixed rear windows in Lexan® polycarbonate.

REQUEST FOR ADDITIONAL KEYS

If you need a new electronic key, go to a Dedicated Alfa Romeo Dealership, taking an ID document and the car ownership documents.

WARNING

1) *Do not swallow the battery. Danger of chemical burns. The keys contain a small battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and cause death. Keep new and used batteries out of the reach of children. If the battery compartment does not close securely, discontinue use of the product and keep it out of reach of children. If you believe that batteries may have been swallowed or inserted inside the body, seek medical attention immediately. The emergency key (where provided) must be immediately inserted into the electronic key to prevent easy access to the battery.*

IMPORTANT

1) *The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key, it should never be exposed to direct sunlight.*

IMPORTANT

1) *Used batteries may be harmful to the environment if not disposed of correctly. They must be disposed of as specified by law in the special containers or taken to a Dedicated Alfa Romeo Dealership, which will take care of their disposal.*

IGNITION DEVICE

eLUM

OPERATION

2) 3) 4) 5) 6)

To activate the ignition device fig. 4 the electronic key must be inside the passenger compartment.

4 04026S0020EM

The ignition device has the following possible states:

❒ STOP: engine off, steering locked. Some electrical devices (e.g. central door locking system, alarm, etc.) are still available;

❒ ON (single button press): all electrical devices are available. This state can be selected by pressing the ignition device button once, without pressing the brake pedal;

❒ AVV: engine starting. This state can be selected by pressing the ignition device button once and pressing the brake pedal.

NOTE With the ignition device ON, if 30 minutes pass with P (Park) mode engaged and the engine stopped, the ignition device will automatically move to the STOP position.

NOTE With the engine running, it is possible to go away from the car taking the electronic key with you. The engine will still be running. The car will indicate the absence of the key on board when the door is closed.

For more information on the engine start-up, see the description in the "Starting the engine" paragraph, in the "Starting and driving" chapter.

WARNING If the battery was disconnected, do not start the engine immediately after reconnecting the terminals, but press the start button, without operating the pedals, to turn on the instrument panel and then start the engine.

The symbol on the instrument panel will remain on, indicating that the steering must be initialised. To do this, turn the steering wheel from one end to the other and bring it back to the centre position within 30 seconds from starting the engine. If any red warning lights on the instrument panel remain lit, stop the engine, wait for at least 5 seconds and repeat the starting procedure described above.

STARTING WITH FLAT KEY BATTERY

If the remote control battery is flat, proceed as follows to start the car:

❒ lift the front armrest;

❒ lay the key on the indicated spot, respecting the position shown in fig. 5.

5 04026S0995EM

STEERING COLUMN LOCK

(where provided)

Activation

The steering lock is engaged when the driver door is opened with the ignition device button at STOP.

Deactivation

The steering lock disengages when the ignition device is pressed and the electronic key is recognised.

WARNING

2) *Always take the key with you when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the electric parking brake. Never leave children unattended in the car.*

3) *It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications*

(e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause SERIOUS SAFETY PROBLEMS and also result in the car not meeting type-approval requirements.

4) *Before leaving the car, ALWAYS engage the parking brake. On versions equipped with automatic transmission, activate mode P (Park) and press the ignition device to set it to STOP. When leaving the car, always lock all the doors by pressing the button on the handle.*

5) *For versions equipped with the Keyless Start system, do not leave the electronic key inside or near the car or in a place accessible to children. Do not leave the car with the ignition device in ON position. A child could activate the electric window winders, other controls or even start the car.*

6) *If the ignition device has been tampered with (e.g. an attempted theft), have it checked over by a Dedicated Alfa Romeo Dealership before driving again.*

ENGINE IMMOBILIZER

eLUM

The Engine Immobilizer system prevents unauthorised use of the vehicle preventing to start the engine.

The system does not need to be enabled/activated: operation is automatic, regardless of the fact that the car's doors are locked or unlocked.

When the ignition device is set to ON, the Engine Immobilizer system identifies the code transmitted by the key. If the code is recognised as valid, the Engine Immobilizer system enables engine starting.

When the ignition device is brought back to STOP, the Engine Immobilizer system deactivates the control unit controlling the engine, thus preventing its starting.

For the correct engine starting procedures, see the instructions in the "Starting the engine" paragraph, "Starting and driving" chapter.

Irregular operation

If, during starting, the key code is not correctly recognised, the icon is displayed on the instrument panel (see the instructions in the "Warning lights and messages" paragraph, "Knowing the instrument panel" chapter). This condition leads to the engine switching off after 2 seconds. In this case, bring the ignition device to STOP and then to ON; if it is still blocked, try with the other keys provided. If it is still not possible to start the engine, contact a Dedicated Alfa Romeo Dealership.

If the icon is displayed while driving, this means that the system is running a self-diagnosis (e.g. due to a voltage drop). If the display persists, contact a Dedicated Alfa Romeo Dealership.

ALARM

(where provided)

eLUM

Activation of the alarm triggers the horn and the direction indicators.

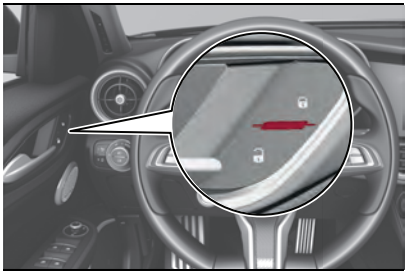
WARNING The alarm is adapted to meet requirements in various countries.

TURNING THE ALARM ON

With the doors, bonnet and boot closed and the ignition device turned to STOP, point the electronic key towards the car and press and release button .

Except on some versions for specific markets, the system produces a visual and acoustic warning and enables door locking.

With the alarm engaged, the warning lights on the panels of the front door handles flash fig. 6.



6 04026S0021EM

TURNING THE ALARM OFF

Press the button.

WARNING The alarm does not switch off when the central opening is activated using the metal insert in the key.

DISARMING THE ALARM

To completely deactivate the alarm (e.g. during a long period of car inactivity), close the doors by turning the metal insert of the key with remote control in the door lock.

DOORS

eLUM

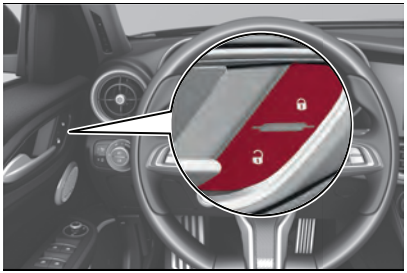
LOCKING / UNLOCKING CENTRALISED DOORS FROM THE INSIDE

If all doors are closed properly, they will automatically be locked once the vehicle has exceeded about 20 km/h (or equivalent speed in mph) ("Auto relock" function active).

Press button on the driver side door panel trim fig. 7 or on the passenger side or on the rear doors (where provided) to unlock the doors.

With the doors locked, press the button on the front door panel trims to unlock them.

NOTE The rear doors cannot be opened from the inside on GTAm versions.



7 04206S0022EM

LOCKING / UNLOCKING CENTRALISED DOORS FROM THE OUTSIDE

Locking from the outside

With the doors closed, press the button on the key.

The door lock can anyway be activated with all doors locked and the luggage compartment open. When button on the key is pressed, all locks are closed, including the lock of the open boot. The latter will be locked when it is closed.

2)

Door unlocking from the outside

Press the button on the key.

Locking / unlocking doors from the outside in an emergency

If the battery is flat or the remote control is faulty, you can lock/unlock the doors from the outside by inserting and rotating the metal insert (available inside the remote control) in the lock of the driver side door.

PASSIVE ENTRY

3)

The Passive Entry system can identify the presence of an electronic key near the doors and the luggage compartment.

The system enables the doors (or the luggage compartment) to be locked/released without pressing any button on the electronic key.

The key is detected only after the system recognises the presence of a hand in one of the front handles. If the detected key is valid, the doors and the luggage compartment are unlocked (the elements that open depend on the Connect system settings).

Where the function is provided, grasping the handle of the driver's door unlocks the driver's door only, or all the doors, depending on the mode set in the Connect system.

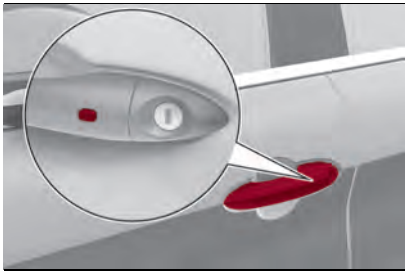
WARNING If wearing gloves, or if it has rained and the door handle is wet, the activation sensitivity of the Passive Entry function may be reduced, resulting in a longer reaction time.

Door locking

To lock the doors, proceed as follows:

❒ make sure that you have the electronic key and are close to the driver or passenger side door handle;

❒ press the "door locking" button fig. 8 located on the handle or the fig. 9 button on the boot near the open button: this will lock all doors and the boot. Locking the doors will also activate the alarm (where provided).



8 04056S0003EM

9 04056S0009EM

WARNING After pressing the "door locking" button, you need to wait two seconds before the doors can be unlocked again using the door handle. It is therefore possible to check whether the car is locked correctly by pulling the door handle within 2 seconds. The doors will not be unlocked again.

The car doors and luggage compartment can anyway be locked pressing button on the electronic key or on the inner door panel.

Driver side door emergency opening

If the electronic key does not work, e.g. because its battery is flat or the car battery is flat, the emergency metal insert inside the key can anyway be used to operate the lock, unlocking the driver side door.

To extract the metal insert, proceed as follows:

❒ press in the points shown fig. 10 and slide the cover off downwards;

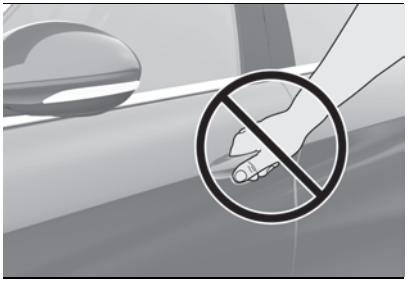
❒ remove the key insert from its housing fig. 11;

❒ insert the metal insert in the driver side door lock and turn it to unlock the door.

10 04016S0002EM

11 04016S0003EM

When pulling the handle, do not press the door lock/unlock button on the handle fig. 12.



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POWER LOCK DEVICE

(where provided)

7)

This safety device inhibits the operation of the interior door handles and the door locking/unlocking button.

It thereby prevents the opening of the doors from inside the passenger compartment, serving as an obstacle to break-in attempts (e.g. broken window).

We recommend that you activate the device each time you park your car.

Activating the device

The device is enabled on all the doors by pressing the button on the key twice quickly.

The direction indicators flash 3 times to let you know that the device is active.

If one or more of the doors are not closed correctly, the device will not activate, thus preventing a person from getting stuck inside the passenger compartment by entering the car through, and then closing, the open door.

Deactivating the device

The device disengages automatically:

- when the doors are unlocked (pressing button on the key with remote control);
- when the ignition device is set to ON.

CHILD SAFETY DEVICE

(GTA versions only)

8) 9)

This system prevents the rear doors from being opened from the inside.

This device fig. 13 can be engaged only with the doors open:

- position : device engaged (door locked);
- position : device not engaged (door may be opened from the inside).

The device remains engaged even if the doors are electrically unlocked.

WARNING The rear doors cannot be opened from the inside when the child safety device is engaged.

13 04056S0007EM

UNLOCKING THE DOORS WITH A FLAT BATTERY

Proceed as follows to unlock the doors if the car battery is flat.

Rear doors and passenger door

Proceed as follows:

- insert the metal insert of the electronic key in the release device housing fig. 14;
- turn the key clockwise for the right door locks or anticlockwise for the left door locks;

❒ remove the key from the housing.

14 04056S0008EM

Proceed in one of the following ways to realign the door lock device (only when the battery charge has been restored):

❒ press the button on the electronic key;

❒ press the button on the door panel;

❒ open by inserting the key insert in the driver's door lock;

❒ operate the internal door handle.

WARNING For the rear doors, if the child lock device was engaged and the previously described locking procedure carried out, operating the internal door opening device will not open the doors but will only realign the lock release device. To open the door, pull the external handle. The door central locking/unlocking buttons are not deactivated when the emergency lock is engaged.

WARNING

7) *Once the Power Lock system is engaged, it is impossible to open the doors from inside the car. Before getting out of the car, please therefore check that there is no-one left inside.*

8) *NEVER leave children unattended inside the car, let alone leave the car with the doors unlocked in a place that children can access easily. Children may seriously, or even fatally, injure themselves. Also ensure that children do not inadvertently operate the electric parking brake, the brake pedal or the transmission lever.*

9) *Always use this device when carrying children. After engaging the device on both rear doors (for GTA versions only), check that it is actually engaged by trying to open a door with the internal handle.*

IMPORTANT

2) *Make sure to take the key with you once a door or the boot is locked, to prevent forgetting the key inside the car. If the key is locked inside, it can only be retrieved by using the second key provided.*

3) *The operation of the recognition system depends on various factors, such as, for example, any electromagnetic wave interference from external sources (e.g. mobile phones), the charge of the battery in the electronic key and the presence of metal objects near the key or the car. In these cases it is still possible to unlock the doors by using the metal insert in the electronic key (see description on the following pages).*

SEATS

eLUM

SPARCO CARBONSHELL SPORT FRONT SEATS

(GTA versions)

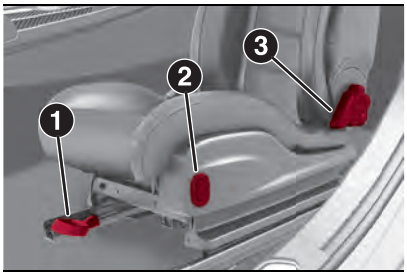
The car is fitted with Sparco Carbonshell Sport front seats with integral head restraint.

Longitudinal adjustment

10)

Lift lever (1) fig. 15 and push the seat forwards or backwards.

WARNING Make adjustments while sitting in the seat you want to adjust (driver side or passenger side). Driver seat adjustment must also be carried out remembering that, keeping the shoulders resting firmly against the backrest, the wrists must be able to reach the top of the steering wheel rim. It must also be possible to fully press the brake pedal with the left foot.



15 04066S0022EM

Height adjustment

Press the button (2)fig. 15 up or down until the required height is reached.

Backrest angle adjustment

Use lever (3)fig. 15 to adjust the backrest angle, accompanying it with the movement of the torso (operate the lever until the desired position is reached, then release it).

SABELT CARBONSHELL SPORT FRONT SEATS

(GTAm versions)

The car is fitted with Sabelt Carbonshell Sport front seats fig. 16 with integral head restraint.

16 04306S0066EM

Longitudinal adjustment

10)

Lift lever (1) fig. 16 and push the seat forwards or backwards.

WARNING Make adjustments while sitting in the seat you want to adjust (driver side or passenger side). Driver seat adjustment must also be carried out remembering that, keeping the shoulders resting firmly against the backrest, the wrists must be able to reach the top of the steering wheel rim. It must also be possible to fully press the brake pedal with the left foot.

Height adjustment

The height of the seat is adjusted according to your height when you purchase the car.

Backrest angle adjustment

Seat inclination is adjusted when the vehicle is purchased.

NOTE If further adjustments are required after purchase of the car, contact the Dedicated Alfa Romeo Dealership.

REAR SEATS

(GTA versions only)

11)

The rear seats are able to accommodate three passengers fig. 17.

The seats and the seat belts are considered as components of the protection system for the vehicle's occupants.

17 04066S0100EM

WARNING Refer to the "Passenger protection systems" paragraph in the "Safety" chapter for the positioning of the seat belts.

SPLIT FOLDING REAR SEAT

(GTA versions only)

The luggage compartment can be partially (1/3 or 2/3) or totally extended by splitting the rear seat.

Partial extension of the luggage compartment (1/3 or 2/3)

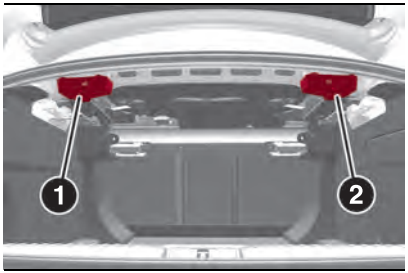
Extending the right side of the boot allows you to carry two passengers on the left part of the rear seat, while extending the left side allows you to carry one passenger.

Proceed as follows:

❒ completely lower the rear seat head restraints;

❒ place the seat belt so that it doesn't impede the movement of the backrest while tilting it;

❒ operate lever (1) fig. 18 to tilt the left part or lever (2) to tilt the right part of the backrest: it will automatically tilt forward. If necessary, accompany the backrest during the initial stage of tilting.



18 040665S0009EM

Repositioning seat backrests

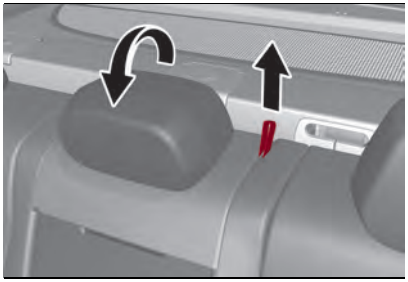
Move the seatbelts to the side, making sure that they are correctly extended and not twisted and that they are not trapped behind the backrests of the seats, then lift the backrests pushing them back until you hear the locking click on both attachment mechanisms.

12)

Central backrest section tilting

Before tilting the backrest, make sure that the rear central seat belt is not fastened and that there are no objects in the central part of the cushion (if there are any, remove them).

Using the fig. 19 strap, release the central part of the backrest from its housing and tilt it using the head restraint.



19 040665S0008EM

Central backrest section repositioning

Using the head restraint, lift the central portion upwards, accompanying it during its movement, lightly press to make sure that it is properly attached.

Make sure that the armrest is properly attached by trying to move it, if it is not attached, repeat the operation.

4)

WARNING

10) *After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If the seat is not locked into place, it may unexpectedly slide and cause the driver to lose control of the car.*

11) *Always make sure that all those on board the car are seated and are wearing their seat belts correctly.*

12) Make sure the backrests are properly secured at both sides to prevent them from moving forward, in the event of sharp braking, with possible impact with of the passengers.

IMPORTANT

4) Before tilting the backrest, remove any objects on the seat cushion.

HEAD RESTRAINTS

FRONT HEAD RESTRAINTS

The front seat head restraints are integral in the seats.

REAR HEAD RESTRAINTS

(GTA versions only)

Adjustments

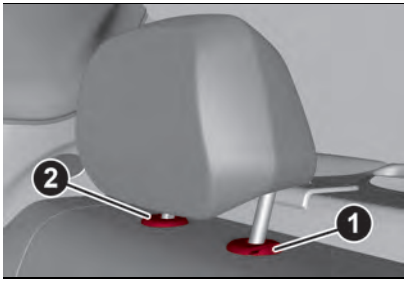
13)

The height of the side seat head restraints can be adjusted.

The head restraint of the central seat, where provided, is only removable.

Upwards adjustment: raise the head restraint until it clicks into place.

Downward adjustment: press button (1) fig. 20 and lower the head restraint.



20 04076S0002EM

WARNING To permit maximum visibility for the driver, if the head restraints are not used, they are moved to the rest position: fully down.

Removal

Proceed as follows to remove the head restraints:

❒ raise the head restraints to their maximum height;

❒ press button (1) and (2)fig. 20 at the side of the two supports, then remove the head restraints by pulling them upwards.

WARNING Always re-position the rear head restraints if they had been removed before starting to drive normally.

Re-fit the rods of the head restraints in their housings, holding buttons (1) and (2)fig. 20 pressed.

Then, re-position the head restraints according to your needs.

WARNING

13) Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case they can protect your head correctly. Any removed head restraints must be repositioned correctly, in order to protect the occupants in the event of a collision: follow the instructions above.

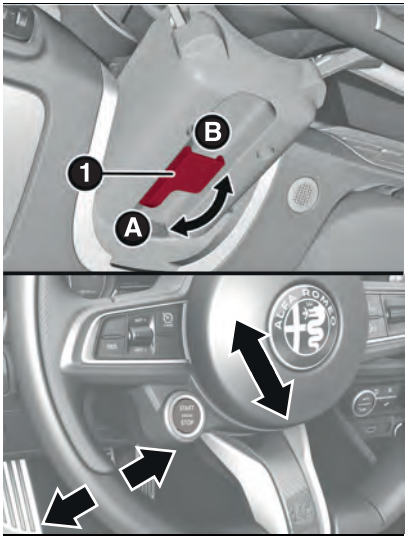
STEERING WHEEL

14) 15)

ADJUSTMENTS

The steering wheel can be adjusted both in height and in depth.

To carry out the adjustment move the lever (1) fig. 21 downwards in position (A), then adjust the steering wheel to the most suitable position and then lock it in this position moving the lever (1) again in position (B).



21 04086S0005EM

WARNING

14) *All adjustments must be carried out only with the car stationary and engine off.*

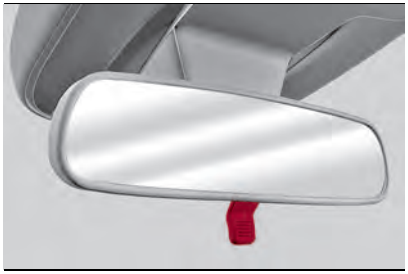
15) *It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause SERIOUS SAFETY PROBLEMS and also result in the car not meeting type-approval requirements.*

REAR-VIEW MIRRORS

INTERIOR MIRROR

Operate lever fig. 22 to adjust the mirror into two different positions: normal or anti-glare.

The mirror is fitted with a safety device that causes its release in the event of a violent impact with the passenger.



22 04106S0001EM

ELECTROCHROMIC REAR-VIEW MIRROR

(where provided)

An automatic anti-glare device is fitted on some versions, which automatically modifies its reflecting properties to prevent dazzling the driver fig. 23.

The automatic anti-glare device has an ON/OFF button to activate/deactivate the electrochromic anti-glaring function.

23 04106S0002EM

DOOR MIRRORS

Electric adjustment

The mirrors can only be adjusted with the ignition device at ON.

Select the desired mirror using device (1) fig. 24:

❒ device in position (A): left mirror selected;

❒ device in position (B): right mirror selected.

24 04106S0004EM

16)

To adjust the selected mirror, use device (1) in the four directions.

WARNING Once adjustment is complete, rotate device (1) to position (D) to prevent accidental movements.

Manual folding

To fold the mirrors move them from the open position to the closed position fig. 25.

25 04106S0005EM

Electric folding

(where provided)

With the device (1) in position (D) move it to position (C) fig. 24. Turn the device (1) again to position (C) to return the mirrors to the driving position. If the device (1) is pressed again during door mirror folding (from closed to open position and vice versa), their movement direction is reversed.

Automatic activation

Activating the central door locking system from outside the car automatically folds the mirrors, they return to the driving position when the ignition device is turned to the ON position. If the door mirrors were folded in using device (1), they can only be returned to the driving position by means of a new command on the same device.

Activation/deactivation of the function

The electric mirror folding function can be activated/deactivated using the Connect system menu (the default setting of the function is "Off"). Alternatively, you can choose to open/close the mirrors automatically when opening/closing the doors (using the electronic key or the Passive Entry system, where provided).

WARNING The hand-controlled electric folding operation can be enabled only when the car speed is lower than 30 mph (50 km/h), so they can only be manually controlled up to that speed.

WARNING The mirrors must always be open while driving and should never be folded.

ELECTROCHROMIC EXTERIOR MIRRORS

(where provided)

As well as an inside mirror, an electrochromic mirror is also available on some versions, which automatically modifies its reflecting properties to prevent dazzling the driver. The anti-glare electrochromic function enabling/disabling button fig. 23 is the same for all rear-view mirrors.

ELECTRIC DOOR MIRROR HEATING

Pressing the button on the air conditioner activates the demisting/defrosting of the door mirrors.

WARNING

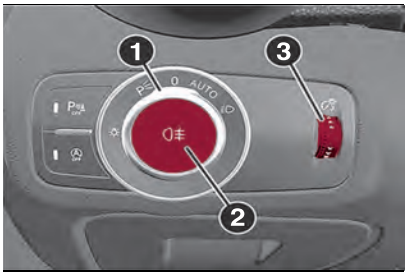
16) *As door mirrors are curved, and therefore they may slightly alter the perception of distance.*

EXTERNAL LIGHTS

LIGHT SWITCH

The following controls fig. 26 are available in the panel on the left of the steering wheel:

- (1): side/tail light, daylight running lights and dipped beam headlight switch;
- (2): rear fog lights button;
- (3): ring nut for adjusting the brightness of the instrument panel and the graphics on the control buttons.



26 04126S0017EM

The external lights can be activated only when the ignition device is in position ON, except for the parking lights. See the "Parking Lights" paragraph in this chapter for more information.

The instrument panel and the various controls on the dashboard will be lit up when the exterior lights are switched on.

AUTO FUNCTION (Dusk sensor)

This is implemented by an infrared LED sensor on the windscreen that works in conjunction with the rain sensor. It is able to detect variations in the outside light level based on the light sensitivity set through the Connect system.

The dusk sensor sensitivity can be adjusted according to 3 levels: level 1=minimum sensitivity, level 2=average sensitivity, level 3=maximum sensitivity.

The higher the sensitivity set, the lesser is the external light variation needed to switch the lights on (e.g. with a setting on level 3 at sunset the headlights come on earlier than levels 1 and 2).

Function activation

Turn the light switch to AUTO.

WARNING The function can only be activated with the ignition device at ON.

Function deactivation

Turn the light switch to a position other than AUTO.

DIPPED BEAM HEADLIGHTS

Turn the light switch to to switch on the side lights, the lights on the instrument panel and the dipped beam headlights.

The warning light switches on in the instrument panel.

DAYTIME RUNNING LIGHTS (DRL) (Daytime Running Lights) AND SIDE LIGHTS

(where provided)

17) 18)

With the ignition device turned to ON and the light switch turned to the **0** position, the daytime running lights, the rear light clusters and the number plate lights are automatically activated.

Where provided, if the direction indicators are operated, the brightness of the corresponding DRL will be decreased as long as the direction indicators are on.

Where provided, the DRL can be activated/deactivated from Connect system, by selecting the following functions in sequence on the main MENU: "Settings", "Lights" and "Daytime Lights".

WARNING For markets where DRL use is not required, these lights work as side lights and they are switched on and off jointly with the main beam headlights.

REAR FOG LIGHT

The rear fog light switch is integrated with the light switch.

Press the button to switch the light on/off.

The rear fog light switches on only when the dipped headlights are on. The light can be switched off by pressing the button again or by switching off the dipped beam headlights.

When the engine is stopped with the rear fog lights on, if will be switched off the next time the engine is started.

PARKING LIGHTS

They are switched on if, within a few seconds from stopping the engine, the light switch is taken first to the **0** position and then to position .

All side lights switch on, if you want to leave only those on one side (right/left) switched on, you need to move the direction indicators control on the position on the side you wish to leave on.

When a front door is opened with the light switch in position , a tone will be heard to inform the driver that the parking lights are on.

The warning light switches on in the instrument panel.

WARNING Turning the ignition device to ON turns off the parking lights, which were on only on one side.

HEADLIGHT SWITCH-OFF TIMER

"Follow Me" function

The "Follow Me" function delays the switching off of the headlights after the engine has been stopped.

The function can be enabled from the Connect system by selecting the following functions from the main menu in sequence: "Settings", "Lights" and "Follow me"; the side lights and the dipped beam headlights stay on for a time that can be set between 30, 60 and 90 seconds.

Function activation

With the headlights on, take the ignition device to the STOP position: the timer starts when the light switch is rotated to position **0**.

WARNING To activate this function the headlights must be deactivated within 2 minutes after the ignition device has been taken to STOP.

Function deactivation

This function is deactivated by switching on the headlights, the side lights or bringing the ignition device to ON.

AFS (Adaptive Frontlight System) function

(where provided)

This is a system combined with Xenon headlights (Bi-Xenon Headlamps 35 W version) which directs the main light beam, horizontally and vertically, and continuously and automatically adapts it to the driving conditions round bends/when cornering.

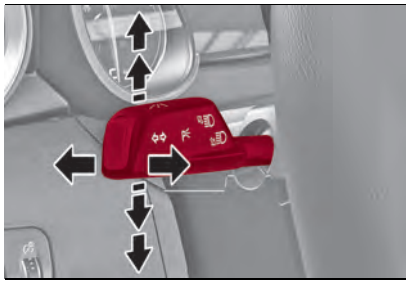
The system directs the light beam to light up the road in the best way, taking into account the speed of the car, the bend/corner angle and the speed of steering.

The adaptive lights are automatically activated when the car is started.

MAIN BEAM HEADLIGHTS

To activate the fixed main beam headlights push the left lever towards the instrument panel fig. 27. The light switch must be turned to **AUTO** or .

With main beam headlights on, the warning light/icon on the instrument panel will come on at the same time.



27 04126S0020EM

The main beam headlights are switched off by pushing the left stalk again. The warning light/icon switches on in the instrument panel.

Blinking

The flashing of the main beam headlights is activated by pulling the left stalk towards the steering wheel, the lights remain on while you are operating the lever.

DIRECTION INDICATORS

The direction indicators could assume two different flashing strategies: continuous or temporary (Lane Change).

To activate the continuous flashing function, move the left lever fig. 27 until end of stroke (unstable):

❒ *upwards*: activates the right direction indicator;

❒ *downwards*: activates the left direction indicator.

Warning light ⇦ or ⇨ will blink on the instrument panel.

The direction indicators turn of automatically when the car is brought back onto a straight course or by moving the lever in the opposite direction until the first click (about half way).

"Lane Change" function

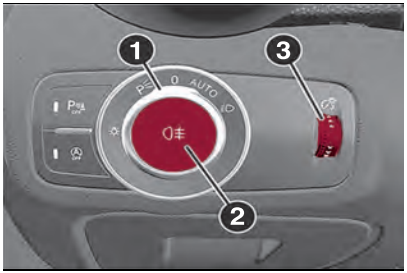
When you want to signal the change of the driving lane, move the lever until the first impulse (about half stroke).

The direction indicator on the side selected will be activated for 3 flashes and then go out automatically. To turn of the flashing before the end of the cycle, move the lever in the opposite direction until the first click (about half way).

INSTRUMENT PANEL AND CONTROL BUTTON GRAPHIC BRIGHTNESS ADJUSTMENT

With side lights or headlights on, move the ring (3)fig. 28 upwards to increase light brightness of the instrument panel and of the control button graphics, or ring downwards to decrease it.

The control is pulsed so that for every action the level intensity increases/decreases, up to a maximum of seven.



28 04126S0017EM

SBL (Static Bending Light) FUNCTION

(where provided)

The SBL LEDs activate to light the road better and increase the light angle during cornering.

This function is enabled by rotating the light switch to the ≡D or **AUTO** position.

The SBL LEDs activate if the steering radius is below 500 m (or equivalent value in miles).

HEADLIGHT ALIGNMENT ADJUSTMENT

Light beam direction

The correct aiming of the headlights is important for the comfort and safety of not only the driver but all other road users. This is also covered by a specific rule of the highway code.

The headlights must be correctly aligned to guarantee the best visibility conditions for all drivers while travelling with headlights on.

Contact a Dedicated Alfa Romeo Dealership to have the headlights checked and adjusted, if necessary.

ADJUSTING THE HEADLIGHTS WHEN ABROAD

Dipped beam headlights are adjusted for driving in the country where the vehicle was originally purchased.

When travelling in countries with opposite driving direction, to avoid dazzling the drivers on the other side of the road, you need to cover areas of the headlight according to the Highway Code of the country you are travelling in.

WARNING

17) *The daytime running lights are an alternative to the dipped headlights while driving during the daytime in countries where it is compulsory to have lights on during the day; where it is not compulsory, the use of daytime running lights is permitted.*

18) *Daytime running lights cannot replace dipped beam headlights while driving at night or through tunnels. The use of daytime running lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.*

INTERIOR LIGHTS

eLUM

FRONT CEILING LIGHT

There are switches on the ceiling light that perform the following functions:

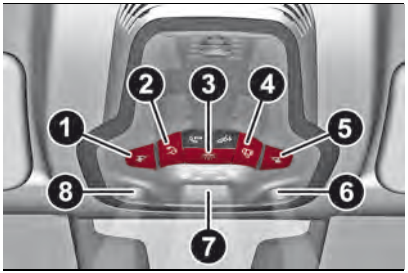
❒ switch (1) turns light (8) on/off;

❒ switch (2) activates/deactivates the rear ceiling light buttons;

❒ switch (3) turns all lights inside the ceiling lights (front and rear) in the passenger compartment on/off;

❒ switch (4) activates or deactivates turning ceiling lights (6), (7) and (8) on/off when the doors are opened/closed. The lights switch on/off gradually;

❒ switch (5) turns light (6) on/off.



29 04136S0001EM

WINDSCREEN WIPER

eLUM

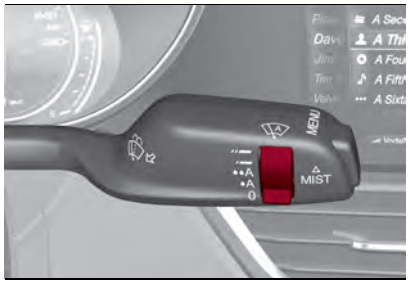
WINDSCREEN WIPER / WASHER

5) 6)

This operates only with the ignition device at ON.

The ring fig. 30 can be set to the following positions:

0	windscreen wiper off.
•A	rotating the ring nut to the first position activates the first sensitivity level of the rain sensor.
••A	rotating the ring nut to the second position activates the second sensitivity level of the rain sensor.
·–	rotating the ring nut to the third position activates the first continuous speed level of the windscreen wipers in manual mode.
··–	rotating the ring nut to the fourth position activates the second continuous speed level of the windscreen wipers in manual mode.



30 04146S0001EM

Move the stalk upwards (unstable position) to activate the MIST function: operation is limited to the time for which the stalk is held in this position. When released, the stalk will return to its default position and the windscreen wiper will be automatically stopped.

This function is useful to remove small deposits of dust from the windscreen, or morning dew.

WARNING This function does not activate the windscreen washer; windscreen washer fluid will not therefore be sprayed onto the windscreen. To spray windscreen washer fluid onto the windscreen, the washing function must be used.

With ring in position ·– or ··–, the windscreen wiper will automatically adapt its operating speed to the speed of the car.

"Smart washing" function

Pull the stalk towards the steering wheel (unstable position) to operate the windscreen washer.

Keep the stalk pulled to activate both the windscreen washer jet and the windscreen wiper with a single movement; the latter turns on automatically.

The windscreen wiper stops working three strokes after the stalk is released.

A further stroke after approx. 6 seconds completes the wiping cycle.

RAIN SENSOR

This is located behind the interior rear view mirror, in contact with the windscreen and can detect the presence of rain and, consequently, manage the cleaning of the windscreen in accordance with the amount of water on the screen.

Activation / deactivation

7) 8)

Turn the ring fig. 30 to position ·A or ··A to activate the rain sensor.

Activation of the sensor is signalled by a flick of the wiper, which indicates that the command has been acquired.

To deactivate the system, use ring fig. 30 or turn the ignition device to STOP.

19)

WARNING With the windscreen wiper ring turned to the ·A or ··A position, wiping operates automatically and is disabled when the outside temperature is below 0°C (32°F).

WARNING

19) *Make sure the device is turned off whenever the windscreen glass must be cleaned.*

IMPORTANT

5) *Never use the screen wiper to remove layers of snow or ice from the windscreen glass. In such conditions, the windscreen wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not subsequently restored, even after restarting the engine, contact a Dedicated Alfa Romeo Dealership.*

6) *Do not operate the screen wiper with the blades lifted from the windscreen glass.*

7) *Do not activate the rain sensor when washing the car in an automatic car wash.*

8) *Make sure the device is switched off if there is ice on the windscreen glass.*

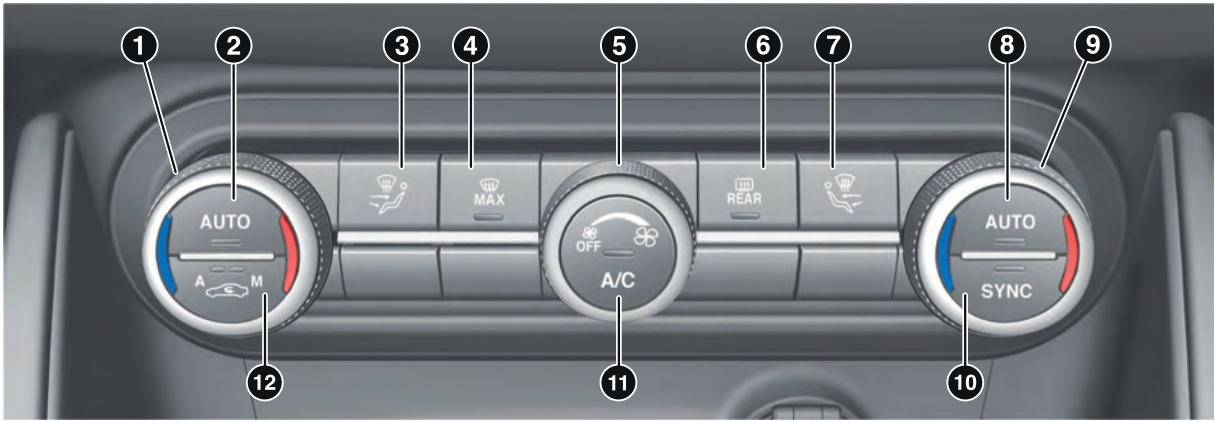
CLIMATE CONTROL SYSTEM

eLUM

AUTOMATIC DUAL-ZONE CLIMATE CONTROL SYSTEM

2)

Controls on the climate control front panel



31

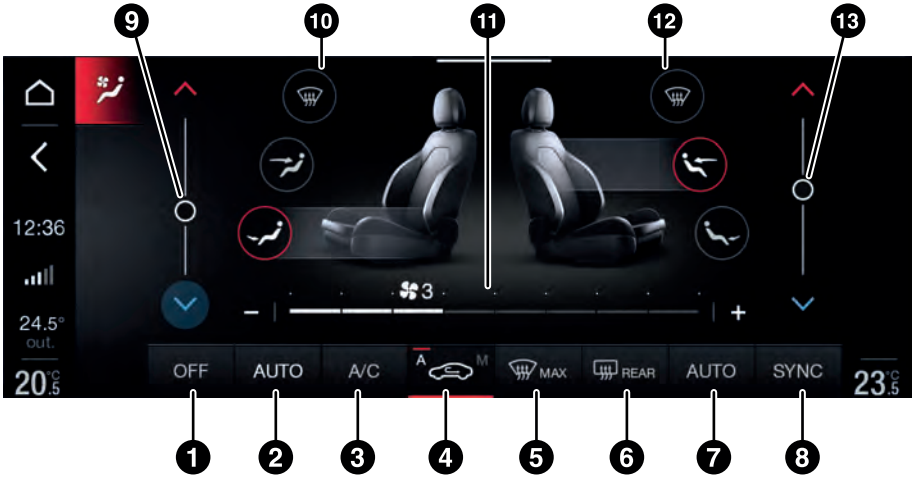
04156S0061EM

1. Left side temperature adjustment knob / 2. Left side AUTO function activation button (automatic operation) / 3. Left side air distribution selection button / 4. MAX-DEF function activation button (rapid defrosting/demisting) / 5. Fan speed adjustment knob / 6. Heated rear window on/off button (where provided) / 7. Right side air distribution selection button / 8. Right side AUTO function activation button (automatic operation) / 9. Right side temperature adjustment knob / 10. SYNC function activation button temperature alignment) (left/right side / 11. Climate control compressor on/off button / 12. Internal air recirculation and automatic operation on/off button.

IMPORTANT

2) *The system uses R1234yf coolant gas, which does not pollute the environment in the event of accidental leakage. Under no circumstances use R134a and R12 fluids, which are incompatible with the components of the system.*

Controls on Connect system display



32 12126S0976EM

1. Climate control system on/off graphic button 2. Driver side AUTO function activation graphic button (automatic operation) 3. Graphic button for turning the climate control system compressor on/off 4. Graphic button for turning internal air recirculation on/off (three "states" available: “OFF” or "Manual" or "Automatic") 5. Graphic buttons for activating/deactivating the MAX-DEF function (rapid defrosting/demisting) 6. Heated rear window (where provided) on/off graphic button 7. Passenger side AUTO function activation graphic button (automatic operation) 8. Graphic button for activating the SYNC function (alignment of set temperatures) on driver/passenger side 9. Graphic bar for temperature adjustment on driver side 10. Graphic buttons for air distribution selection on driver side 11. Graphic bar for adjusting the fan speed 12. Graphic buttons for air distribution selection on passenger side 13. Graphic bar for temperature adjustment on passenger side (where provided)

DESCRIPTION

Air flow to the windscreen and front side window vents to demist/defrost them.

Air flow at central and side dashboard vents to ventilate the chest and the face during the hot season.

Air flow to the front and rear footwell vents. This air distribution setting heats the passenger compartment most quickly, giving a prompt sensation of warmth.

Air flow distributed between footwell vents (hotter air) and central and side dashboard vents (cooler air). This air distribution setting is useful in spring and autumn on sunny days.

Air flow distributed between footwell vents and windscreen and front side window defrosting/demisting vents. This distribution setting allows the passenger compartment to be warmed effectively and prevents the windows from misting.

Air flow distribution between windscreen demisting/defrosting vents and side and central dashboard vents. This allows air to be sent to the windscreen in conditions of strong sunlight.

Air flow distribution to all vents on the vehicle.

In AUTO mode, the climate control system automatically manages the air distribution. When set manually, the air distribution is indicated by the respective symbols on the Connect system display switching on.

START&STOP EVO

The automatic dual zone climate control system manages the Start&Stop Evo system (engine off when car is at a standstill) to ensure adequate comfort inside the vehicle.

In particular, the climate control system turns off the Start&Stop Evo if:

❒ the climate control system is in AUTO mode (LED on the button switched on) and the temperature conditions inside the vehicle are far from a comfort temperature;

❒ the climate control system is in LO maximum cooling;

❒ the climate control system is in the MAX-DEF status.

With Start&Stop Evo function on (engine off and car stopped), the flow is reduced as much as possible, to keep the compartment comfort conditions for longer.

NOTE For more information on the operation of the automatic dual-zone climate control system, refer to the Owner Handbook and to the Connect supplement available online.

ELECTRIC WINDOWS

ELECTRIC WINDOWS

20)

They work with the ignition device in the ON position and for about 3 minutes after the ignition device has been turned to the STOP position.

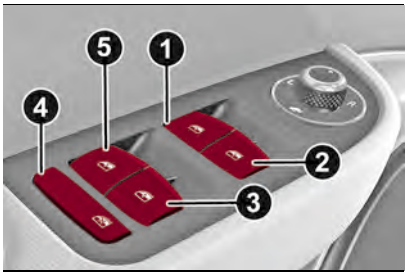
When one of the front doors is opened this operation is disabled.

ELECTRIC WINDOW CONTROLS

GTA versions

The buttons are located on the door panels.

All windows can be controlled from the driver side door panel fig. 33.



33 04166S0001EM

❒ 1: front left window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated;

❒ 2: front right window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated;

❒ 3: rear right window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated;

❒ 4: enabling/disabling of rear door electric window controls;

❒ 5: rear left window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated.

Passenger side front door / rear door controls

On the door control panel, buttons are provided to control the associated windows.

GTAm versions

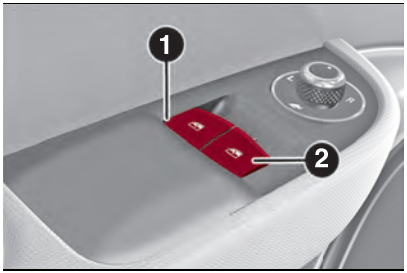
NOTE GTAm versions have Lexan® fixed rear windows with a dark protective film.

The buttons are located on the front door panels.

The driver's side door panel fig. 34 can be used to operate the windows on the driver's side and the passenger side.

❒ 1: driver's side window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated;

❒ 2: passenger side window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated.



34 04166S0044EM

Passenger side front door controls

A button is provided to control the associated windows on the passenger side door control panel.

WINDOW OPENING / CLOSING

Window opening

Push the buttons to open the desired window.

Each button has two position steps. Press gently (first position step) for manual "burst" window travel, while pressing the same button harder (second position step) activates "continuous automatic" operation.

If the button is pressed again, the window will stop in the desired position.

Window closing

Lift the buttons to close the desired window.

The window closing stage occurs following the same logic described for the opening stage both of the front door windows and the rear door windows (GTA versions only).

WINDOW ANTI-PINCH SYSTEM

The vehicle is equipped with an anti-pinch device for the raising of the windows.

This safety system can recognise the presence of any obstacle during the window closing movement. If this occurs, the system stops the window's

movement and reverts it, depending on its position.

This device is also useful if the windows are activated accidentally by children on board the car.

The anti-pinch safety function is activated both during the manual and the automatic operation of the window.

When the anti-pinch system is activated the window travel is immediately interrupted.

Then the window travel is automatically reversed and the window lowers by about 20 cm in relation to the first stop position.

The window cannot be operated in any way during this time.

WARNING If the anti-pinch protection intervenes 3 consecutive times within 1 minute or is faulty, the automatic closing operation of the window is inhibited, only allowing it in "steps"; the button is released for the subsequent manoeuvre. In order to restore the correct operation of the system, the relevant window must be lowered.

ELECTRIC WINDOWS SYSTEM INITIALISATION

If power supply is interrupted, the electric window automatic operation must be reinitialised.

To perform the initialization procedure, which must be done on each door with the doors closed, manually fully close the window to be initialized.

WARNING

20) *Improper use of the electric windows can be dangerous. Before and during operation, always check that nobody is exposed to the risk of being injured either directly by the moving window or through objects getting caught or hit by it.*

BONNET

OPENING

21) 22)

Proceed as follows:

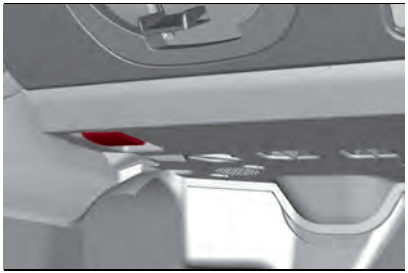
❒ inside the passenger compartment pull the release lever fig. 35 or fig. 36 (according to the version/market of the vehicle);

❒ go to the outside of the vehicle and position yourself in front of the grille;

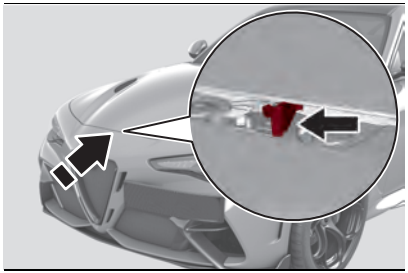
❒ slightly lift the bonnet and operate the release device from the side from the right leftwards as shown by the arrow, fig. 37;

❒ raise the bonnet completely: the operation is facilitated by the presence of a gas shock absorber which holds it the all open position.

35 04196S0011EM



36 04196S0003EM



37 04196S0012EM

Do not tamper with the gas shock absorber and accompany the bonnet while lifting it.

CLOSING

21) 23)

As it is extremely light, to close the bonnet, lower it to approximately 16 inches (40 centimetres) from the engine compartment then apply a slight pressure. Make sure that the bonnet is completely closed and not only fastened by the locking device by trying to open it.

If it is not perfectly closed, do not try to press the bonnet down but open it and repeat the procedure.

WARNING Always check that the bonnet is closed correctly to prevent it from opening while the vehicle is travelling. Since the bonnet is equipped with a double locking system, one for each side, you must check that it is closed on both its side ends.

WARNING

21) *Perform these operations only when the car is stationary.*

22) *Use both hands to lift the bonnet. Before lifting, check that the windscreen wiper arms are not raised from the windscreen or in operation, that the car is stationary and that the electric parking brake is engaged.*

23) *For safety reasons, the bonnet must always be properly closed while driving. Therefore, make sure that the bonnet is properly closed and that the lock is engaged. If you discover that the bonnet is not perfectly closed while driving, stop immediately and close the bonnet in the correct manner.*

TAILGATE

eLUM

The luggage compartment unlocking is electrically operated and is deactivated when the car is in motion.

The warning triangle (1) fig. 42 is housed inside the luggage compartment, on the lid lining.

OPENING

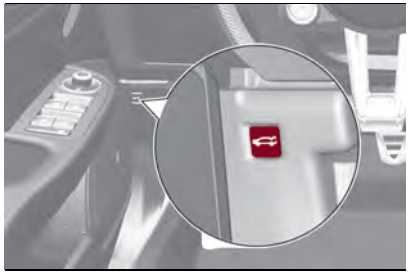
Opening from the outside

When unlocked, the tailgate can be opened from outside the car using the electric opening button fig. 38 located between the plate lights, until you hear the unlocking click or by quickly pressing button x2 on the remote control twice.

38 04056S0010EM

Opening from the inside

When unlocked, the tailgate can be opened from inside the car using the opening button fig. 39 positioned under the dashboard near the bonnet opening lever until you hear the click.



39 04206S0002EM

Opening the tailgate manually

24)

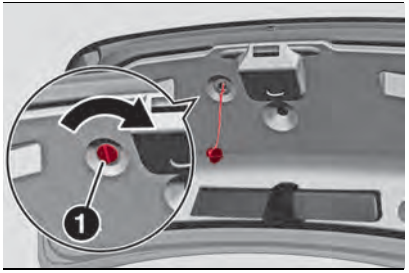
The luggage compartment tailgate can be opened in case of an emergency (e.g. if the battery is flat) as follows:

❒ operating inside the luggage compartment, turn the device (1) (located on the left side), as shown in fig. 40 and extract the cord (2) fig. 41, anchored to the device itself;

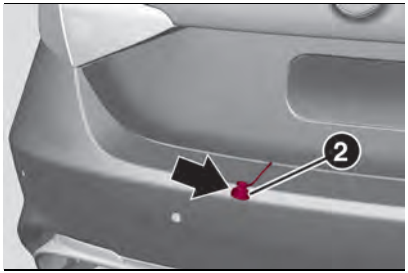
❒ make sure that the end part of the cord (2) remains outside the luggage compartment: with tailgate can be opened manually from the outside in this manner;

❒ after having opened the tailgate, wind the cord (2) back around the device (1);

❒ position the device (1) inside its housing and lock it by turning it in the opposite sense with respect to that shown in fig. 40.



40 09086S0001EM

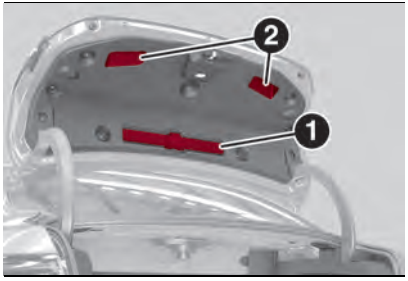


41 04206S0998EM

CLOSING

9)

Grip one of the handles (2), fig. 42, and lower the tailgate, pressing next to the lock until it clicks.



42 04206S0003EM

WARNING Before closing the boot make sure you have the key with you to prevent locking it in the luggage compartment. The tailgate will be locked automatically and can only be opened using another key.

WARNING With the battery disconnected it will no longer be possible to open that tailgate, neither with the key nor by pressing the button inside the luggage compartment. Therefore, always take out the manual tailgate opening cord before disconnecting the battery (as described previously).

WARNING This procedure must be carried out exclusively in safe places because it allows to open the boot unconditionally.

INITIALISING THE TAILGATE

WARNING If the battery is disconnected or the protection fuse blows, the luggage compartment opening/closing mechanism must be reinitialised as follows:

❒ close all the doors and the luggage compartment;

❒ press the button on the remote control;

❒ press the button on the remote control.

WARNING

24) *Perform the tailgate emergency opening operation only with the engine stopped and in a position where it is not a danger for oncoming traffic.*

IMPORTANT

9) *When you need to disconnect or remove the battery, do not close the boot. Open the boot manually if it is locked.*

AERODYNAMICS

ACTIVE AERODYNAMICS - MOBILE FRONT SPLITTER

GTA versions

The device fig. 43, which is automatically managed according to the speed of the car, provides greater stability at high speeds, increasing the aerodynamic load on the front.

An electromechanical system operates the descent of the mobile front splitter at high speeds.

WARNING The device does not work at temperatures close to or below 0°C.

43 **0429650031EM**

GTAm versions

The device fig. 43, which is automatically managed according to the speed of the car, provides greater stability at high speeds, increasing the aerodynamic load on the front.

An electromechanical system operates the descent of the mobile front splitter at high speeds.

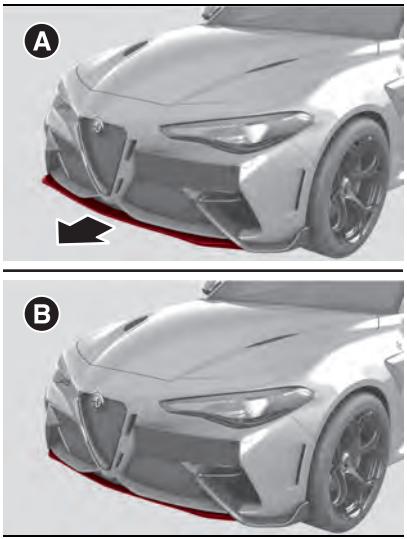
WARNING The device does not work at temperatures close to or below 0°C.

The splitter can also be manually adjusted to two different positions:

❒ most external ("extended") position (A) fig. 44. This position further increases the aerodynamic load on the front;

❒ most internal ("retracted") position (B) fig. 44.

In case of a failure of the mobile front splitter, the generic failure icon along with a dedicated message which identifies the type of malfunction, is shown on the instrument panel display.



44 **0429650008EM**

WARNING The most external ("extended") position of the splitter is allowed only and exclusively for use on the race track.

SAUBER REAR SPOILER

(GTA versions)

This device fig. 45 increases the car's stability at high speeds by boosting the aerodynamic load at the rear.

45 04306S0076EM

MONSTER REAR WING

(GTAm versions)

This device fig. 46 increases the car's stability at high speeds by boosting the aerodynamic load at the rear.

46 04306S0056EM

The wing can be manually adjusted to four different positions fig. 47 :

❒ **STREET** (A) (only position allowed for road use);

❒ **LD**(B), low drag and minimum aerodynamic load configuration;

❒ **MD**(C), medium aerodynamic drag and medium aerodynamic load configuration;

❒ **HD**(D), configuration with high aerodynamic resistance and maximum aerodynamic load.

47 04306S0067EM

WARNING The LD, MD and HD positions of the rear wing are allowed exclusively for use on the racing track.

WIRELESS CHARGING SYSTEM - WCPM (Wireless Charge Pad Module)

eLUM

(where provided)

The car can be equipped with the Qi® wireless charger system (maximum power available 15 W), located in the housing in the front seat armrest fig. 48.

The Qi® wireless charger system is designed to wirelessly charge your mobile phone. Consult the manual of your phone to check its compatibility.

WARNING Keys must not be placed on the charging mat or within 15 cm from it. This could cause excessive heat buildup and damage to the remote control.

WARNING Placing the keys near the Wireless charger may prevent the engine from starting. In this case, a dedicated message will be shown on the display of the Connect system to alert the driver of the need to remove the object from the wireless charger.

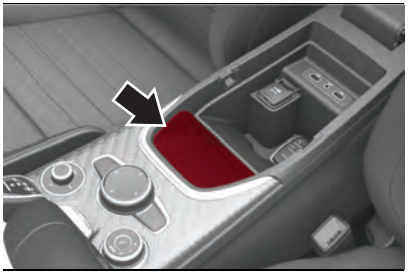
WARNING Do not place the ignition key or any other type of metal or magnetized object (e.g. credit cards, coins, etc.) inside the mobile phone housing.

WARNING Make sure that you place the mobile correctly (display facing downwards) in the special charging

location: charging may not be enabled if it is in the wrong position.

WARNING To avoid interference with the key search, the wireless charger system stops charging when any door is opened.

WARNING Make sure that there are no metal objects between the phone and the wireless charger system during charging. Any such objects could overheat.



48 11116S0995EM

OPERATION

The wireless charging system is activated in automatic mode when the a mobile phone is placed in the housing (WCPM) (see the previous instructions), if the latter is compatible with the Qi® standard.

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

The wireless charger system enables charging when all doors are closed properly and the engine has been started.

By interacting with the wireless charger system and placing the mobile phone in the charging housing, dedicated messages appear on the Connect system display to inform the driver of the wireless charging system status. The display of messages relating to the operating status of the wireless charging system can be deactivated using the relevant Connect system menu (see the description in the dedicated supplement).

Blank page

This section of the handbook provides all information that is useful for getting to know, interpreting, and using the instrument panel correctly.

KNOWING THE INSTRUMENT PANEL

INSTRUMENT PANEL FEATURES

49

05026S0004EM

1. Tachometer / 2. Digital engine oil temperature gauge with overheating warning light / 3. Display / 4. Digital fuel level gauge (the triangle on the left side of the symbol indicates the side of the vehicle with the fuel filler) / 5. Speedometer

Right-hand drive versions

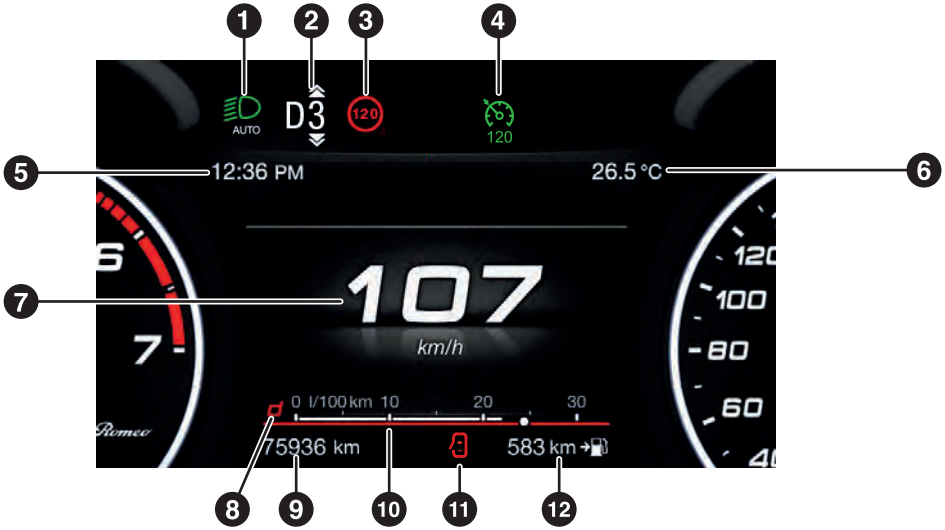
50 05026S0086EM

1. Tachometer / 2. Digital engine oil temperature gauge with overheating warning light / 3. Display / 4. Digital fuel level gauge (the triangle on the left side of the symbol indicates the side of the vehicle with the fuel filler) / 5. Speedometer

Apart from the instrument panel display size, there may be small differences according to the version or the end market destination of the car.

DISPLAY

INFORMATION ON THE DISPLAY



51

05036S0093EM

1. External lights (low beam/high beam) display / 2. Transmission information / 3. Speed Limiter display / 4. Cruise Control (CC) or Speed Limiter information display / 5. Time / 6. External temperature / 7. Main display area: car speed display, Trip Computer information, etc ... / 8. Driving mode display (Alfa DNA™ Pro system) / 9. Distance covered in km (or miles) display (trip meter) / 10. Fuel consumption graphic bar / 11. Warning indications display (e.g. danger of ice, open doors, ABS operation, etc.) / 12. Range

DISPLAY DESCRIPTION

The vehicle is equipped with a 7" TFT Display.

When one of the doors is opened/closed, with the engine turned off, the display is activated, showing the total mileage for a few seconds.

During operation, the display is divided into multiple sections which show driving data, warnings and failure indications.

Gearbox information

The following information is displayed:

❒ gearbox operation mode (M, P, R, N, D)

❒ information regarding the "Launch Mode" function

In automatic driving mode (D), when changing gear using the steering wheel levers, or manual driving mode (M), it also shows the gear engaged by means of a number.

In manual driving mode (M), it also alerts the driver when a gear shift either up or down is required.

Speed Limiter

Displays operation of the Speed Limiter device.

For further details, refer to the "Speed Limiter" paragraph in the "Starting and driving" chapter.

Cruise Control

Displays operation of the Cruise Control (CC) device.

For further details, refer to the "Cruise Control" paragraph in the "Starting and driving" chapter.

Reconfigurable main area

The following screens may appear:

❒ Home

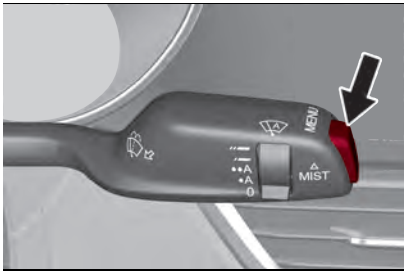
❒ Trip A

❒ Trip B (this can be activated/deactivated on the Connect system)

❒ Performance

❒ Alternative Performance

The screens can be selected, on rotation, by pressing the button shown in fig. 52.



52 05036S0035EM

Depending on the chosen driving mode (Dynamic, Normal, Advanced Efficiency), which can be selected through the "Alfa DNA™ Pro" system, the screens can be graphically different.

Navigation instructions and call information can be repeated, besides on the Connect system display, also in this area of the display, these functions can be set using the Connect system.

Home

The parameters shown on the display fig. 53, for the modes: Dynamic, Normal and Advanced Efficiency are:

❒ Time (1)

❒ External temperature (2)

❒ Current speed (3) (shown only if the repeat mode of the "Navigation" and "Phone" functions have not been previously activated)

❒ Range (4)

❒ Trip meter (5) (total kilometre or miles travelled)

NOTE The driver may customise the parameters listed above: they may therefore be shown in different zones of the display (the same parameter cannot be displayed in more than one zone).

53 05036S0189EM

In RACE mode (where provided) the consumption indication index is not

active and a sports gearshift indicator, consisting of three yellow segments fig. 54, is displayed.

The two white notches which are shown at the third segment blink to indicate the need to shift gear.

54 05036S0177EM

Trip A and B

For all driving modes ("Dynamic", "Normal" and "Advanced Efficiency"), with the ignition device ON, the "Trip computer" can be used to display the values related to the car's operating state.

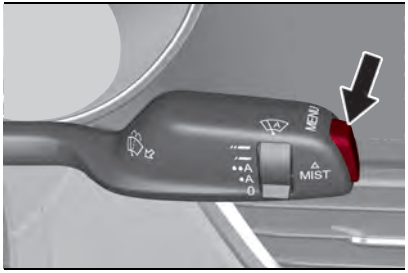
This function is characterised by two separate records, called "Trip A" and "Trip B" (the latter can be deactivated by Connect system), where the car's "complete missions" (journeys) are recorded in a reciprocally independent manner.

"Trip A" and "Trip B" are used to display the values relating to fig. 55:

- ❒ Travel Distance
- ❒ Average fuel consumption
- ❒ Average Speed
- ❒ Active trip
- ❒ Fuel level gauge

55 05036S0122EM

To reset the values, press and hold down the button on the right stalk fig. 56.



56 05036S0035EM

Performance

The parameters displayed are different depending on the active driving mode.

The driving modes which can be selected using the "Alfa DNA™ Pro" system are as follows:

- ❒ *Normal*
- ❒ *Advanced Efficiency*
- ❒ *Dynamic*
- ❒ *Race*

Normal

The screen fig. 57 graphically reproduces some parameters closely linked to the efficiency of the driving style, with a view to limiting consumption.

57 05036S0168EM

Advanced Efficiency

The screen fig. 58 shows:

- ❒ fuel consumption index (numerical and graphic) with instantaneous value in the unit of measurement currently selected;
- ❒ average fuel consumption value (based on "Trip A"). The numbers are replaced by dashes (--.-) after a reset or if the data are not available. The value can be reset

by holding down the MENU button on the steering wheel right lever fig. 56.

With the car at a standstill, or if the signal is not available, the graph on the display is blank and the instantaneous consumption value appears as flashing (--.-).

NOTE If the unit of measurement set is "km/l" (or "mpg"), in case of an interruption or in all other conditions in which the calculated fuel consumption exceeds the maximum the graphic scale on the display is able to show, the instantaneous numerical values will show the upper limit of the scale.

58 05036S0173EM

Dynamic

The parameters shown on the display fig. 59 refer to the car's stability.
The graphs illustrate the trend of the longitudinal/lateral accelerations (G-meter information), considering gravity acceleration as a reference unit.

Lateral acceleration peaks are also displayed.

59 05036S0170EM

Race

The parameters shown on the display fig. 60 are related to car stability, the graphs illustrate the trend of the longitudinal/lateral accelerations (G-meter information), considering gravity acceleration as a reference unit.

Lateral and longitudinal acceleration peaks are also displayed.

60 05036S0171EM

Alternative Performance

The parameters displayed are different depending on the active driving mode.

The driving modes which can be selected using the "Alfa DNA™ Pro" system are as follows:

❒ *Normal*
❒ *Advanced Efficiency*
❒ *Dynamic*
❒ *Race*

Normal

The display fig. 61 graphically shows the values of:

❒ instantaneous consumption;
❒ average fuel consumption (based on "Trip A");

Below a certain speed value, when the accelerator pedal is not pressed or in the event of failure, dashes are displayed in place of the consumption value ("– –. –").

61 05036S0187EM

62 05036S0174EM

Dynamic

The display fig. 62 graphically shows the values of:

❒ accelerator pedal position (expressed in percentage);

❒ brake pedal position (expressed in percentage);

❒ engine coolant temperature (H = hot C = cold).

Race

The display fig. 63 graphically shows the values of:

❒ engine torque;

❒ turbocharger pressure;

❒ engine oil pressure (L = low pressure/H = high pressure).

NOTE The engine torque and turbocharger pressure values vary according to the engine type.

63 05036S0175EM

Compass

Views the position indicating the cardinal point.

Odometer

Displays the total kilometres (or miles) travelled.

Fault indications

Area dedicated to displaying failures, the following symbols could be displayed on rotation:

❒ Low criticality symbols (yellow amber)

❒ High criticality symbols (red)

Vehicle range

Displays the kilometres (or miles) left before the fuel tank is empty.

External lights symbols

Displays the icon related to the active mode among the following:

❒ dipped beam headlights;

❒ main beam headlights.

PARAMETERS SETTABLE BY THE DRIVER

A series of functions can be set using the Connect system.

The basic settings only are described:

❒ "Units & Language"

❒ "Clock & Date"

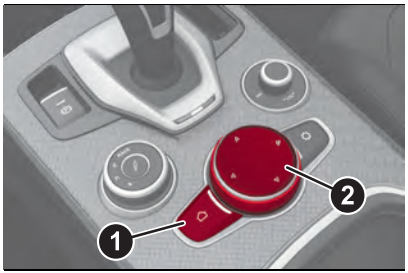
❒ "Cluster"

Proceed as follows to see the list containing the items shown above:

❒ in the main menu, that can be activated by pressing button (1)fig. 64, select the "Settings" function that can be used by turning and pressing the Rotary Pad (2);

❒ turn the Rotary Pad to select the required item;

❒ press the Rotary Pad to activate the required item.



64 04026S0555EM

Units & Language

The following settings can be modified when this mode is selected:

❒ "*Units*" (by selecting this item you can choose between the metric, imperial or custom systems; this last option lets you set the measure unit for each individual size).
❒ "*Language*" (by selecting this item you can choose the system viewing language).
❒ "*Restore Settings*" (allows you to delete the current menu settings and restore the factory settings).

To access and adjust the various settings, turn and press the Rotary Pad to select and confirm the selection.

Clock and Date

The following settings can be modified when this mode is selected:

❒ "*Sync with GPS Time*" (activates/deactivates the clock synchronization through the GPS: if the function is deactivated, the options "Set Time" and "Set Date" are enabled).
❒ "*Set Time*" (allows manual setting of the time).
❒ "*Set Date*" (to set the date manually).
❒ "*Time Format*" (offers choice of the time format between a "24H" and "12h" clock).
❒ "*Restore Clock and Date Settings*" (allows you to delete the current menu settings and restore the factory settings).

To access and adjust the various settings, turn and press the Rotary Pad to select and confirm the selection.

Cluster

The following settings can be modified when this mode is selected:

❒ "*Warning Buzzer Volume*" (allows you to set the volume of the warning buzzer on seven levels).
❒ "*Trip B*" (to activate/deactivate the function).
❒ "*Show Phone Info*" (allows you to activate/deactivate repetition of the phone function screens also on the instrument panel display).
❒ "*Show Audio Info*" (allows you to activate/deactivate repetition of the audio function screens (Radio and Media) also on the instrument panel display).
❒ "*Show Nav Info*" (allows you to activate/deactivate repetition of the navigator function screens also on the instrument panel display).
❒ *"Digital speed on all screens"*: this allows you to activate/deactivating of digital speed on the instrument panel display screens other than the main screen).
❒ *"Consumption Bar"*: allows you to activate/deactivate the consumption bar on the display screens of the instrument panel where it is available).
❒ *"Performance pages"*: allows you to choose, for each driving mode, one of the two alternative contents displayed in the screen).
❒ *"Custom areas"*: allows you to select which content to display in each of the three customisable areas on the display of the instrument panel: time, date, outside temperature, radio information, compass);
❒ "*Restore Settings*" (deletes the current settings and restores the factory settings).

To access and adjust the various settings, turn and press the Rotary Pad to select and confirm the selection.

WARNING LIGHTS AND MESSAGES

WARNING The warning light switches on together with a dedicated message and/or acoustic signal when applicable.These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Handbook, which you are advised to read carefully in all cases. Always refer to the information in this section in the event of a failure indication.

WARNING The failure indicators appearing on the display are divided into two categories: very serious and less serious failures. Serious faults are indicated by a repeated and prolonged warning "cycle". Less serious faults are indicated by a warning "cycle" with a shorter duration. You can stop the warning cycle in both cases by pressing the button located on the windscreen wiper lever. The instrument panel warning light will stay on until the cause of the failure is eliminated.

WARNING LIGHTS ON INSTRUMENT PANEL

Possible detailed messages and/or acoustic signalling can be matched to a few warning lights and symbols.

Red warning lights

Warning light	What it means	What to do
	INSUFFICIENT BRAKE FLUID / ELECTRIC PARKING BRAKE ON The warning light switches on when the ignition device is brought to ON, but it should switch off after a few seconds.	
	Low brake fluid level The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit.	Go to a Dedicated Alfa Romeo Dealership to have the system checked as soon as possible.
	Electric parking brake on The warning light switches on when the electric parking brake is engaged. WARNING If the car is parked on a gradient of more than 30% and/or the brake temperature is greater than 662°F (350°C), when the parking brake is engaged, the warning light will flash to indicate a potentially unsafe condition.	Release the electric parking brake, then check that the warning light has switched off. If the warning light stays on, contact a Dedicated Alfa Romeo Dealership.

Warning light	What it means	What to do
	EBD FAILURE The simultaneous switching on of the (!) (red) and (ABS) (amber) warning lights with the engine on indicates either a failure of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply.	Drive very carefully to the nearest Dedicated Alfa Romeo Dealership to have the system inspected immediately.
	AIRBAG FAILURE The warning light switches on when the ignition device is brought to ON, but it should switch off after a few seconds. If the warning light switches on constantly, this indicates a failure in the airbag system.	**25) 26)**
	FRONT SEAT BELTS NOT FASTENED The warning light switches on constantly if the vehicle is stationary and the driver side or passenger side seat belt, with the passenger seated, is not fastened. The warning light flashes and an acoustic warning will sound if the car is in motion and the driver side or passenger side seat belt, with the passenger seated, is not correctly fastened.	Fasten or check correct fastening of the front occupants' seat belts.
	HOT ENGINE OIL The warning light switches on in the case of engine oil overheating.	**10)** If the problem persists, contact a Dedicated Alfa Romeo Dealership.

WARNING

25) *The failure of the warning light is signalled by the switching on of the icon on the instrument panel. In this case, the warning light may not indicate problems with the restraint systems. Before proceeding, contact a Dedicated Alfa Romeo Dealership to have the system checked immediately.*

26) *If the warning light does not switch on when the ignition device is moved to ON or if it stays on while driving (together with the message on the display), there might be a fault in the restraint systems; in this case, the air bags or pretensioners may not deploy in the event of an accident or, in a lower number of cases, they could deploy erroneously. Before proceeding, contact a Dedicated Alfa Romeo Dealership to have the system checked immediately.*

IMPORTANT

10) *If the symbol switches on while driving, stop the car and the engine immediately.*

Amber warning lights

Warning light	What it means	What to do
	ABS FAILURE The warning light switches on when the ignition device is brought to ON, but it should switch off after a few seconds. The warning light switches on to indicate an ABS fault. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system.	Drive carefully and contact a Dedicated Alfa Romeo Dealership as soon as possible.
	TPMS FAILURE The warning light switches on when a failure is detected in the TPMS. Should one or more wheels be fitted without sensors, the display will show a warning message until initial conditions are restored.	Do not continue driving with one or more flat tyres as handling may be compromised. Stop the car, avoiding sharp braking and steering. Immediately restore the correct inflation pressure using the Tire Repair Kit (see "Repairing a wheel" paragraph in the "In an emergency" chapter) and contact the Dedicated Alfa Romeo Dealership as soon as possible.

Warning light	What it means	What to do
	**Low tyre pressure** The warning light switches on to indicate that the tyre pressure is lower than the recommended value and/or that slow pressure loss is occurring. In these cases, optimal tyre duration and fuel consumption may not be guaranteed.	In any situation in which the message on the display is "See manual", it is ESSENTIAL to refer to the contents of the "Wheels and rims" paragraph in the "Technical Specifications" chapter, strictly complying with the indications that you find there.
ESC	ESC SYSTEM When the ignition device is brought to ON, the warning light switches on, but should switch off as soon as the engine is started. **ESC system intervention**: Intervention by the system is indicated by the flashing of the warning light: it indicates that the car is in critical stability and grip conditions.	
	ECS system failure: If the warning light does not switch off, or if it stays on with the engine running, a failure was found in the ESC system. **Hill Start Assist system failure**: the switching on of the warning light indicates a Hill Start Assist system failure.	In these cases, contact a Dedicated Alfa Romeo Dealership as soon as possible.
ESC OFF	PARTIAL / TOTAL DEACTIVATION OF ACTIVE SAFETY SYSTEMS (where provided) When the ignition device is brought to ON, the warning light switches on, but should switch off as soon as the engine is started. The warning light switches on to indicate that some active safety systems have been partially or totally deactivated. For further details about the active safety systems see the "Active safety systems" paragraph in the "Safety" chapter. When the active safety systems are reactivated, the warning light switches off.	

Warning light	What it means	What to do
	EOBD/INJECTION SYSTEM FAILURE In normal conditions, when the ignition device is brought to ON, the warning light switches on, but it should switch off as soon as the engine is started. The operation of the warning light may be checked by the traffic police using specific devices. Comply with the laws and regulations of the country where you are driving.	11)
	Injection system failure If the warning light remains on, or it switches on whilst driving, the injection system is not working properly. The warning light on fixed signals a malfunction in the supply/ignition system which could cause high exhaust emissions, a possible loss of performance, poor driveability and high consumption. The warning light switches off if the malfunction disappears, but is still stored by the system.	Under these conditions, the vehicle can continue travelling at moderate speed but without demanding excessive effort from the engine or high speed. Prolonged use of the car with the warning light on constantly may cause damage. Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	CATALYTIC CONVERTER DAMAGE If the warning light flashes, it means that the catalytic converter may be damaged.	Release the accelerator pedal to lower the speed of the engine until the warning light stops flashing. Drive at moderate speed, attempting to avoid driving conditions which may cause the light to flash again, and contact a Dedicated Alfa Romeo Dealership as soon as possible.
	REAR FOG LIGHT The warning light switches on when the rear fog light is turned on.	
	FUEL RESERVE/LIMITED RANGE The warning light (or the symbol in the display) switches on when about 2 UK gal (9 litres) of fuel are left in the tank.	12)

IMPORTANT

11) *If, turning the ignition device to ON, the warning light does not turn on or if it turns on steadily or flashing while driving (on some versions together with the message on the display), contact a Dedicated Alfa Romeo Dealership as soon as possible.*
12) *If the warning light (or the icon on the display) flashes while driving, contact a Dedicated Alfa Romeo Dealership.*

Green Telltale Indicator Lights

Warning light	What it means	What to do
	SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS The warning light switches on when the side/tail lights or dipped headlights are turned on. **"Follow me" function engaged** This function allows the headlights to remain on for 30, 60 or 90 seconds after the ignition device was placed in STOP position.	
	LEFT DIRECTION INDICATOR The warning light switches on when the direction indicator stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed.	
	RIGHT DIRECTION INDICATOR The warning light switches on when the direction indicator stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed.	

SYMBOLS ON THE DISPLAY
Red Symbols

Symbol	What it means	What to do
	LOW ENGINE OIL PRESSURE The symbol indicates that the engine oil pressure is low. If it turns on temporarily or flashes (for about 5 seconds), check the oil level by following the corresponding procedure (see the description in the "Checking levels" paragraph in the "Maintenance and care" chapter) and top up to the correct level if necessary. If the symbol turns on continuously, contact a Dedicated Alfa Romeo Dealership to have the system checked. WARNING IF THE SYMBOL TURNS ON CONTINUOUSLY: Do not use the car until the failure has been solved. When the symbol turns on, it does not indicate the amount of oil in the engine: the oil level can be checked on the display upon entering the vehicle and also by activating the "Oil level" function on the Connect system.	13)
	ENGINE COOLANT TEMPERATURE TOO HIGH The symbol lights up when the engine has overheated.	*In normal driving conditions*: stop the car, switch off the engine and check that the coolant level in the reservoir is not below the MIN mark. In this case, wait for the engine to cool down, then slowly and carefully open the cap, top up with coolant and check that the level is between the MIN and MAX marks on the reservoir itself. Also check visually for any fluid leaks. Contact a Dedicated Alfa Romeo Dealership if the symbol comes on when the engine is started again. *If the vehicle is used under demanding conditions*: (e.g. in high-performance driving): slow down and, if the symbol stays on, stop the vehicle. Stop for two or three minutes with the engine running and slightly accelerated to facilitate better coolant circulation, then stop the engine. Check that the coolant level is correct as described above.

Symbol	What it means	What to do
	POWER STEERING FAILURE If the symbol remains on, you could not have steering assistance and the effort required to operate the steering wheel could be increased; steering is, however, possible.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	DOORS OPEN The symbol switches on when one or more doors are not completely shut. An acoustic signal is activated with the doors open and the car moving. NOTE The symbol shown on the display varies according to the door that has remained open.	Close the doors properly.
	BONNET NOT PROPERLY SHUT The symbol switches on when the engine bonnet is not properly shut. As well as the symbol lighting up on the instrument panel, the image of the car with the bonnet open is also shown. A buzzer is heard when the bonnet is open and the vehicle is moving.	Close the bonnet properly.
	LUGGAGE COMPARTMENT NOT PROPERLY SHUT The symbol switches on when the boot is not properly shut. As well as the symbol lighting up on the instrument panel, the image of the car with the boot open is also shown. A buzzer is heard when the boot is open and the vehicle is moving.	Close the boot properly.
	AUTOMATIC TRANSMISSION FAILURE The symbol switches on, together with an acoustic warning, to indicate that the automatic transmission is faulty.	Contact a Dedicated Alfa Romeo Dealership as soon as possible. 14)

Symbol	What it means	What to do
	INSUFFICIENT ENGINE OIL LEVEL The symbol switches on, along with the related message on the display, to indicate low engine oil level. Top up the oil as soon as possible in order to restore the correct level in the sump (see "Engine compartment - Checking the levels" paragraph in the "Maintenance and care" chapter for information on the quantity to be top up). You may carry out this operation on your own, using a suitable type of oil, as prescribed by Alfa Romeo (see the "Fluids and lubricants" paragraph in the "Technical specifications" chapter for detailed information). The level must also be checked using the dipstick below the boot (see "Servicing and care" chapter).	
	OIL OVER MAXIMUM LEVEL The symbol switches on, along with the respective message on the display, to indicate that the engine oil level is too high.	Go to a Dedicated Alfa Romeo dealership as soon as possible to have the correct level restored. In the meantime, do not exceed an engine speed of 3000 rpm.
	ALTERNATOR FAILURE The switching on of the symbol with engine on corresponds to an alternator failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	ALFA™ SYSTEM STEERING TORQUE (AST) FAILURE The switching on of the symbol signals a failure in the automatic steering correction system.	Contact a Dedicated Alfa Romeo Dealership to have the system checked.
	SPEED LIMIT EXCEEDED (where provided) The symbol switches on when the speed limit of 74.5 mph (120 km/h) is exceeded.	

IMPORTANT

13) *If the symbol switches on while driving, stop the engine immediately and contact a Dedicated Alfa Romeo Dealership.*

14) *Driving the vehicle with this symbol on may severely damage the transmission, with resulting breakage. The oil may also overheat: contact with hot engine or with exhaust components at high temperature could cause fires.*

Amber symbols

Symbol	What it means	What to do
	ENGINE IMMOBILIZER FAILURE / BREAK-IN ATTEMPT **Engine Immobilizer system failure** The symbol appears to report a failure of the Engine Immobilizer system.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	Break-in attempt The symbol switches on when the ignition device is moved to ON position, to indicate a possible break-in attempt detected by the alarm system. **Electronic key not recognised** The symbol switches on when the engine is started and the electronic key is not recognized by the system. **Alarm system failure** This symbol switches on to report an alarm system failure.	
	FUEL CUT-OFF SYSTEM OPERATION The symbol switches on in the event of fuel cut-off system intervention.	For reactivating the fuel cut-off system, refer to the description in the "Fuel cut-off system" paragraph in the "In an emergency" chapter. If it is not possible to restore the fuel supply, contact a Dedicated Alfa Romeo Dealership.
	PARK SENSORS SYSTEM FAILURE The symbol appears when the system is faulty or not available.	Contact a Dedicated Alfa Romeo Dealership to have the system checked.

Symbol	What it means	What to do
	POSSIBLE ICE ON ROAD The symbol turns on when the outside temperature is below or equal to 37.4°F (3°C). The symbol turns off when the outside temperature is equal to 74.8°F (6°C).	
	DEGRADED ENGINE OIL (where provided) The symbol is displayed only for a limited time. WARNING After the first indication, each time the engine is started the symbol will continue to switch on as described above until the oil is changed. If the symbol flashes, this does not mean that there is a fault on the vehicle, rather it simply reports that it is now necessary to change the oil as a result of regular use of the vehicle. The deterioration of engine oil is accelerated by using the vehicle for short drives, preventing the engine from reaching operating temperature.	Contact a Dedicated Alfa Romeo Dealership as soon as possible. 15)
	ENGINE OIL PRESSURE SENSOR FAILURE The symbol switches on in the event of engine oil level sensor failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	ENGINE OIL LEVEL SENSOR FAILURE The symbol switches on in the event of engine oil level sensor failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	START&STOP EVO SYSTEM FAILURE The symbol appears to indicate a Start&Stop Evo system failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	RAIN SENSOR FAILURE The symbol switches on in the case of failure of the automatic windscreen wiper.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.

Symbol	What it means	What to do
	DUSK SENSOR FAILURE The symbol switches on in the case of failure of the automatic low beam alignment.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	FUEL LEVEL SENSOR FAILURE The symbol switches on in the event of fuel level sensor failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	EXTERNAL LIGHTS FAILURE The symbol switches on to indicate a failure on the following lights: daytime running lights (DRLs) / parking lights / side/tail lights /direction indicators / rear fog light / reversing light / stop lights / number plate lights.	The failure may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. Replace the bulb or the relevant fuse. Contact a Dedicated Alfa Romeo Dealership.
	KEYLESS START SYSTEM FAILURE The symbol switches on in the event of Keyless Start system failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	FUEL CUT-OFF SYSTEM FAILURE The symbol switches on in the event of fuel cut-off system failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible.
	GPF (Gasoline Particulate Filter) CLEANING in progress The symbol switches on fixed, together with a dedicated message on the display, to indicate that the GPF system needs to eliminate the trapped pollutants (particulate) by means of the regeneration process. The symbol does not light up on during every GPF regeneration, but only when driving conditions require that the driver is notified.	To turn off the symbol, keep the car in motion until the regeneration process is over. The optimal conditions for completing the process are achieved by varying the speed of the car (pressure on the accelerator pedal). Hold a speed faster than 37 mph (60 km/h) on extra-urban roads, varying the pressure on the accelerator pedal and sometimes releasing it completely, until the symbol and message disappear from the display. When this symbol switches on, it does not indicate an anomaly and thus it should not be taken to a workshop.

Symbol	What it means	What to do
	GPF (Gasoline Particulate Filter) FAILURE The symbol lights up fixed together with the warning light and dedicated messages appear on the display in case of failure to the GPF (Gasoline Particulate Filter).	Contact a Dedicated Alfa Romeo Dealership as soon as possible to have the failure eliminated.
	AUTOMATIC TRANSMISSION FLUID OVERHEATING The symbol switches on in the case of transmission overheating, after a particularly demanding use. In this case an engine performance limitation is carried out.	With engine off or at idle speed, wait until the symbol switches off.
	AUDIO SYSTEM FAILURE The symbol switches on to report a failure of the sound system.	Contact a Dedicated Alfa Romeo Dealership as soon as possible to have the failure eliminated.
	SPEED LIMITER DEVICE FAILURE The symbol appears while driving to indicate a Speed Limiter device failure.	Contact a Dedicated Alfa Romeo Dealership as soon as possible to have the failure eliminated.
	FUEL TANK CAP (where provided) The symbol lights up if the fuel tank cap is open or not properly closed.	Tighten the cap properly.
	ELECTRIC PARKING BRAKE FAILURE The symbol and the respective message appear on the display to indicate a failure in the electric parking brake system. This failure could partially or completely block the car because the electric parking brake could remain activated even if automatically or manually disengaged using the relevant controls.	If the car can still be used (electric parking brake not engaged), drive carefully to the nearest Dedicated Alfa Romeo dealership, remembering that the electric parking brake will not work. 27)
	INSUFFICIENT ENGINE COOLANT LEVEL (where provided) If the symbol switches on, it indicates a low engine coolant level condition.	Top up as described in the "Maintenance and Care" chapter.

Symbol	What it means	What to do
	BRAKE PADS WEAR The symbol lights up when the brake pads have reached their wear limit.	Contact a Dedicated Alfa Romeo Dealership as soon as possible. WARNING Always use genuine parts or equivalents because the Integrated Brake System (IBS) system could detect anomalies.
	CCB (Carbon Ceramic Brake) BRAKE DISCS WEAR The symbol will light up when the carbon ceramic brake discs have reached the limit of wear.	Contact a Dedicated Alfa Romeo Dealership as soon as possible. 28)
	WINDSCREEN WIPER FAILURE The symbol appears to indicate a windscreen wiper failure.	Contact a Dedicated Alfa Romeo Dealership.
	GENERIC INDICATION If this symbol appears, it indicates a windscreen wiper failure. The accompanying messages describe the failure.	
	AFS SYSTEM FAILURE If this symbol appears, it indicates a failure of the automatic directional headlight system.	Contact an Alfa Romeo Dealership to have the system checked.
	SOFT SUSPENSION CALIBRATION INSERTION (where provided) The system appears when the most comfortable suspension setting is activated.	
	SDC SUSPENSION FAILURE (where provided) The symbol appears while driving to indicate a failure in the suspension system.	Contact a Dedicated Alfa Romeo Dealership to have the system checked.
	ABS ACTIVATION The symbol appears when the ABS cuts in.	

Symbol	What it means	What to do
	WINDSCREEN WASHER LIQUID LEVEL The symbol appears for some seconds to indicate that the level of the windscreen and headlight washing fluid (where provided) is low.	Refill the liquid: to do this, see the "Level check" paragraph in the "Maintenance and care" chapter. Always use liquid with the features indicated in the "Liquids and lubricants" section in the "Technical Specifications" chapter.

WARNING

27) *If a failure is present with sharp braking, the rear wheels may lock and the vehicle may swerve.*
28) *It is recommended to use only original or equivalent, bench-tested spare pads in order to ensure the original performance of the braking system.*

IMPORTANT

15) *Deteriorated engine oil should be replaced as soon as possible after the symbol is switched on, and never more than 500 km after it first switches on. Failure to observe the above may result in severe damage to the engine and invalidate the warranty. When this symbol comes on, it does not mean that the level of engine oil is low, so if it flashes you do not need to top up the engine oil.*

Green Symbols

Symbol	What it means	What to do
	DIPPED BEAM HEADLIGHTS The warning light switches on when the main beam headlights are turned on.	
	AUTOMATIC DIPPED BEAM HEADLIGHTS The symbol lights up when the automatic dipped beam headlights are on.	
	CRUISE CONTROL SYSTEM The symbol comes on when the Cruise Control system is activated.	
	START&STOP EVO INTERVENTION The symbol comes on in the event of Start&Stop Evo system intervention (stopping the engine). When the engine is restarted the symbol switches off (for the engine restarting modes see the "Start&Stop Evo" paragraph in the "Starting and driving" chapter).	
	"LAUNCH MODE" FUNCTION The symbol lights up when the "Launch Mode" function of the transmission is activated.	

Blue symbols

Symbol	What it means	What to do
	MAIN BEAM HEADLIGHTS The symbol appears when the main beam headlights are turned on.	

The chapter that you are about to read is very important: it describes the safety systems with which the vehicle is equipped and provides instructions on how to use them correctly.

SAFETY

ACTIVE SAFETY SYSTEMS

The car may be equipped with the following active safety devices:

❒ ABS (Anti-Lock Brakes);
❒ ESC (Electronic Stability Control);
❒ TC (Traction Control);
❒ PBA (Panic Brake Assist);
❒ HSA (Hill Start Assist);
❒ AST (Alfa™ Steering Torque);
❒ ATV (Alfa™ Active Torque Vectoring).

For the operation of the systems, see the following pages.

ABS (Anti-lock Braking System)

This system, which is an integral part of the braking system, prevents one or more wheels from locking and slipping in all road surface conditions, irrespective of the intensity of the braking action, ensuring that the car can be controlled even during emergency braking and optimising stopping distances.

The system intervenes during braking when the wheels are about to lock, typically in emergency braking or low-grip conditions, when locking may be more frequent.

The system also improves control and stability of the car when braking on a surface where the grip of the left and right wheels varies, or on corners.

The Electronic Braking Force Distribution (EBD) system completes the system allowing the brake force to be distributed between the front and rear wheels.

System intervention

The ABS equipped on this vehicle is provided with the "Brake by wire" (Integrated Brake System - IBS) function. With this system, the brake pedal command given by pressing the brake pedal is not transmitted hydraulically but electronically, therefore, the light pulsation that could be felt on the pedal with the traditional system is no longer perceptible.

29) 30) 31) 32) 33) 34)

ESC (Electronic Stability Control) SYSTEM

The ESC system improves the directional control and stability of the car in various driving conditions.

The ESC system corrects the car's understeer and oversteer, distributing the brake force on the appropriate wheels. The torque supplied by the motor can also be reduced in order to maintain control of the car.

The ESC system uses sensors installed on the car to determine the trajectory that the driver intends to follow and compares it with the car's effective trajectory. When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter the car's understeer or oversteer.

❒ *Oversteer*: occurs when the car is turning more than it should according to the angle of the steering wheel.
❒ *Understeer*: occurs when the vehicle is turning less than it should according to the angle of the steering wheel.

System intervention

The intervention of the system is indicated by the flashing of the ESC warning light on the instrument panel, to inform the driver that the car stability and grip are critical.

35) 36) 37) 38) 39)

Deactivating the system

The ESC system deactivates automatically when using RACE driving mode.

TC (Traction Control) SYSTEM

The system automatically operates in the event of slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc. on one or both drive wheels. Depending on the slipping conditions, two different control systems are activated:

❒ *if the slipping involves both drive wheels*, the system intervenes, reducing the power transmitted by the motor;

❒ *if the slipping only involves one of the drive wheels*, the BLD (Brake Limited Differential) function is activated, automatically braking the wheel which is slipping (the behaviour of a self-locking differential is simulated). This will increase the drive torque transferred to the wheel that is not slipping.

System intervention

The intervention of the system is indicated by the flashing of the ESC warning light on the instrument panel, to inform the driver that the car stability and grip are critical.

40) 41) 42) 43) 44)

PBA (Panic Brake Assist) SYSTEM

The PBA system is designed to improve the car's braking capacity during emergency braking.

The system detects emergency braking by monitoring the speed and force with which the brake pedal is pressed, and consequently applies the optimal brake pressure. This can reduce the braking distance: the PBA system therefore complements the ABS.

Maximum assistance from the PBA system is obtained by pressing the brake pedal very quickly. In addition, the brake pedal should be pressed continuously during braking, avoiding intermittent presses, to get the most out of the system. Do not reduce pressure on the brake pedal until braking is no longer necessary.

The PBA system is deactivated when the brake pedal is released.

45) 46) 47)

HSA (Hill Start Assist) SYSTEM

This is an integral part of the ESC system and facilitates starting on slopes, activating automatically in the following cases:

❒ *uphill*: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and transmission in neutral or gear other than reverse engaged;

❒ *downhill*: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.

When setting off, the ESC system control unit maintains the braking pressure on the wheels until the drive torque necessary for starting is reached, or in any case for a maximum of 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator.

When the 2 seconds have elapsed, without starting, the system is automatically deactivated, gradually releasing the braking pressure.

During this release stage, the typical mechanical brake release noise can be heard, indicating that the car is about to move.

48) 49)

AST (Alfa™ Steering Torque) SYSTEM

50)

The AST function integrates the ESC system with the electric power steering to increase the safety level of the whole vehicle.

In critical situations (braking on surfaces with different grip conditions), through the AST function, the ESC system controls the steering to implement an additional torque contribution on the steering wheel, to suggest the most correct manoeuvre to the driver.

The coordinated action of the brakes and steering increases the sensation of safety and control of the car.

ATV (Alfa™ Active Torque Vectoring) SYSTEM

The dynamic drive control is used to optimise and balance the drive torque between the wheels of the same axis. The ATV system improves grip when cornering by sending more drive torque to the outside wheel.

Given that, in a turn, the external wheels of the car travel more than the internal ones and therefore turn faster, sending a higher thrust to the external rear wheel allows for the car to be more stable

and to not suffer a phenomenon called "understeer". Understeer occurs when, during a turn, a car tends to widen the set trajectory, in this situation the lateral acceleration the car is subjected to becomes higher that the grip of the tyres, which are unable to maintain the car in the trajectory set by the driver through the steering angle determined by turning the steering wheel.

WARNING

29) *For maximum efficiency of the braking system, a bedding-in period of about 500 km (310 miles) is required: during this period it is advisable to avoid sharp, repeated and prolonged braking.*

30) *If the ABS intervenes, this indicates that the grip of the tyres on the road is nearing its limit: you must slow down to a speed compatible with the available grip.*

31) *The ABS cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*

32) *The ABS cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*

33) *The capability of the ABS must never be tested irresponsibly and dangerously, in such a way as to compromise personal safety and the safety of others.*

34) *For the correct operation of the ABS, the tyres must of necessity be the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and dimensions.*

35) *The ESC system cannot alter the natural laws of physics, and cannot increase grip, which depends on the condition of the road.*

36) *The ESC system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*

37) *The capability of the ESC system must never be tested irresponsibly and dangerously, in such a way as to compromise personal safety and the safety of others.*

38) *For the correct operation of the ESC system, the tyres must necessarily be of the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and size.*

39) *ESC performance features must not induce the driver to take unnecessary or unwarranted risks. Your driving style must always be suited to the road conditions, visibility and traffic. The driver is, in any case, responsible for safe driving.*

40) *For the correct operation of the TC system, the tyres must of necessity be the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and dimensions.*

41) *TC performance features must not induce the driver to take unnecessary or unwarranted risks. Your driving style must always be suited to the road conditions, visibility and traffic. The driver is, in any case, responsible for safe driving.*

42) *The TC system cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*

43) *The TC system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*

44) *The capability of the TC system must never be tested irresponsibly and dangerously, in such a way as to compromise personal safety and the safety of others.*

45) *The PBA system cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*

46) *The PBA system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*

47) *The capability of the PBA system must never be tested irresponsibly and dangerously, in such a way as to compromise the safety of the driver, the other occupants of the car or any other road user.*

48) *The HSA system is not a parking brake; therefore, never leave the car without having engaged the electric parking brake, turned the engine off and engaged first gear, so that it is parked in safe conditions (for further information read the "Parking" paragraph in the "Starting and driving" chapter).*

49) *There may be situations on small gradients (less than 8%), with vehicle laden, in which the Hill Start Assist system may not activate, causing a slight reversing motion and increasing the risk of collision with*

another vehicle or object. The driver is, in any case, responsible for safe driving.

50) *The AST system is an aid for driving and does not relieve the driver of responsibility for driving the car.*

DRIVING ASSISTANCE SYSTEMS

The only driving assistance system installed on the car is the TPMS (Tyre Pressure Monitoring System).

See below for operation of the system.

51)

WARNING The responsibility always rests with the driver, who must take into account the traffic conditions in order to drive in complete safety. The driver must always maintain a safe distance from the vehicles in front and around him. The driver is also responsible for ensuring that there are no pedestrians, other cars or objects along the car's trajectory. Failure to comply with these precautions may cause serious accidents and injuries.

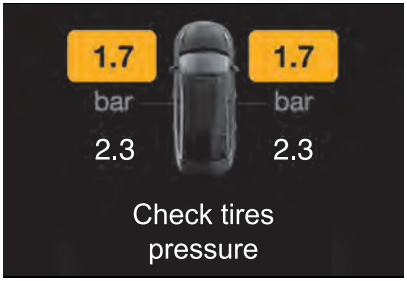
TPMS (Tyre Pressure Monitoring System)

52) 53) 54) 55) 56) 57) 58)

16) 17)

The car is equipped with Tyre Pressure Monitoring System (TPMS), which can advise the driver in the event of insufficient tyre pressure according to the cold inflation pressure set by the driver (see indications in the "Technical specifications" chapter, "Cold tyre inflation pressure" table).

The system comprises a radio-frequency transmitter sensor fitted to each wheel (on the rim inside the tyre), which is able to send information on the inflation pressure of each tyre to the control module fig. 65.



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Inflation pressure varies in relation to temperature by about (0.07 bar) every 43.7 °F (6.5 °C). This means that when the external temperature falls, the tyre pressure decreases. Always adjust the tyre inflation pressure when cold. This is defined as the tyre pressure after at least 3 hours of car inactivity or travel of less than 1 mile (1.6 km) after the 3 hour interval.

The cold tyre inflation pressure must not exceed the maximum pressure indicated on the shoulder of the tyre: for further details see the instructions in the "Rims and tyres" paragraph, in the "Technical Specifications" chapter.

Tyre pressure increases when the vehicle is driven. This is normal, and no adjustment of the pressure is required.

The TPMS signals the driver a possible insufficient pressure if this falls below the warning limit for any reason, including the effects of low temperature and normal loss of pressure from the tyre.

The TPMS will stop indicating insufficient tyre pressure when it is equal to or greater than the prescribed cold inflation pressure.

Therefore, if insufficient tyre pressure is indicated (warning light (!) on instrument panel on), increase the inflation pressure up to the prescribed cold inflation value.

Once the system receives the updated inflation pressures, the system will automatically update and the (!) warning light will turn off. The vehicle might need to be driven at a speed higher than about 15.5 mph (25 km/h) up to 20 minutes for the TPMS to receive this information.

Operating example

Supposing that the prescribed cold inflation pressure (i.e. vehicle stationary for at least 3 hours) is 33.4 psi (2.3 bar), if the ambient temperature is 68°F (20°C) and the detected tyre pressure is 28.3 psi

(1.95 bar), a temperature reduction of 19.4°F (–7°C) results in a decrease in tyre pressure, bringing it to approximately 24 psi (1.65 bar).

This pressure is sufficiently low to activate the warning light (!).

Heating of tyres due to driving the car may increase tyre pressure up to approximately 28.3 psi (1.95 bar), but the warning light (!) will stay on. In this situation, the warning light will switch off only after the tyres are inflated to the prescribed cold pressure value for the car.

WARNING

51) *The driving assistance systems are designed to help driving the car. The driver must always maintain a sufficient level of attention to the traffic and road conditions and for controlling the trajectory of the car.*

52) *The presence of the TPMS does not permit the driver to neglect regular checks of the tyre pressure, including for the spare tyre, and correct maintenance: the system is not used to signalling a possible tyre fault.*

53) *Tyre pressure must be checked with tyres rested and cold. Should it become necessary for whatever reason to check pressure with warm tyres, do not reduce pressure even though it is higher than the prescribed value. Repeat the check when the tyres are cold.*

54) *Should one or more wheels be fitted without sensors, the system will no longer be available and a warning message will be shown on the display, until wheels with sensors are fitted again.*

55) *The TPMS cannot indicate sudden tyre pressure drops (e.g. if a tyre bursts). In this case, stop the car, braking with caution and avoiding abrupt steering.*

56) *Changes in outside temperature may cause tyre pressures to vary. The system may temporarily indicate insufficient pressure. In this case, check the tyre pressure when cold and, if necessary, restore the inflation values.*

57) *Replacing standard tyres with winter tyres and vice versa requires TPMS system adjustment that must only be performed by Dedicated Alfa Romeo Dealerships.*

58) *When a tyre is removed, it is advisable to replace the rubber valve seal as well: contact an Alfa Romeo Dealership. The fitting/removal of the tyres and/or rims require special care. To avoid damaging or fitting the sensors incorrectly, tyre and/or rim fitting/removal operations should only be carried out by specialised staff. Contact a Dedicated Alfa Romeo Dealership.*

IMPORTANT

16) *The Tyre Repair Kit, provided with the car, is compatible with the TPMS sensors. Using sealants different from that in the original kit may compromise its operation. If sealants not equivalent with the original one are used, it is recommended to have the TPMS sensor operation checked by a qualified repair centre.*

17) *The TPMS is designed for original tyres and wheels. The prescribed pressures and consequent alarm thresholds set in the TPMS are based on the dimensions of the tyres fitted on the car. Using spare wheels of a size, type and/or design different from the original ones may cause an irregular operation of the system and damage the sensors. Aftermarket fitted wheels may damage the sensors. Using aftermarket tyre sealants may damage the Tyre Pressure Monitoring System (TPMS) sensor. If aftermarket tyre sealant is used it is recommended to go to a Dedicated Alfa Romeo Dealership to have the sensors checked. After checking or adjusting the tyre of the pressure, always refit the valve cap to prevent humidity and dirt from entering, these may damage the Tyre Pressure Monitoring System sensor.*

OCCUPANT PROTECTION SYSTEMS

The following protection systems are among the vehicle's most important safety equipment:

- ❒ seat belts;
- ❒ SBA (Seat Belt Alert) system;
- ❒ head restraints;
- ❒ child restraint systems;
- ❒ Front airbags (GTA and GTAm versions) and side airbags (GTA versions).

Read the information given the following pages with the utmost care. It is of fundamental importance that the protection systems are used in the correct way to guarantee the maximum possible safety level for the driver and the passengers.

For the description of the head restraint adjustment see the "Head restraints" paragraph in the "Knowing your car" chapter.

SEAT BELTS

GTA and GTAm versions

The front (GTA and GTAm versions) and rear (GTA versions only) seat belts are of three-point type and are complete with retractor.

The reel mechanism operates locking the belt in the event of sharp braking or strong deceleration due to a collision. This allows the belt strap to slide freely and to adapt to the body of the occupant. In the event of an accident, the belt will lock reducing the risk of impact inside the passenger compartment and of being projected outside the car.

The driver is responsible for respecting, and ensuring that ANY other occupants of the vehicle also respect, the local laws in force in relation to the use of the seat belts.

Use on track only (do not use on roads)

GTAm versions also come complete with a 6-point harness kit fig. 66, only approved for use of the car on the track.

When fitting the 6-point harness kit supplied for use on a track only, comply strictly with the installation instructions provided in the harness kit.

66 0430650063EM

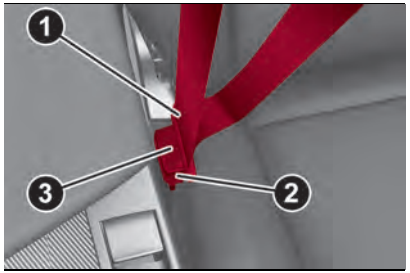
WARNING Always fasten the seat belts before setting off.

USING THE SEAT BELTS

⚠ 59) 60)

Put on the seat belt with your back straight and resting against the backrest.

To fasten the seat belts, hold fastening tongue (1) fig. 67 and insert it into buckle (2), until it clicks into place.



67 060565S0001EM

On removal of the belt, if it jams, let it rewind for a short stretch, then pull it out again without jerking.

To unfasten the seat belts, press button (3) and guide the seat belt with your hand while it is rewinding, to prevent it from twisting.

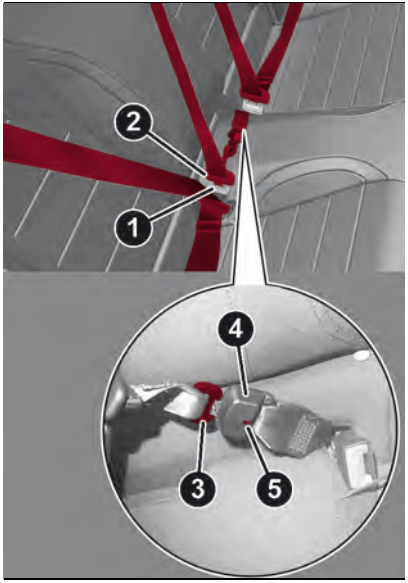
WARNING **GTAm version**: take care to ensure that the seat belt always passes through the slot on the outside of the carbon shell of the seat, towards the outside of the car, and that it also passes through the slot on the inside of the carbon shell, towards the inside of the car, when the belt is fastened.

The retractor may lock when the car is parked on a steep slope: this is perfectly normal. Furthermore, the reel mechanism locks the belt if it is pulled sharply or in the event of sudden braking, collisions and high-speed bends.

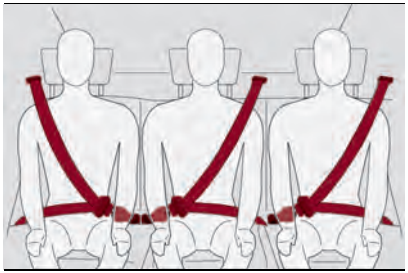
Wear the rear seat belts as shown in fig. 68 and fig. 69.

Unlike the side seat belts, the central rear one has a double buckle.

Unwind the seat belt from its retractor, grip the fastening tongue (3)fig. 68 and insert it into the housing (4), then tongue (2) in the housing (1); check that both fasteners are correctly secured.



68 060565S0002EM



69 060565S0003EM

WARNING

59) *Never press button (3) when travelling.*
60) *Remember that in the event of an accident, the rear seat passengers not wearing seat belts are exposed to a very serious risk and also represent a serious danger for the front seat occupants.*

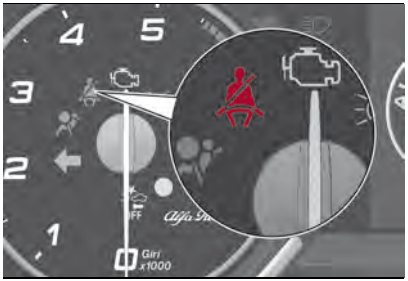
SBA (Seat Belt Alert) SYSTEM

The SBA system warns front seat and rear seat (GTA versions only) passengers that their seat belts are not properly fastened via visual warnings (warning lights on in the instrument panel and icons on the display) and an acoustic warning (see the following paragraphs).

FRONT SEAT BELT WARNING LIGHT BEHAVIOUR

When the ignition device is turned to the ON position, the warning light (see fig. 70) turns on for a few seconds, regardless of the status of the front seat belts (seat belts fastened or unfastened).

With car moving slower than 12 mph (20 km/h), if the driver side seat belt or the passenger side seat belt (with occupant seated) is unfastened, the warning light stays on constantly.



70 06066S0001EM

As soon as a speed threshold than 12 mph (20 km/h) (variable speed according to car conditions) is reached, with driver side seat belt or the passenger side seat belt (with occupant seated) unfastened, an acoustic signal is activated simultaneously with warning light flashing for about 105 seconds.

Once activated, this warning cycle remains active for the entire time if the car is moving faster than 5 mph (8 km/h), if reverse gear is not engaged or until the seat belts are fastened.

If reverse is engaged during the warning cycle, the acoustic signal is deactivated and the warning light turns on fixed. The warning cycle will be reactivated as soon as the car exceeds 12 mph (20 km/h) again.

If the car speed drops to less than 5 mph (8 km/h) or if reverse gear is engaged during the warning cycle, the tone will be interrupted and the warning light will turn on continuously.

If the entire time has not elapsed and reverse gear is not engaged, the indication cycle is reactivated as soon as the car speed 12 mph (20 km/h) again.

REAR SEAT BELT ICON BEHAVIOUR

(GTA versions only)

The icons are shown on the instrument panel display (fig. 71) a few seconds after the ignition device is turned to the ON position. The icons will turn off after about 65 seconds.

After a door closes, or following a change in seat belt fastening status, the icons are shown again for approximately 65 seconds before disappearing.

The icons shown on the display indicate:

- 1 - rear left *seat belt*;
- 2 - rear central *seat belt* (where provided);
- 3 - rear right *seat belt*.

71 07076V0567EM

With the car travelling as speed lower than 12 mph (20 km/h), if a rear seat belt is unbuckled, the icon stays on with fixed light for a total of approximately 65 seconds.

The icons are displayed according to the corresponding rear seat belts and stay on for about 65 seconds from the last seat belt status change:

- *if the seat belt is fastened* the

corresponding icon will be green;
❒ *if the seat belt is unfastened* the corresponding icon will be red.

Furthermore the icons will light up again for 30 seconds each time one of the rear doors is closed.

If the car is travelling at a speed faster 12 mph (20 km/h) and reverse is not engaged, if a rear seat belt is unbuckled, an acoustic warning is sounded when the icon blinks for approximately 35 seconds. Successively, the acoustic warning is deactivated and the icon lights up with fixed light until the end of the entire cycle.

WARNINGS

As far as the rear seats are concerned, the SBA system will only indicate whether the seat belts are unfastened (red icon) or fastened (green icon), not the presence of any passengers.

The warning lights/icons all stay off if all seat belts (front seats and rear seats) are fastened when the ignition device is set to ON.

For the rear seats, the icons will activate a few seconds after the ignition device has been turned to ON, regardless of the status of the seat belts (even if the seat belts are all fastened).

All the warning lights/icons will come on when at least one seat belt changes from fastened to unfastened status or vice versa.

PRE-TENSIONERS

(GTA and GTAm versions)

The car is equipped with front (GTA and GTAm versions) and rear (GTA versions only) lateral seat belt pretensioners, which draw back the seat belts by several centimetres in the event of a strong frontal impact. This guarantees the perfect adherence of the seat belts to the occupant's bodies before the retention action begins.

It is evident that the pretensioners have been activated when the belt withdraws toward the retractor.

This car is also equipped with a second pretensioner on the front seat belts (fitted in the kick plate area). Its activation is signalled by the shortening of the metal cable.

A slight discharge of smoke may be produced during the activation of the pretensioner which is not harmful and does not involve any fire hazard.

The pretensioner does not require any maintenance or lubrication: any changes to its original conditions will invalidate its efficiency.

If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and/or mud, contact a Dedicated Alfa Romeo Dealership to have it replaced.

WARNING To obtain the highest degree of protection from the action of the pretensioner, wear the seat belt tight to the torso and pelvis.

WARNING The pretensioners do not act on the 6-point harnesses (these harnesses are supplied as kits and are only for use on race tracks).

LOAD LIMITERS

(GTA and GTAm versions)

61)

18)

To increase safety in the event of an accident, the front (GTA and GTAm versions) and rear (GTA versions only) lateral seat belt retractors contain a load limiter which controls the force acting on the chest and shoulders during the belt restraining action in the event of a frontal collision.

WARNING The load limiters do not act on the 6-point harnesses of the GTAm version (these harnesses are supplied as kits and are only for use on race tracks).

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

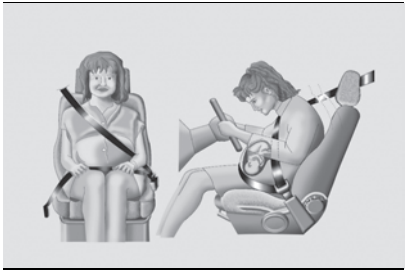
62) 63) 64)

Respect and ensure that all the other occupants of the vehicle comply with the local laws in force regarding the use of seat belts.

Always fasten the seat belts before setting off.

Seat belts are also to be worn by pregnant women: the risk of injury in the case of impact is greatly reduced for them and the unborn child if they are wearing a seat belt.

Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen fig. 72. While pregnancy progresses, the driver must adjust both seat and steering wheel to have full control over the vehicle (pedals and steering wheel must be easy to access). The maximum clearance should be kept between the abdomen and the steering wheel.



72 06076S0001EM

The seat belt strap must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis fig. 73, not to the abdomen of the occupant. Never use devices (clips, clamps, etc.) that hold the seat belt away from your body.

73 06076S0002EM

Each seat belt must be used by only one person. Never travel with a child sitting on the passenger's lap and a single belt to protect them both fig. 74. In general, do not place any objects between the person and the belt.

74 06076S0003EM

SEAT BELTS MAINTENANCE

For keeping the seat belts in efficient conditions, carefully observe the following warnings:

❒ always use the seat belt well stretched and never twisted; make sure that it is free to run without obstructions;

❒ check seat belt operation as follows: attach the seat belt and pull it hard;

❒ replace the seat belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the seat belt if the pretensioners were deployed;

❒ prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;

❒ replace the seat belt when it shows wear or cuts.

WARNING

61) *The pretensioner may be used only once. After its activation, contact a Dedicated Alfa Romeo Dealership to have it replaced.*

62) *Removing or otherwise tampering with pretensioner and seat belt components is strictly prohibited. Any intervention on these components must be performed by qualified and authorised technicians. Always contact a Dedicated Alfa Romeo Dealership.*

63) *For maximum safety, keep the backrest upright, lean back into it and make sure the*

seat belt fits closely across your chest and pelvis. Always fasten the seat belts for both the front and rear seats! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.

64) *If the belt has been subjected to high levels of stress, for example after an accident, it should be changed completely together with the attachments, attachment fixing screws and the pretensioner. In fact, even if the belt has no visible defects, it may have lost its resilience.*

IMPORTANT

18) *Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioner may cause damage or make it deploy. Contact the Dedicated Alfa Romeo Dealership if there is the need to operate on those components.*

CHILD RESTRAINT SYSTEMS

(GTA versions only)

CARRYING CHILDREN SAFELY

65) 66) 67) 68)

For optimal protection in the event of an impact, all occupants must be seated and wearing adequate restraint systems, including newborn and other children!

This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC.

Children below the height of 1.50 metres and up to 12 years must be protected with suitable restraint systems and be seated on the rear seats.

Statistics on accidents indicate that the rear seats offer greater safety for children.

Compared with an adult, a child's head is larger and heavier in proportion to their body and the child's muscular and bone structures are not fully developed. Therefore, correct restraint systems other than adult seat belts are necessary, to reduce as much as possible the risk of injuries in the event of an accident, braking or sudden manoeuvre.

Children must be seated safely and comfortably. As far as the characteristics of the child seats used allow, you are advised to keep children in rear facing child seats for as long as possible (at least until 3–4 years old), since this is the most protected position in the event of a collision.

The choice of the most suitable child restraint system depends on the weight and size of the child. There are various types of child restraint systems, which can be secured to the car by means of the seat belts or with the ISOFIX/i-Size anchorages.

It is recommended to always choose the restraint system most suitable for the child; for this reason always refer to the Owner Handbook provided with the child restraint system, to be sure that it is of the right type for the children it is intended for.

WARNING

65) *SEVERE DANGER When a front passenger airbag is fitted, do not install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag in a crash could cause fatal injuries to the child regardless of the severity of the collision. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision.*

66) *On the sun visor there is a label with suitable symbols reminding the user that it is compulsory to deactivate the airbag if a rearward facing child restraint system is fitted. Always comply with the instructions*

on the passenger side sun visor (see the "Supplementary Restraint System (SRS) - Airbag" paragraph).

67) *Should it be necessary to carry a child on the passenger side front seat in a rear facing child restraint system, the passenger side front air bag and side bag must be deactivated through the Connect system main menu (see the Supplementary Restraint System (SRS) - Air bag" paragraph), verifying deactivation by checking whether the* ***OFF*** *LED has illuminated on the front courtesy light. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.*

68) *Do not move the front or rear seat if a child is seated on it or on the dedicated child restraint system.*

In Europe the characteristics of child restraint systems are governed by regulation ECE-R44, which divides them into five weight groups.
Regulation ECE-R44 is supplemented by regulation ECE R-129, which defines the characteristics of the new i-Size child restraint systems.

Group	Age	Weight groups	Size class / Fixing
Group 0	Indicatively up to 9 months	up to 22 lb (10 kg)	ISO/L1
			ISO/L2
			ISO/R1
Group 0+	Indicatively up to 2 years	up to 28.7 lb (13 kg)	ISO/R1
			ISO/R2
			ISO/R3
Group 1	Indicatively from 8 months to 4 years	20 - 40 lb (9 - 18 kg)	ISO/R2
			ISO/R3
			ISO/F2
			ISO/F2X
			ISO/F3
Group 2	Indicatively from 3 to 7 years	33 - 55 lb (15 - 25 kg)	–
Group 3	Indicatively from 6 to 12 years	48.5 - 79.4 lb (22 - 36 kg)	–

All restraint devices must bear the type-approval data, together with the control mark, on a label solidly fixed to the child restraint system which must never be removed.

Lineaccessori MOPAR® includes child restraint systems for each weight group. These devices are recommended having been specifically tested for Alfa Romeo cars.

WARNING For correct installation on the car, some universal child restraint systems require an accessory (base) sold separately by the restraint system's producer. Therefore, FCA recommends confirming the retailer if the desired child seat can be installed in the car by having it done, before buying the seat.

INSTALLING A CHILD RESTRAINT SYSTEM WITH SEAT BELTS

The Universal child restraint systems installed with the seat belts only are type-approved on the basis of the ECE R44 standard and are divided into various weight groups.

69) 70) 71) 72)

WARNING The figures are indicative and provided for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

Group 0 and 0+

Infants up to 28.7 lb (13 kg) must be carried with a rearward facing child restraint system of the type shown in fig. 75 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

75 06086S0001EM

The child restraint system is restrained by the car seat belts, as shown in fig. 75 and it must restrain the child in turn with its own belts.

Group 1

Children weighing from 9 to 40 lb (from 9 to 18 kg) may be transported in forward facing child restraint systems fig. 76.

76 06086S0002EM

Group 2

Children from 33 up to 55 lb (from 15 to 25 kg) may be restrained directly by the car seat belts fig. 77.

77 06086S0003EM

In this case, the child restraint system is used to position the child correctly with respect to the seat belts so that the diagonal belt section crosses the child's chest and not the neck, and the lower part is snug on the pelvis not the abdomen.

Group 3

For children between 48.5 and 79.4 lb (from 22 to 36 kg), there are dedicated restraint systems that allow the seat belt to be worn correctly.

The fig. 78 shows the correct child positioning on the rear seat.

78 06086S0004EM

Children over 4.9 ft (1.50 m) tall wear seatbelts like adults.

WARNING

69) *Incorrect fitting of the child restraint system may result in an inefficient protection system. In the event of an accident the child restraint system may become loose and the child may be injured, even fatally. When fitting a restraint system for newborns or children, strictly comply with the instructions provided by the Manufacturer.*

70) *When the child restraint system is not used, secure it with the seat belt or with the ISOFIX anchorages, or remove it from the car. Do not leave it unsecured inside the passenger compartment. In this way, in the event of sudden braking or an accident, it will not cause injuries to the occupants.*

71) *After installing a child restraint system, do not move the seat: always remove the child restraint system before making any adjustment.*

72) *Always make sure that the chest section of the seat belt does not pass under the arms or behind the back of the child. In the event of an accident the seat belt will not be able to secure the child, with the risk of injury, including fatal injury. Therefore the child must always wear the seat belt correctly.*

INSTALLING AN ISOFIX CHILD RESTRAINT SYSTEM

(GTA versions only)

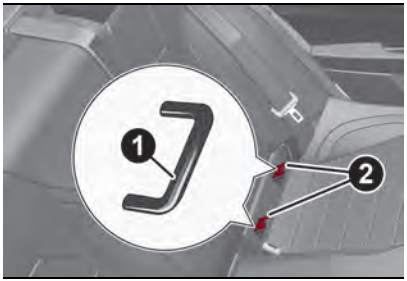
73) 74) 75) 76) 77)

The rear side seats of the car are equipped with ISOFIX attachments, for fitting child restraint systems quickly, simply and safely.

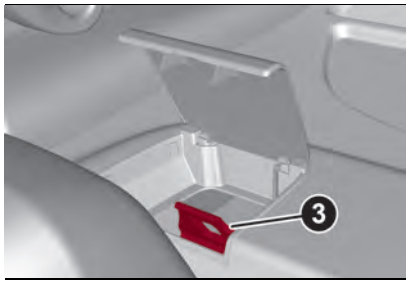
The ISOFIX system lets you install the ISOFIX child restraint system without using the car seat belts but connecting them directly to the car seat with three anchorages in the car.

Traditional child restraint systems can be fitted alongside ISOFIX child restraint systems on different seats in the same car.

To install an ISOFIX child restraint system, attach it to the two metal anchorings (1) fig. 79 which can be reached by lifting the flaps 2 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchoring (3) fig. 80 located at the bottom behind the backrest.



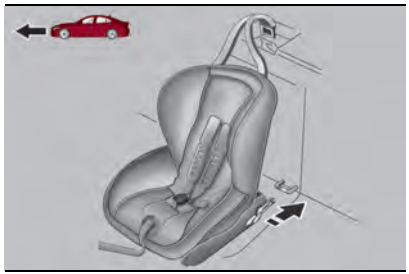
79 06086S0009EM



80 06086S0005EM

fig. 81 shows an example of a Universal ISOFIX child restraint system for weight group 1.

WARNING The fig. 81 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

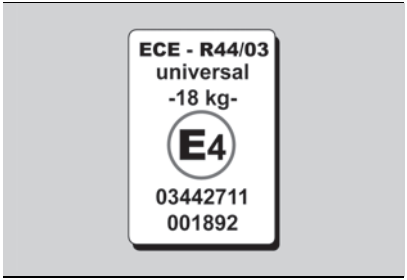


81 06086S0006EM

NOTE When a Universal ISOFIX child restraint system is used, only ECE R44 "ISOFIX Universal" (R44/03 or further

upgrades) type-approved child restraint systems can be used (see fig. 82).

The other weight groups are covered by specific ISOFIX child restraint systems, which can be used only if specifically tested for this car (see list of cars provided with the child restraint system).



82 06086S0007EM

WARNING

73) *Do not use the same lower anchoring to install more than one child restraint system.*

74) *If a Universal ISOFIX child restraint system is not fixed to all three anchorages, it will not be able to protect the child correctly. In a crash, the child could be seriously or fatally injured.*

75) *Fit the child restraint system when the car is stationary. The child restraint system is correctly secured to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the Manufacturer must supply with the child restraint system.*

76) *If the car was involved in an accident of a certain severity, have the ISOFIX anchorages and the child restraint system replaced.*

77) *If the car was involved in an accident of a certain severity, have both the child restraint system and the seat belt it was attached to replaced.*

SUITABILITY OF PASSENGER SEATS FOR ISOFIX CHILD RESTRAINT SYSTEM USE

ISOFIX POSITIONS ON THE CAR					
Weight categories	**Size category**	**Device**	**Front passenger**	**Rear side passengers**	**Rear central passenger (where provided)**
Group 0 (up to 22 lb) (10 kg)	E	ISO/R1	X	IL	X
Group 0+ (up to 28.7 lb) (13 kg)	E	ISO/R1	X	IL	X
	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL (*)	X
Group 1 (from 20 to 40 lb) (from 9 to 18 kg)	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL (*)	X
	B	ISO/F2	X	IUF – IL	X
	B1	ISO/F2X	X	IUF – IL	X
	A	ISO/F3	X	IUF – IL	X
Group 2 (from 33 to 55 lb) (from 15 to 25 kg)			X	IL	X

ISOFIX POSITIONS ON THE CAR					
Weight categories	**Size category**	**Device**	**Front passenger**	**Rear side passengers**	**Rear central passenger (where provided)**
Group 3 (from 48.5 to 79.4 lb) (from 22 to 36 kg)			X	IL	X

X ISOFIX position not suitable for ISOFIX child protection systems for this weight and/or size category.
IL Suitable for ISOFIX child restraint systems of the "Specific for the vehicle", "Restricted", or "Semiuniversal" categories, approved for this type of vehicle.
IL (*) It is possible to install the ISOFIX child restraint system by adjusting the front seat (adjustment is not required if the Sparco Carbonshell Sport seats are installed).
IUF Suitable for forward facing ISOFIX child restraint systems of the universal category, approved for use in the weight group.

i-Size CHILD RESTRAINT SYSTEMS

(GTA versions only)

The rear side seats of the car are type-approved to house the state-of-the-art i-Size child restraint systems.

These child restraint systems, built and type-approved according to the i-Size (ECE R129) standard, ensure better safety conditions to carry children on board a vehicle:

❒ the child must be transported rearward facing until 15 months;

❒ child restraint system protection is increased in the event of a side collision;

❒ the use of the ISOFIX system is promoted to avoid faulty installation of the child restraint system;

❒ efficiency in the choice of the child restraint system, which isn't made according to weight any more but according to the child's height, is increased;

❒ compatibility between the car seats and the child restraint systems is better: the i-Size child restraint systems can be considered as "Super ISOFIX"; this means that they can be perfectly fitted in type-approved i-Size seats, but can also be fitted in ISOFIX (ECE R44) type-approved seats.

NOTE If your car seats are i-Size approved, the symbol shown in fig. 83 will appear on the seats near the ISOFIX attachments.

83 06086S0008EM

NOTE See the table shown on the following page to check whether your car is approved for installing i-Size child restraint systems.

Child restraint system installation

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

Number of seats							
Seat number	1	2	3		4	5*	6
			Airbag ENABLED	Airbag DISABLED			
Seat suitable for universal rearward facing child restraint systems	X	X	X	X	YES (U)[1]	X	YES (U)[1]
Seat suitable for universal forward facing child restraint systems	X	X	X	X	YES (UF)[1]	X	YES (UF)[1]
i-Size seat	X	X	X	X	YES (i-U)[1]	X	YES (i-U)[1]
Seat suitable for ISOFIX side child restraint systems (L1 / L2)	X	X	X	X	NO[1]	X	NO[1]
Seat suitable for ISOFIX rearward facing child restraint systems (R1 / R2 / R3)	X	X	X	X	YES (IL)[1] / [2]	X	YES (IL)[1] / [2]

Number of seats							
Seat number	1	2	3		4	5*	6
			Airbag ENABLED	Airbag DISABLED			
Seat suitable for ISOFIX forward facing child restraint systems (F2 / F2X / F3)	X	X	X	X	YES (IUF)[1]	X	YES (IUF)[1]
Seat suitable for auxiliary child restraint systems (B2 / B3)	X	X	X	X	YES (Only B2) (IUF)[1]	X	YES (Only B2) (IUF)[1]

U = Position suitable for a "universal" child restraint system approved for this weight category.
UF = Position suitable for a "universal" forward facing child restraint system approved for this weight category.
IUF = Position suitable for an "ISOFIX" universal forward facing child restraint system approved for this weight category.
i-U = Position suitable for an i-Size "universal" forward facing or rearward facing child restraint system.
i-UF = Position suitable for an i-Size "universal" forward facing child restraint system.
IL = Position suitable for specific listed ISOFIX child restraint systems (CRS). These ISOFIX CRS are classified as "vehicle-specific", "restricted use" and "semi-universal".
X = Not applicable. The seat is not approved for installation of child restraint systems.
* = Child restraint systems with support leg cannot be installed on this seat.
1 = **Children cannot be transported in GTAm version cars without rear seats**.
2 = The ISOFIX child restraint system can be installed by adjusting the front seat.
Remove/adjust the head restraint (if adjustable) if it interferes with installation of the child restraint system.

Child restraint system installation (right-hand drive version)

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

Seat number	Number of seats						
	1		2	3	4	5*	6
	Airbag ENABLED	Airbag DISABLED					
Seat suitable for universal rearward facing child restraint systems	X	X	X	X	YES (U)[1]	X	YES (U)[1]
Seat suitable for universal forward facing child restraint systems	X	X	X	X	YES (UF)[1]	X	YES (UF)[1]
i-Size seat	X	X	X	X	YES (i-U)[1]	X	YES (i-U)[1]
Seat suitable for ISOFIX side child restraint systems (L1 / L2)	X	X	X	X	NO[1]	X	NO[1]
Seat suitable for ISOFIX rearward facing child restraint systems (R1 / R2 / R3)	X	X	X	X	YES (IL)[1] / [2]	X	YES (IL)[1] / [2]

Number of seats							
Seat number	1		2	3	4	5*	6
	Airbag ENABLED	Airbag DISABLED					
Seat suitable for ISOFIX forward facing child restraint systems (F2 / F2X / F3)	X	X	X	X	YES (IUF)[1]	X	YES (IUF)[1]
Seat suitable for auxiliary child restraint systems (B2 / B3)	X	X	X	X	YES (Only B2) (IUF)[1]	X	YES (Only B2) (IUF)[1]

U = Position suitable for a "universal" child restraint system approved for this weight category.
UF = Position suitable for a "universal" forward facing child restraint system approved for this weight category.
IUF = Position suitable for an "ISOFIX" universal forward facing child restraint system approved for this weight category.
i-U = Position suitable for an i-Size "universal" forward facing or rearward facing child restraint system.
i-UF = Position suitable for an i-Size "universal" forward facing child restraint system.
IL = Position suitable for specific listed ISOFIX child restraint systems (CRS). These ISOFIX CRS are classified as "vehicle-specific", "restricted use" and "semi-universal".
X = Not applicable. The seat is not approved for installation of child restraint systems.
* = Child restraint systems with support leg cannot be installed on this seat.
1 = **Children cannot be transported in GTAm version cars without rear seats**.
2 = The ISOFIX child restraint system can be installed by adjusting the front seat.
Remove/adjust the head restraint (if adjustable) if it interferes with installation of the child restraint system.

Main recommendations to carry children safely

❒ Install the child restraint systems on the rear seat, which is the most protected position in the event of a collision.

❒ Keep children in rearward facing child restraint systems for as long as possible, until 3–4 years old if possible.

❒ The rear head restraint can be raised if needed to install a child restraint system. The head restraint must always be present in the vehicle and fitted if the seat is used by an adult passenger or a child sitting in a restraint system without backrest (refer to the procedure described in "Head restraint" paragraph, "Knowing your vehicle" chapter).

❒ If the front passenger airbag has been deactivated, always check that the warning light on the courtesy light is on continuously to make sure that it is effectively deactivated.

❒ Carefully follow the instructions supplied with the child restraint system. Keep the instructions in the car along with the other documents and this handbook. Do not use second-hand child seats without instructions.

❒ Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.

❒ Always check that the seat belts do not rest on the child's neck.

❒ Always check that the seat belt is well fastened by pulling on it.

❒ While travelling, do not let the child sit incorrectly or unfasten the belts.

❒ Never allow a child to put the belt's diagonal section under an arm or behind their back.

❒ Never carry children on your lap, even newborns. No-one can hold a child in the case of a collision.

❒ In the event of an accident, replace the child restraint system with a new one.

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The car is equipped with:

❒ front driver airbag;

❒ front passenger airbag;

❒ front side bags for pelvis, chest and shoulder protection of driver and passenger (GTA versions only);

❒ window bags to protect the heads of the front seat occupants (GTA versions only);

❒ window bags to protect the heads of the side rear seat occupants (GTA versions only);

The location of the airbags on the vehicle is marked by the word "AIRBAG" under the Alfa Romeo emblem on the steering wheel, on the dashboard, on the side trim or on a label placed next to the airbag deployment area.

FRONT AIRBAGS

The front (driver and passenger) airbags protect the front seat occupants in the event of head-on crashes of medium-high severity, by placing the cushion between the occupant and the steering wheel or dashboard.

Therefore non-activation of airbags in other types of collisions (side impacts, rear shunts, roll-overs, etc.) does not indicate a system malfunction.

Driver and passenger front airbags are not a replacement of but complementary to the seat belts, which should always be worn, as specified by law in Europe and most non-European countries.

In a crash, those not wearing a seat belt are projected forwards and may come into contact with the bag which is still inflating. The protection offered by the bag is compromised in these circumstances.

Front airbags may not activate in the following situations:

❒ frontal impacts against highly deformable objects not involving the front surface of the car (e.g. wing collision against safety barrier, etc.);

❒ car wedging under other vehicles or safety barriers (e.g. trucks or guard rails).

Failure to activate in the conditions described above is due to the fact that they may not provide any additional protection compared with seat belts, so their activation would be inappropriate.

In these cases, non-deployment does not indicate a system malfunction.

Driver's side front airbag

This consists of an instantly inflating bag contained in a special recess in the centre of the steering wheel fig. 84.

84 06106S0022EM

Passenger's front airbag

(GTA and GTAm versions)

This consists of an instantly inflating bag contained in a special recess in the dashboard fig. 85: this bag has a larger volume than that on the driver side.

85 06106S0322EM

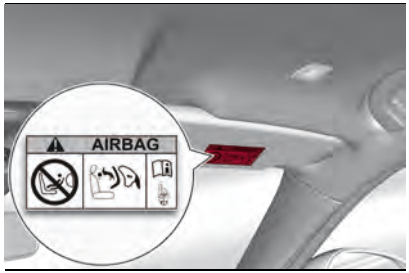
Passenger's front airbag and child restraint systems

(GTAm versions excluded)

Rearward facing child restraint systems must **NEVER** be fitted on the front seat with an active passenger side airbag since in the event of an impact the airbag activation may cause fatal injuries to the transported child.

ALWAYS comply with the instructions on the label stuck on the passenger side sun visor fig. 86 and shown in table on the following page.

WARNING Finally, ALWAYS refer to the child restraint system installation table provided in the “Child restraint systems” paragraph for the list of seats on which a child restraint system may be installed, for the specific model of car.



86 06106S0003EM

Deactivating/activating the passenger side air bags: front air bag and side bag

(where provided)

To deactivate the front and side passenger side airbag, use the Connect system. Select the following functions in succession from the main Menu, and activate them by pressing the ⌂ fig. 87 button: "Settings", "Safety", "Passenger Airbag". The system will check airbag activation/deactivation status and request confirmation of change of status.

87 05036S0099EM

The ON and OFF status LEDs fig. 88 are on the front ceiling light. Moving the ignition device to MAR, the two LEDs switch on for a few seconds. If not, contact a Dedicated Alfa Romeo Dealership.

88 06106S0008EM

During the first seconds, the activation of the LEDs does not actually show the passenger protection status, but only checks its correct operation.

After a test of a few seconds, the LEDs will indicate the status of the passenger airbag protection.

Passenger protection activated: the ON LED fig. 88 switches on fixed.

Passenger protection deactivated: the OFF LED turns on fixed.

Passenger's front air bag and child restraint systems: IMPORTANT

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

89

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SIDE BAGS

(GTA versions only)

To help increase occupants protection in the event of side impact collisions, the vehicle is equipped with front side bags and window bags.

Side bag

These comprise two bags located in the front seat backrests fig. 90 which protect the pelvis, chest and shoulder area of the occupants in the event of a side collision of medium-high severity.

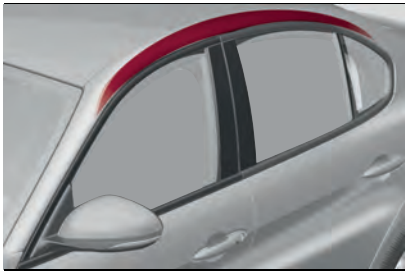
They are marked by the "AIRBAG" label sewn on the outer side of the front seats.

90 06106S0017EM

Window bag

This consists of a "curtain" bag housed behind the roof side linings and covered by special trims fig. 91.

They are designed to protect the head of front and side rear occupants in the event of a side collision, thanks to the wide cushion inflation surface.



91 06106S0015EM

The deployment of side bags in the event of side impacts of low severity is not required.

In the event of a side impact, the system provides best protection if the passenger sits on the seat in a correct position, allowing the window bag to inflate correctly.

78) 79) 80) 81) 82) 83) 84) 85) 86) 87) 88) 89) 90) 91)

Warnings

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

The front airbags and/or side bags may be deployed in the event of sharp impacts to the underbody of the car (e.g. impact with steps, pavements, potholes or road bumps etc.).

When the airbag deploys it emits a small amount of dust: the dust is harmless and does not indicate the beginning of a fire. The dust may irritate the skin and eyes however: in this case, wash with neutral soap and water.

Airbag checking, repair and replacement must be carried out at a Dedicated Alfa Romeo Dealership.

If the car is scrapped, have the airbag system deactivated at a Dedicated Alfa Romeo Dealership.

Pretensioners and airbags are deployed in different ways on the basis of the type of collision. Failure to activate one or more of the devices does not indicate a system malfunction.

WARNING

78) *Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger side airbag area, on side upholstery on the roof or on the seats. Never put objects (e.g. mobile phones) on the passenger's side dashboard since they could interfere with correct inflation of the airbag and also cause serious injury to the passengers.*

79) *The airbag must be able to inflate without obstruction in the event of deployment. It is therefore recommended not to drive with the body bent forward, but to sit up resting your back and shoulders on the backrest of the seat. Adjusting the position of the seat so that you can reach and manoeuvre the steering wheel*

comfortably with your arms slightly bent being as far away as possible from the steering wheel. Being too close to the steering wheel when the airbag is deployed may cause serious injury.

80) *The passenger side front and side airbags can be deactivated on the Connect system by selecting the following functions in sequence on the main Menu: "Settings"; "Safety"; "Passenger air bag" and "Deactivation".*

81) *Do not affix rigid objects to the garment hooks or support handles.*

82) *Do not rest your head, arms or elbows on the door, on the windows or in the window bag area to prevent injury during deployment.*

83) *Never lean your head, arms or elbows out of the window.*

84) *If when setting the ignition device to ON the warning light does not turn on or stays on whilst driving, a failure may have occurred in the restraint systems. In this case the air bags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Before continuing, contact a Dedicated Alfa Romeo Dealership immediately to have the system checked.*

85) *In the event of a LED* ***OFF*** *failure (located on the front courtesy light), the warning light on the instrument panel turns on.*

86) *On cars with side bags, do not cover the front seat backrests with extra covers.*

87) *Do not travel with objects in your lap, in front of your chest or held in your mouth (e.g., pipe, pencil etc.). They could cause severe injury if the airbag is deployed in a crash.*

88) *If the car has been subject to theft, attempted theft, vandalism, or flooding, have the air bag system inspected at a Dedicated Alfa Romeo Dealership.*

89) *Malfunction of the airbag failure warning light is indicated by the activation of an airbag failure icon and a dedicated message on the instrument panel display. The pyrotechnic charges are not disabled. Before continuing, contact a Dedicated Alfa Romeo Dealership immediately to have the system checked.*

90) *The front airbag deployment threshold is higher than that of the pretensioners. For impacts whose intensity falls between the two levels, normally, only the pretensioners will be activated.*

91) *The airbag does not replace seat belts but increases their efficiency. Because front airbags are not deployed for low-speed crashes, side collisions, rear-end shunts or rollovers, occupants are protected, in addition to any side bags, only by their seat belts, which must therefore always be fastened.*

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We have now reached the "heart" of the vehicle: let's see how to use the vehicle to its full potential. We'll look at how to drive safely in any situation, making it a welcome companion with our comfort and wallets in mind.

STARTING AND DRIVING

STARTING THE ENGINE

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STARTING THE ENGINE

Before starting the car, adjust the seat, the interior rear view mirrors, the door mirrors and fasten the seat belt correctly.

Never press the accelerator pedal for starting the engine.

If necessary, messages on the instrument panel indicating the starting procedure can be shown on the display.

STARTING PROCEDURE

92) 93) 94)

19) 20) 21)

Proceed as follows:

❒ engage the electric parking brake and set the gear lever to P (Park) or N (Neutral);

❒ fully depress the brake pedal without touching the accelerator;

❒ briefly press the ignition button;

❒ if the engine doesn't start within a few seconds, you need to repeat the procedure.

If the problem persists, contact a Dedicated Alfa Romeo Dealership.

ENGINE STARTING FAILURE

Starting the engine with electronic key battery (Keyless Start) run down or flat

If the ignition device does not respond when the relevant button is pressed the electronic key battery might be run down or flat. Therefore, the system does not detect the presence of the electronic key on board the car and displays a dedicated message on the instrument panel.

In this case, follow the instructions in paragraph "Starting with flat key battery" in the "Knowing your car" chapter and start the engine normally.

STOPPING THE ENGINE

21)

To stop the engine, proceed as follows:

❒ park the car in a position that is not dangerous for oncoming traffic;

❒ engage P (Park) mode;

❒ with engine idling, press the start button.

WARNING Do not leave the ignition device in the ON position when the engine is off.

Cars with electronic key (Keyless Start)

If the vehicle speed is above 8km/h, it is still possible to stop the engine, selecting a gear operation mode other than P (Park).

To switch off the engine in this situation, hold down the ignition device button for a while or press it 3 times in a row within a few seconds.

WARNING

92) *It is dangerous to run the engine in enclosed areas. The engine consumes oxygen and engine exhaust contains carbon dioxide, carbon monoxide and other toxic gasses.*

93) *The electro-hydraulic braking system is not active until the engine starts running. So, the brake pedal travel will be longer than normal. This does not indicate a fault.*

94) *Do not start the engine by pushing, towing or driving downhill. These manoeuvres may damage the catalytic converter.*

IMPORTANT

19) *We recommend that during the initial period, or during the first 1600 km (1000 miles), you do not drive to full car performance (e.g. excessive acceleration, long journeys at top speed, sharp braking, etc.).*

20) *With the engine stopped never leave the ignition device in the ON position to prevent useless current draw from draining the battery.*

21) *A quick burst on the accelerator before turning off the engine serves absolutely no practical purpose; it wastes fuel and is damaging for the engine.*

ENGINE RUN-IN

RECOMMENDATIONS FOR RUNNING IN THE ENGINE

Despite modern construction technology, the mechanical parts of the engine must be run in during the first 800 kilometres of travel up to the first engine oil change.

NOTE The consumption of engine oil and fuel in a new engine, during the first thousand kilometres of operation, before the first engine oil change, could be higher than usual. This is normal behaviour during the run-in period and should not be understood as an anomaly. Periodically check the engine oil level during the run-in period and top up, if necessary, as shown in the "Maintenance and care" chapter.

Observe following driving behaviour during the run-in period of the car.

From 0 to 100 miles (from 0 to 160 kilometres)

❒ Do not leave the engine idling for a long time.

❒ Gradually press the throttle pedal never more than halfway to avoid excessive acceleration.

❒ Avoid braking too hard.

❒ Drive keeping the engine under 3500 rpm.

❒ Keep your speed below 55 mph (90 km/h) and respect the speed limits in force in the country in which you are driving.

From 100 to 300 miles (from 160 to 500 kilometres)

❒ Gradually press the throttle pedal never more than halfway to avoid rapid acceleration in low gears (from 1st to 3rd).

❒ Avoid braking too hard.

❒ Drive keeping the engine under 5,000 rpm.

❒ Keep your speed below 70 mph (120 km/h) and respect the speed limits in force in the country in which you are driving.

From 300 to 500 miles (from 500 to 800 kilometres)

❒ Make full use of the full rpm range by manually shifting at higher revs where possible, in sequential mode using the gear lever or steering wheel paddles (where fitted).

❒ Do not hold the throttle pedal pressed, requiring maximum engine performance, for too long.

❒ Keep your speed below 85 mph (144 km/h) and respect the speed limits in force in the country in which you are driving.

:

During the first 2500 kilometres

❒ Avoid taking part in races on the track.

❒ Avoid sporty driving or similar activities.

WHEN PARKED

95) 96) 97)

WARNING In addition to parking the vehicle with the electric parking brake always engaged, the wheels turned, chocks or stones positioned in front of the wheels (when on a steep slope), you must always:

❒ engage P (Park) mode;

❒ always take the key with you when leaving the vehicle.

WARNING Always engage the electric parking brake before leaving the car.

ELECTRIC PARKING BRAKE

The car is equipped with electric parking brake to guarantee better use and optimal performance compared to a manually operated parking brake.

The electric parking brake features a switch, located on the central tunnel fig. 92, a motor with calliper for each rear wheel and an electronic control module.

92 07076S0993EM

The electric parking brake can be engaged in two ways:

❒ *manually*, by pulling the switch on the central tunnel;

❒ *automatically* in "Safe Hold" or "Auto Park Brake" conditions.

WARNING Normally, the electric parking brake is engaged automatically when the engine is stopped.This function can be deactivated/activated on the Connect system by selecting the following items in sequence on the main menu: "Settings", "Driver Assistance" and "Automatic Parking Brake".

WARNING Should the car battery be faulty, to unlock the electric parking brake the battery must be replaced.

Electric parking brake manual engagement

Briefly pull the switch located on the central tunnel to manually engage the electric parking brake when the car is stationary.

Noise may be heard from the rear of the car when engaging the electric parking brake.

A slight movement of the brake pedal may be detected when engaging the electric parking brake with the brake pedal pressed.

With the electric parking brake engaged, the (!) warning light on the instrument panel and the LED on the switch fig. 92 turn on.

WARNING With the (!) warning light on, some functions of the electric parking brake are deactivated. In this case the driver is responsible for brake activation and car parking in complete safety conditions.

If, under exceptional circumstances, the use of the electric parking brake is required with the car in motion, keep the switch on the central tunnel pulled as long as the electric parking brake action is necessary.

The warning light (!) may switch on with the hydraulic system temporarily unavailable; in this case braking is controlled by the motors.

The brake lights (stop) will also automatically switch on in the same way as for normal braking with the use of the brake pedal.

Release the switch on the central tunnel to stop the braking action with the car in motion.

If, through this procedure, the car is braked until a speed below 2 mph (3 km/h) is reached and the switch is kept pulled, the electric parking brake will definitively engage.

WARNING Driving the car with the electric parking brake engaged, or using it several times to slow down the car, may cause severe damage to the braking system.

Disengaging the electric parking brake manually

In order to manually release the parking brake, the ignition device should be in the ON position.

Moreover, you need to press the brake pedal, then press the switch on the central tunnel briefly.

Noise may be heard from the rear of the vehicle and a slight movement of the brake pedal may be detected during disengagement.

After disengaging the electric parking brake, the (!) warning light on the instrument panel and the LED on the switch fig. 92 turn off.

If the (!) warning light on the instrument panel remains on with the electric parking brake disengaged, this indicates

a fault: in this case contact a Dedicated Alfa Romeo Dealership.

WARNING Never use gear position P (Park) instead of the electric parking brake. Always engage the electric parking brake when parking the car to prevent injury or damage caused by the unexpected movement of the car.

ELECTRIC PARKING BRAKE OPERATING MODES

The electric parking brake may operate as follows:

❒ *"Dynamic operating mode"*: this mode is activated by pulling the switch repeatedly whilst driving;

❒ *"Static engagement and release mode"*: with the car stationary, the electric parking brake can be activated by pulling the switch on the central tunnel once. On the other hand, press the switch and the brake pedal at the same time to disengage the brake;

❒ *"Drive Away Release"*: (where provided) the electric parking brake will automatically disengage with the driver side seat belt fastened and the detection of an action performed by the driver to move the car (forward gear or reverse gear);

NOTE Before using "Drive Away Release" mode and moving the vehicle, it is necessary to buckle the seat belts or manually release the electric handbrake to prevent damage to the carbon-ceramic discs.

❒ *"Safe Hold"*: if the vehicle speed is lower than 2 mph (3 km/h), the gear lever is not in P (Park) position and the driver's intention of leaving the vehicle is detected, the electric parking brake will automatically engage to hold the vehicle in safety conditions;

❒ *"Auto Park Brake"*: if the vehicle speed is below 2 mph (3 km/h), the electric parking break will automatically engage when the gear lever is in P (Park) position. The LED on the switch located on the central tunnel fig. 92 switches on together with the warning light (!) on the instrument panel when the electric parking brake is engaged and applied to the wheels. Each automatic engagement of the electric parking brake can be cancelled by pressing the switch on the central tunnel and at the same time moving the gear lever for the transmission to position P (Park).

SAFE HOLD

It is a safety function that automatically engages the electric parking brake in the event of a dangerous condition for the car.

If:

❒ the car speed is below 2 mph (3 km/h);

❒ a transmission operating mode different from P (Park) is activated;

❒ the driver's seat belt is not fastened;

❒ the driver side door is open;

❒ no attempts to apply pressure on the brake pedal have been detected;

❒ the car is parked on roads which gradient higher than 4%;

the electric parking brake engages automatically to prevent car movement.

The Safe Hold function can be temporarily disabled by pressing the switch located on the central tunnel and the brake pedal at the same time, with the car stationary and the driver side door open.

Once disabled, the function will activate again when the vehicle speed reaches 18 mph (20 km/h) or the ignition device is moved to STOP and then to ON.

WARNING

95) *In the case of parking manoeuvres on roads on a gradient, the front wheels must be steered towards the pavement (when parking downhill), or in the opposite direction if the car is parked uphill. Block the wheels with a wedge or a stone if the car is parked on a steep slope.*

96) *Never leave children alone in an unattended car; make sure that when you*

move away from the car, you have the key with you.

97) *The electric parking brake must always be engaged when leaving the car.*

AUTOMATIC TRANSMISSION

eLUM

The car is equipped with an electronically controlled 8-speed automatic transmission where gear shifting automatically takes place, depending on the vehicle usage instantaneous parameters (vehicle speed, gradient, and accelerator pedal position).

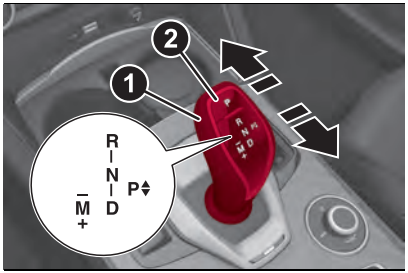
It is still possible to change gear manually thanks to the "sequential mode" position for the gear lever.

GEAR LEVER

The transmission is operated by means of the control lever (1) fig. 93 which can be used to select the following operating modes:

- **P** = Park
- **R** = Reverse
- **N** = Neutral
- **D** = Drive, (automatic forward speed)
- **AutoStick**: **+** shifting to a higher gear in sequential driving mode /shifting to a lower gear in sequential driving mode.

The operating mode positions diagram is illustrated on the top of the lever.



93 07076S0686EM

The letter corresponding to the selected mode lights up on the gear lever and also appears on the instrument panel display.

To select one of the operating modes, move the lever forwards or backwards and press the brake pedal at the same time.

To engage R (Reverse) mode, press the brake pedal and the button (3)fig. 94 in combination.

To pass from P (Park) mode directly to D (Drive) mode, in addition to pressing the brake pedal, it is also necessary to press button (3).

To pass from R (Reverse) mode directly to D (Drive) mode and vice versa, in addition to pressing the brake pedal, it is necessary to press button (3).

94 07076V0020EM

The gear lever functions like a joystick, so releasing it after giving the command, it automatically returns to the centre position.

The P (Park) mode can be enabled pressing the P (Park) (2) fig. 93 button.

If using the gear shift in "sequential" mode. you can activate it by moving the lever from D (Drive) to the left and then forward towards the - symbol or back towards the + symbol and the gear is shifted.

To exit position P (Park), or to pass from position N (Neutral) to position D (Drive) or R (Reverse) when the vehicle is stopped or is moving at a low speed, the brake pedal must also be pressed.

WARNING DO NOT accelerate while shifting from position P (or N) to another position.

WARNING After selecting a gear, wait a few seconds before accelerating. This

precaution is particularly important with engine cold.

TRANSMISSION OPERATING MODES

AutoStick - Manual (sequential) shifting mode

In the case of frequent shifting (e.g. during sporty driving, when the car is driven with a heavy load, on gradients, or with strong headwind), it is advisable to use the AutoStick (sequential shifting) mode to select and keep in a lower gear.

In these conditions, the use of a lower gear improves vehicle performance, preventing overheating.

It is possible to shift from D mode (Drive) to sequential mode regardless of vehicle speed.

Activation

Starting from D (Drive) mode, to activate the sequential drive mode, move the lever to the left (– and + indication of the trim). The gear engaged will be shown on the instrument panel display.

Gearshifting is made by moving the gear lever forwards, towards symbol – or backwards, towards symbol +.

Steering wheel stalks

Manual shifting is possible using the paddles positioned behind the steering wheel.

Pull the right shift paddle (+) towards the steering wheel and release it to shift up. Do the same operation with the left paddle (-) to shift down fig. 95.

To engage N (Neutral), pull both levers simultaneously.

To activate D (Drive) mode, from N (Neutral), P (Parking) and R (Reverse) position: push the brake pedal and the right lever (+).

95 **07076S0021EM**

WARNING If only one manual shift is necessary, the letter D will remain on the display of the instrument panel with the engaged gear shown next to it.

Deactivation

To deactivate the sequential driving mode, bring the gear lever back in position D (Drive) ("automatic" drive mode).

"LAUNCH MODE" FUNCTION

98)

The "Launch Mode" function is used for racing starts.

Activating this function optimises gear shifts during acceleration from a standstill.

The instrument panel display shows the icon illustrated in fig. 96, which may be one of two colours:

❒ **icon green**: function active;

❒ **icon grey**: function not active/not available.

The following conditions must be met in order to perform a "Launch Mode" start:

❒ engine oil temperature within correct parameters;

❒ no failures in engine or car's electronic systems;

❒ car at a standstill on a flat road surfaces with the wheels straight;

❒ electric parking brake not engaged.

There is a pause time of 45 seconds between activations.

96 **07076S0080EM**

Activation

With the car stationary, proceed as follows to activate this function:

❒ check that the gear lever is in the D position;

❒ in the Alfa DNA™ Pro" system, activate the "Race" driving mode;

❒ depress the brake pedal with your left foot and, simultaneously, fully depress the accelerator pedal with your right foot;

❒ release the brake pedal: in this way a more "lively" start is achieved.

When the brake pedal is released the car will start in its fastest mode (with shorter shifting times): the car will automatically shift gears to achieve the greatest possible acceleration once the correct engine speed for the gear shift is reached.

Deactivation

To deactivate the function, simply interrupt the above sequence of operations or release the accelerator pedal.

TRANSMISSION EMERGENCY FUNCTION

(where provided)

Transmission function is monitored electronically for abnormal conditions. If a condition that might damage the transmission is detected, the "transmission emergency" function is activated.

In this condition, the transmission stays in 4th gear, regardless of the selected gear. The P (Park), R (Reverse) and N (Neutral) modes continue to work.

The symbol ⚙ might be shown on the instrument panel display.

In the event of a "transmission emergency" immediately contact the nearest Dedicated Alfa Romeo Dealership.

Temporary failure

If the warning light turns on, the failure may be temporary, in which case, proceed as follows to restore correct transmission operation:

❒ stop the car;

❒ engage P (Park) mode;

❒ turn the ignition device to the STOP position;

❒ please wait for about 10 seconds, then restart the engine;

❒ shift into the desired gear range.

If the problem is no longer detected, the transmission will return to normal operation.

WARNING In the event of a temporary failure it is in any case recommended to contact a Dedicated Alfa Romeo Dealership as soon as possible.

GEAR ENGAGEMENT DISABLING SYSTEM WITHOUT BRAKE PEDAL PRESSED

This system prevents you from deactivating P (Park) mode if the brake pedal has not been previously depressed.

To bring the gear lever to a position other than P (Park), the ignition device must be in position AVV (engine on or off) and the brake pedal must be pressed.

You also need to press the brake pedal to shift from position N (Neutral) to position D (Drive) or R (Reverse) if the car is stationary.

WARNING

98) *While the Launch Mode function is being used, the ESC and ASR systems are deactivated. This means that car dynamic control is the sole responsibility of the driver. Therefore pay the utmost attention when using the Launch Mode. Take into account traffic and road surface conditions and during manoeuvres make sure there is enough room in the area concerned.*

"Alfa DNA™ Pro" SYSTEM

eLUM

DESCRIPTION

This device allows different car response modes to be selected according to driving style and road conditions using the selector fig. 97 (on the central tunnel).

97 04306S0086EM

❒ **d** = Dynamic (sports driving mode)
❒ **n** = Normal (mode for driving in normal conditions)
❒ **a** = Advanced Efficiency (ECO driving mode for maximum fuel savings)
❒ **RACE** = track race driving mode
❒ = adjusts the calibration of the suspensions

On some versions when the engine is stopped, the selector always returns to **n** (Normal) mode.

When RACE mode is active, the selector is illuminated in red.

DRIVING MODES

"Dynamic" Mode Engagement / disengagement

It is activated by rotating the selector to the letter "d", the displays light up in red.

To deactivate the Dynamic mode, move the selector to "n", Normal mode.

"Normal" Mode Engagement / disengagement

It is activated by rotating the selector to the letter "n", the displays light up in blue.

To deactivate the Normal mode, move the selector to another mode ("d" or "a").

"Advanced Efficiency" Mode Engagement / disengagement

It is activated by rotating the selector to the letter "a", the displays light up in green.

ESC and ASR systems: intervention thresholds aimed at ensuring maximum safety in low-grip driving conditions.
It is advisable to select "Advanced Efficiency" mode in the presence of low-grip road surfaces.

To deactivate the Advanced Efficiency mode, move the selector to "n", Normal mode.

WARNING The selector will always be positioned in Normal "n" mode when the engine is started.

"Race" mode Engagement / disengagement

It is activated by rotating the selector to position "Race", the displays light up in yellow.

To turn off the Race mode, move the selector to the "Race" position again and the system will be set to "d" mode.

START&STOP EVO

eLUM

99) 22)

The Start&Stop Evo system automatically stops the engine each time the car is stationary and starts it again when the driver wants to start off again.

In this way, the car efficiency is increased, by reducing consumption, emission of harmful gases and noise pollution.

OPERATING MODE

Stopping the engine

With car at a standstill and brake pedal pressed, the engine switches off if the gear lever is in a position other than R.

The system does not operate when the gear lever is in R, for making parking manoeuvres easier.

In the event of stops uphill, engine switching off is disabled to make the "Hill Start Assist" function available (works only with running engine).

NOTE Automatic stopping of the engine is not enabled until the car has exceeded a speed of about 6 mph (10 km/h). After an automatic restart, to stop the engine you only need to move the vehicle (exceed a speed of 0.3 mph / 0.5 km/h).

Engine stopping is signalled by the Ⓐ symbol lighting up on the instrument panel display.

Restarting the engine

To restart the engine, release the brake pedal or, for versions/markets where provided, turn the steering wheel slightly.

With brake pedal pressed, if the gear lever is in automatic D (Drive) mode, the engine can be restarted by moving the lever to R (Reverse) or "AutoStick".

If the gear lever is in "AutoStick" mode, the engine can be restarted by moving the lever to + or -.

SYSTEM MANUAL ACTIVATION / DEACTIVATION

To manually activate/deactivate the system, press the button inserted in the control panel on the left of the steering wheel, fig. 98.

98 07126S0005EM

System activation

The system activation is signalled by the symbol Ⓐ lighting up on the instrument panel. In this condition, the LED on the fig. 98 button is off.

System deactivation

A message will appear on the instrument panel display when the system is deactivated. In this condition, the LED on the button fig. 98 is off.

WARNING Each time the engine is started, the system is activated regardless of where was when it was previously switched off.

SAFETY FUNCTIONS

When the engine is stopped through the Start&Stop Evo system, if the driver releases their seat belt, opens the driver's or passenger's door or releases the engine bonnet from inside the car, the engine can be restarted only by using the ignition device.

This condition is indicated to the driver both through a buzzer and a message on the instrument panel display.

WARNING

99) *When replacing the battery, always contact a Dedicated Alfa Romeo Dealership. Replace the battery with a new one of the same EFB (Enhanced Flooded Battery) type and specifications.*

IMPORTANT

22) *If climate comfort is to be favoured, the Start&Stop system can be deactivated, for a continuous operation of the climate control system.*

SPEED LIMITER

eLUM

DESCRIPTION

This device allows the speed of the car to be limited to values which can be set by the driver.

The maximum speed can be set both with car stationary and in motion. The minimum speed that can be set is 20 mph (30 km(h).

When the device is active, the car speed depends on the pressure at the accelerator pedal, until the set speed limit is reached.

ACTIVATING THE DEVICE

The function can be activated/deactivated on the Connect system.

Activating the device

To access the function, select the "Driver Assistance" widget on the Connect system display.

The activation of the device is signalled by the displaying of the green symbol along with the last speed set.

SPEED LIMIT PROGRAMMING

To access the function, on the main menu select the following items in sequence: "Settings", "Safety" and "Speed Limiter - Set Speed".

By turning the Rotary Pad, the speed increases by 5 mph (5 km/h), on rotation, from a minimum of 20 mph (30 km/h) to a maximum of 110 mph (180 km/h).

DEACTIVATING THE DEVICE

Deactivating the device

To access the function, on the main menu select the following items in sequence: "Settings", "Safety", “Speed Limiter” and “Off”.

Automatic off of the device

The device deactivates automatically in the event of fault in the system. In this case, contact a Dedicated Alfa Romeo Dealership.

CRUISE CONTROL

eLUM

This is an electronically controlled driving assistance device that allows the desired car speed to be maintained, without having to press the accelerator pedal. This device can be used at a speed above 25 mph (40 km/h) on long stretches of dry, straight roads with few variations (e.g. motorways).

It is therefore not recommended to use this device on extra-urban roads with traffic. Do not use the device in town.

Travelling downhill, the system could brake the car to keep the set speed unvaried.

ACTIVATING THE DEVICE

100) 101) 102)

To activate the device press button fig. 99.

The white warning light on the instrument panel display switches on to indicate that the device is on.

The Cruise Control function can remain active concurrently with the Speed Limiter device. If a speed limit below the one indicated in the Cruise Control is selected, the Cruise Control speed will be lowered to that of the Speed Limiter.

99 0714650030EM

The device cannot be engaged in first or reverse gear: it is recommended to engage it in 3rd gear or higher.

WARNING It is dangerous to leave the device on when it is not used. There is a risk of inadvertently activating it and losing control of the car due to unexpected excessive speed.

SETTING THE DESIRED SPEED

Proceed as follows:

❒ activate the device;

❒ when the car has reached the desired speed, raise/lower the SET lever fig. 100 and release it to activate the device. When the accelerator is released, the car will maintain the selected speed automatically.

If needed (when overtaking for instance), you can accelerate simply by pressing the accelerator; when you release the pedal, the car goes back to the speed stored previously.

When travelling downhill with the device active, the car speed may slightly exceed the stored one.

WARNING Before raising/lowering the SET lever, the car must be travelling at a constant speed on a flat surface.

100 07146S0031EM

INCREASING / DECREASING SPEED

Once the Cruise Control has been activated, the speed can be increased/decreased by lifting the SET lever fig. 100.

Holding the lever raised/lowered, the set speed will increase until the lever is released, then the new speed will be stored.

Accelerating when overtaking

Depress the accelerator pedal: when this is released the car will gradually go back to the stored speed.

WARNING The device keeps the speed stored even uphill and downhill. A slight variation in the speed on slight rises is completely normal.

RECALLING THE SPEED

With the transmission in D mode (Drive - automatic), press and release the RES fig. 99 button to recall the previously set speed.

With an automatic transmission in Autostick (sequential) mode, before recalling the previously set speed you should accelerate to get close to it, then press and release the RES button.

DEACTIVATING THE DEVICE

Lightly pressing the brake pedal deactivates the Cruise Control without deleting the stored speed.

The Cruise Control may be deactivated also by applying the electric parking brake or when the braking system is operated (e.g. operation of the ESC system).

The stored speed is deleted in the following cases:

❒ pressing the on/off button or stopping the engine;

❒ if there is a malfunction in the Cruise Control.

DEACTIVATING THE DEVICE

The Cruise Control is deactivated by pressing the dated system on/off button or by putting the starter switch in the STOP position.

WARNING

100) *While driving with the device active, never move the gear lever to neutral.*

101) *In case of a malfunction or failure of the device, contact a Dedicated Alfa Romeo Dealership.*

102) *The Cruise Control can be dangerous if the system cannot keep a constant speed. In specific conditions speed may be excessive, resulting in the risk of losing control of the car and causing accidents. Do not use the device in heavy traffic or on winding, icy, snowy or slippery roads.*

PARK SENSORS SYSTEM

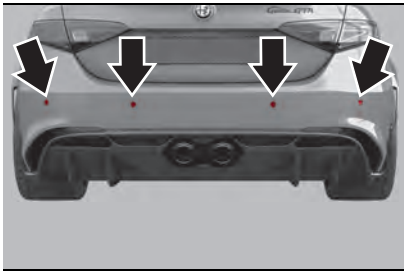
eLUM

103)

23) 24) 25)

SENSORS

The parking sensors, located in the rear bumper fig. 101, detect the presence of any obstacles and warn the driver through an acoustic warning and, where provided, visual indications on the instrument panel display.



101 07176S0015EM

Activating / deactivating the sensors

To turn off the sensors, press the button fig. 102

The LED in the button will light up or not when the system switches from on to off (and vice versa);

❒ **LED off**: sensors on;

❒ **LED on continuously**: sensors off.

The Park Sensors system can also be activated/deactivated in the "Driver Assistance" menu of the Connect system.

When the ignition device is set to ON the Park Sensors system keeps the last state when the engine was stopped (activated or deactivated) in its memory.

102 07176S0016EM

System activation/deactivation

When reverse gear is engaged, the system (when active) activates the rear sensors.

Engaging a different gear deactivates the sensors.

WARNING In particular operating conditions the system could start detecting the obstacle only after the car has moved slightly (a few centimetres).

General warnings

Some conditions may influence the performance of the parking system:

❒ reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence of: ice, snow, mud, thick paint, on the surface of the sensor;

❒ the sensor may detect a non-existent obstacle ("echo interference") due to mechanical interference, for example when washing the car, in rain (strong wind), hail;

❒ the signals sent by the sensor can also be altered by the presence of ultrasonic systems (e.g. pneumatic brake systems of trucks or pneumatic drills) near the vehicle;

❒ parking assistance system performance can also be influenced by the position of the sensors, for example due to a change in the ride setting (caused by wear to the shock absorbers, suspension), or by changing tyres, overloading the vehicle or carrying out specific tuning operations that require the vehicle to be lowered;

❒ the presence of adhesives on the sensors. Therefore, take care not to place stickers on the sensors.

WARNING

103) *Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. When performing these operations, always make sure that there are no other people (especially children) or animals on the route you want to take. The parking sensors are*

an aid for the driver, but the driver must never allow their attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.

IMPORTANT

23) *For correct operation of the system, sensors must always be clean from mud, dirt, snow or ice. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors must be washed using clean water, with the addition of vehicle shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away.*

24) *Have interventions on the bumper in the area of the sensors carried out only by a Dedicated Alfa Romeo Dealership. Interventions on the bumper that are not carried out properly may compromise the operation of the parking sensors.*

25) *Only have the bumper repainted or any retouches to the paintwork in the area of the sensors carried out by a Dedicated Alfa Romeo Dealership. Incorrect paint application could affect the operation of the parking sensors.*

REAR BACK-UP CAMERA / DYNAMIC GRIDLINES

DESCRIPTION

eLUM

The Rear Back-up Camera is located on the boot, near the opening button, fig. 103.

104)

26)

103 07186S0001EM

Camera activation/deactivation

The function can be activated/deactivated in the "Driver Assistance" Menu of the Connect system.

Activating the device

After activating the camera, it will be possible to select one of the following options:

❒ "*Activate*"

❒ "*Cam Delay*"

❒ "*Camera Guidelines*"

Select "Activate" to activate the camera view on the Connect system display.

Whenever reverse gear is engaged, the Connect system display, fig. 104, will show the area around the car, as seen by the Rear View Camera.

104 07186S0060EM

SYMBOLS AND MESSAGES ON THE DISPLAY

Activating the "Camera Guidelines" shows the guidelines on the display. If activated, the grid is positioned on the image to highlight the width of the car and the expected reversing path in accordance with the steering wheel position.

A superimposed central broken line indicates the centre of the car to facilitate parking manoeuvres. The various coloured areas indicate the distance from the rear of the car.

The table below shows the approximate distances for each area fig. 104:

Area	Distance from the rear of the vehicle
Red	0 - 1 ft (0 – 30 cm)
Yellow	1 - 3.3 ft (30 cm - 1 m)
Green	3.3 ft (1 m) or more

WARNING When parking, take the utmost care over obstacles that may be above or under the operating range of the camera.

WARNING

104) *Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The camera is an aid for the driver, but the driver must never allow his/her attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds. Always keep a slow speed, so as to promptly brake in the case of obstacles.*

IMPORTANT

26) *It is vital, for correct operation, that the camera is always kept clean and free from any mud, dirt, snow or ice. Be careful not to scratch or damage the camera while cleaning it. Avoid using dry, rough or hard cloths. The camera must be washed using clean water, with the addition of vehicle shampoo if necessary. In washing stations which use steam or high-pressure jets, clean the camera quickly, keeping the nozzle more than 10 cm away from the sensors. Also, do not apply stickers to the camera.*

REFUELLING THE VEHICLE

eLUM

105) 106) 107)

Before refuelling, check you are using the correct type of fuel. Furthermore, turn off the engine before refuelling.

Only refuel with unleaded petrol with octane number (R.O.N.) not less than 95, containing max. 10% Ethanol (E10), in compliance with European specification EN228.

For use on the track, to obtain the best performance, only refuel with unleaded petrol with octane number not less than 98, containing max. 5% Ethanol (E5), in compliance with the European specification EN228.

Do not use petrol containing methanol or ethanol E85. Using these mixtures may cause misfiring and driving issues, as well as damage vital components of the supply system.

WARNING The car's engine has been designed to comply with all emission limits while ensuring minimal consumption and maximum performance, using premium-quality unleaded petrol with an octane number (R.O.N.) of 98 or higher. Fuels containing ethanol and methanol should not be used when driving the car on a race track.

WARNING Never introduce leaded petrol to the tank, even in small amounts in an emergency, as this would damage the catalytic converter beyond repair.

REFUELING PROCEDURE

The fuel flap is unlocked when the central door locking system is released, while it is automatically locked when the central locking system is applied.

Opening the flap

To refuel proceed as follows:

❒ open flap (1) fig. 106 by pressing in the points shown by the arrow fig. 105;

❒ remove the closing cap (2) fig. 106;

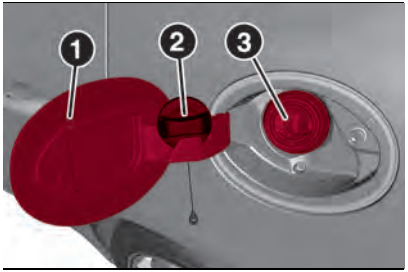
❒ put the cap back in position;

❒ insert the fuel nozzle into the fuel inlet (3) fig. 106 and refuel the vehicle;

❒ after refuelling, before removing the dispenser, wait for at least 10 seconds in order for the fuel to flow inside the tank;

❒ then remove the dispenser from the filler, close the cap and then close the flap.

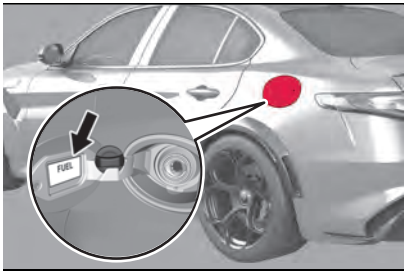
105 07206S0015EM



106 07226S0041EM

The refuelling procedure described previously is illustrated on the label applied inside the fuel flap.

The label also has the fuel type (UNLEADED FUEL = petrol) and the symbol that certifies compliance with the EN228 standards (petrol) fig. 107.



107 07206S0032EM

Fuels - identification of vehicle compatibility. Graphic symbol for consumer information in accordance with EN16942

The symbols, shown below, make it easier to recognise the correct fuel type to use with your car.

Before refuelling, check the symbols (where provided) inside the fuel filler flap and compare them with the symbols shown on the fuel pump (where provided).

Symbols for petrol powered cars

E5: unleaded petrol containing up to 2.7% (m/m) of oxygen and up to 5.0% ethanol (V/V) compliant with EN228 specifications. Unleaded petrol containing up to 2.7% (m/m) of oxygen and up to 5.0% of ethanol (V/V) compliant with EN228 specifications.

E10: unleaded petrol containing up to 3.7% (m/m) oxygen and with maximum 10.0% (V/V) ethanol compliant with the EN228 specification.

EMERGENCY FUEL FLAP OPENING

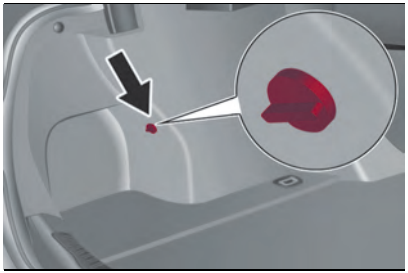
In the event of an emergency the fuel flap can be opened by operating from inside the luggage compartment.

Proceed as follows:

❒ open the boot and reach the emergency opening cable placed on the side of the fuel filler fig. 108;

❒ pull the cord to unlock the fuel flap;

❒ open the fuel flap by pressing on it (see the previous instructions).



108 07206S0006EM

WARNING If the filler compartment is washed with a high-pressure jet, keep it at a distance of at least 20 cm.

WARNING

105) *Do not apply any object/cap to the end of the filler which is not provided for the car. The use of non-compliant objects/plugs could cause a pressure increase inside the tank, resulting in dangerous situations.*

106) *Do not approach naked flames or lit cigarettes to the fuel tank filler: fire risk. Keep your face away from the fuel filler to prevent breathing in harmful vapours.*

107) *Do not use a mobile phone near the refuelling pump: risk of fire.*

DRIVING TIPS

eLUM

SAVING FUEL

Below are some suggestions which may help you save fuel and thus lower the amount of harmful emissions released into the atmosphere.

Car maintenance

Checks and operations should be carried out in accordance with the "Service Schedule" (see the "Maintenance and care" chapter).

Tyres

Check the tyre pressures at least once every four weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with an overloaded boot. The weight of the vehicle and its arrangement greatly affect fuel consumption and stability.

Electric devices

Use electrical devices only for the amount of time needed. The heated rear window (where provided), additional headlights, screen wipers and heater fan require a considerable amount of energy; increasing the current uptake increases fuel consumption (by up to +25% in an urban cycle).

Climate control system

Using the climate control system will increase consumption: use standard ventilation when the temperature outside permits.

DRIVING STYLE

Start

Do not warm up the engine at low or high revs when the car is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high speeds: in this way the engine will warm up more quickly.

Unnecessary actions

Avoid accelerating when stopped at traffic lights or before switching off the engine. This is absolutely pointless and increases fuel consumption and pollution.

Gear selection

Use a high gear when traffic and road conditions allow it. Using a low gear for faster acceleration will increase fuel consumption. In the same way, improper use of a high gear increases consumption, emissions and engine wear.

Top speed

Fuel consumption considerably increases as speed increases. Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of both fuel consumption and emissions.

Acceleration

Accelerating violently severely affects consumption and emissions: acceleration should be gradual and should not exceed the maximum torque.

CONDITIONS OF USE

Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature. Consequently, both consumption (from +15 to +30% on the urban cycle) and emissions will increase.

Traffic and road conditions

High fuel consumption is caused by heavy traffic, for instance when travelling in a queue with frequent use of low gears or in cities with many traffic lights. Winding mountain roads and rough road surfaces also adversely affect consumption.

Stops in traffic

During prolonged hold-ups (e.g. level crossings) switch off the engine.

BRAKES

⚠ 108)

In order to guarantee the maximum braking capacity for the first use, Alfa Romeo performs a "run-in" procedure for discs and pads directly at the factory.

The use of carbon-ceramic material brake discs guarantees braking features (better deceleration/pedal load ratio, braking distances, fading resistance) proportional to the dynamic features of the car in addition to considerably decreasing the unsprung component weight.

The materials used and the structural features of the system could generate anomalous noises which have absolutely no adverse effect on correct operation and reliability of the braking system.

Greater pressure may need to be applied to the brake pedal the first time to keep the same braking capacity in presence of condensation or salt on the braking surfaces, for example after washing or if the car is not used for a long time.

WARNING Given the high technological level of this system, any servicing on it must be performed by a Dedicated Alfa Romeo Dealership with the exclusive skills needed for the repair operations.

WARNING In case of intensive, high-performance use of the car, have the condition of the carbon-ceramic material braking system inspected at a Dedicated Alfa Romeo Dealership, as shown on the Service Schedule.

Overheating of the brakes

The braking system components may overheat when driving on mountain roads with steep gradients or during sporty use of the car. When this happens, there may be noise/vibrations while braking.

When you reach the destination, do not stop the engine immediately, but leave it idling for a few minutes to let the braking system components cool down and to lubricate the engine parts properly.

To make the car safe when it is parked, apply the safety provisions of the Highway Code before leaving the car:

❒ engage P (Park) mode;

❒ position the wheels at full lock;

❒ engage the electric parking brake;

❒ when parked on a steep slope, place chocks or stones behind the wheels.

DRIVING ON RACE TRACKS

Before driving on a track using a racing style, it is necessary to:

❒ attend a race track driving course;

❒ check the liquid levels in the engine compartment. For more information, see the "Checking levels" paragraph in the "Maintenance and care" chapter;

❒ have the car inspected at a Dedicated Alfa Romeo Dealership.

Remember that the car was not designed to be driven exclusive on the race track and that this use increases stress and component wear.

Preheating the carbon ceramic breaks

The brake discs must be warmed up to make them fully efficient. You are advised to perform the following procedure:

❒ brake nine times from 80 mph (130 km/h) to 20 mph (30 km/h) with deceleration equal to 0.7 g (the longitudinal acceleration value is shown on the instrument panel display by setting RACE mode and selecting the "Performance" page) with 20 second intervals between brake applications; keep the car at a speed comprised between 37 mph (60 km/h) and 60 mph (100 km/h) and do not brake for 240

seconds to allow the brakes to cool down;

❒ then brake three times from 125 mph (200 km/h) to 20 mph (30 km/h) with deceleration equal to 1.1 g (ABS operation) with 30 second intervals between brake applications; keep the car at a speed comprised between 37 mph (60 km/h) and 60 mph (100 km/h) and do not brake for 300 seconds to allow the brakes to cool down.

❒ always check whether the brake pads and discs are worn before each track session (a dedicated message appears on the instrument panel/Connect system if the brake discs and pads are work and need replacement) and inspect the brake pipes for damage whenever the brake pads are changed;

❒ in case of track driving, the brake fluid must be changed more often than stated in the Service Schedule. The brake fluid must also have been changed within the previous 12 months;

❒ if the car is used for track driving often, you are advised to have the carbon ceramic disc brakes (CCB) inspected by a Dedicated Alfa Romeo Dealership.

WARNING

108) *After the car has been stopped for a long time in a very cold place (temperature below 0 °C), for the first five brakes, the carbon-ceramic braking system efficiency is not optimal, so you may need slightly more pressure on the brake pedal.*

TOWING TRAILERS

The car is not type-approved for towing.

Blank page

Have a flat tyre or a burnt-out bulb?
At times, a problem such as these may interfere with your driving experience.
The pages on emergencies can help you to deal with critical situations independently and calmly.
In an emergency, we recommend that you call the phone number found in the Warranty Booklet.
You can also use the universal, national or international freephone number to find your nearest Dedicated Alfa Romeo Dealership.

IN CASE OF EMERGENCY

HAZARD WARNING LIGHTS

CONTROL

27)

Press hazard lights button fig. 109 to switch the lights on/off.

When the hazard lights are on, the warning lights ⇦ and ⇨ flash.

When you need to move away from the vehicle to look for help, the hazard warning lights will continue flashing even if the ignition device is in the STOP position.

109 08016S0001EM

WARNING The use of hazard warning lights is governed by the highway code of the country you are driving in: comply with legal requirements.

Emergency braking

In the event of emergency braking, the hazard lights are switched on and the warning lights ⇦ and ⇨ appear on the instrument panel, depending on the mode selected by the “Alfa DNA™ Pro” selector.

When the "Alfa DNA™ Pro" selector is in position "n" or "a", the activation threshold of the hazard warning lights is higher, while in position "d" the sensitivity of the activation is lower than that in the "n" and "a" modes.

With the "Alfa DNA™ Pro" selector in the "RACE" position, the hazard warning lights do not activate.

The lights switch off automatically when emergency braking ceases. For further details about the emergency braking, see the "Active safety systems" paragraph in the "Safety" chapter.

IMPORTANT

27) *A prolonged use of the hazard warning lights may discharge the battery.*

SOS CALL AND ASSIST CALL

(for versions/markets where provided)

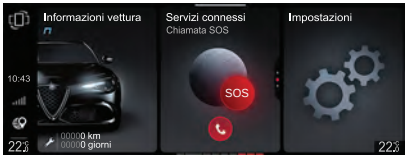
The car is equipped with on-board assistance functions designed to provide support in the event of accident and/or emergency (SOS) or malfunctions of the vehicle (roadside assistance - ASSIST) managed by means of Alfa Connect Box.

The SOS function is activated:

❒ automatically in the event of a major collision recorded by the device aboard the vehicle;

❒ manually, by pressing the SOS button located on the ceiling light fig. 110 or by means of the appropriate menu fig. 111 on the Connect system (for versions/markets, where provided).

110 04136S0073EM



111 12126S2098EM

WARNING **If the SOS emergency service is activated, the call will be automatically routed to a private Call Centre. We hereby specify that, whenever the SOS call is referred to the text, the SOS call is to be considered managed by private service providers. This SOS call service is not the e-call service.** .

The SOS service is valid for 5 years from delivery of the vehicle; in any case, it is advisable to consult the Connectivity section of the official Alfa Romeo website for updates on the terms of service.

The ASSIST function is activated:

❒ automatically (for versions/markets, where provided) following malfunctions of the braking system, fuel system, engine, etc.

❒ manually by selecting the appropriate menu fig. 112 on the Connect system (for versions/markets where provided).

112 12126S2099EM

The SOS and ASSIST functions are active with:

❒ ignition device is at ON;

❒ ignition device in STOP position and Connect system display on.

After the SOS and ASSIST functions (for versions/markets, where provided) have been activated automatically or manually, pressing the corresponding button will send the position data to the operational centre and make a voice call to an operator.

NOTE If the SOS or Assist functions do not work, the fault in the system will be indicated on the display. Go as soon as possible to an authorised workshop to have the function repaired.

NOTE The correct operation of the SOS and ASSIST services will be guaranteed only by a good network coverage.

WARNING The SOS Call and ASSIST Call functions may not be available for the first minute after the car is started.

Privacy: GPS location is always active, for both SOS and Assist calls. Deactivating it via the "Settings" menu of the Connect system will make some of the other services unavailable (see the "Settings" chapter of the Connect system for more details).

WARNING The icon is shown at the bottom left of the Connect system display when the geolocation function is active (ON). When geolocation is on, the vehicle position is tracked to enable the functions that require it. When geolocation is off, the vehicle position is only tracked by the navigation, safety, insurance and driver assistance systems (where provided). See the Connect system "Settings" chapter to deactivate the function.

MANUAL SOS CALL

In the event of need, hold the SOS button on the front ceiling light fig. 110 pressed for 2 seconds or press the button fig. 111 on the Connect display (for versions/markets where provided).

The SOS button located on the ceiling light will light up after connecting to an SOS operator and will turn off when the connection is ended.

NOTE If the SOS call button is pressed by mistake, it is possible to press it again within 10 seconds to cancel the operation or press the cancel button on the Connect system display.

Once the connection has been established, the following data will be automatically transmitted to the Operations Centre, as authorised by the customer:

❒ indication that the occupant has made an SOS call;

❒ the brand of the car;

❒ the most recent known GPS coordinates of the car.

If you are able to speak to the operator, do so through the car audio to provide additional information about the request for help.

If the system is unable to establish the voice call, or the line disconnects due to insufficient coverage, the SOS service will try to call the operational centre again for 5 minutes.

If the operational centre needs to contact the car again, the system can receive an incoming call, which will be accepted automatically.

WARNING **Once the service has expired, you will not be put in contact with an operational centre and the system will alert you that the service is not available**.

WARNING Any malfunctions detected by the SOS calling system will be notified:

❒ during the start-up phase;

❒ when the malfunction is detected;

by displaying a respective message on the Connect system display. Contact an Alfa Romeo Dealership as soon as possible.

WARNING In the event of danger (fire, visible smoke or hazardous road conditions or dangerous positions), do not wait for voice contact with the SOS service operator, but exit from the car immediately and go to a safe place, if in a condition to do so.

WARNING Do not place network antennas, CB radios or aftermarket electrical equipment to avoid interference. Such interference could prevent the system form making the emergency call.

WARNING Ignoring malfunction warnings displayed by the Connect system for a long time could lead to being unable to make an SOS call when needed.

Even if the SOS call system is fully functional, factors outside the control of FCA could interfere with or prevent operation of the SOS call. Such factors can be caused by the car electrical systems not being intact, damage to the SOS system during the accident, obstructed or unavailable satellite signals, network congestion, adverse weather conditions, buildings, interfering structures, tunnels, etc.

ASSIST CALL

(for versions/markets where provided)

Pressing the graphic buttons fig. 112 located on the display of the Connect system makes a call to one or more of the following services:

❒ **Roadside Assistance**: if case of need, a connection will be established with the roadside assistance authority which will receive the vehicle type and its position directly. Additional roadside assistance charges may apply.

❒ **Customer Care** (for versions/markets, where provided): Customer service to provide support in case of problems to the car.

NOTE The relative menus and the Connect system status bar will change display state depending on the actions performed, and it will be possible to monitor each stage of the assist call (connection, duration, ending, connection errors, etc.).

NOTE If the ASSIST call button is pressed by mistake, the call can be ended by pressing the cancel button on the Connect system display.

Once the connection has been established, the following data will be

automatically transmitted, as authorised by the customer:

❒ indication that the occupant has made an ASSIST call;

❒ the brand of the car;

❒ the most recent known GPS coordinates of the car;

❒ the type of error that occurred on the car that automatically sent the ASSIST request (in the case of an automatic call - for versions/markets, where provided).

The call will be made through the car sound system to provide any additional information about the assistance request.

If the system is unable to establish the voice call, or the line disconnects due to insufficient coverage, the ASSIST service will try to call the Operations Centre again for certain number of times.

WARNING If you have not subscribed to the related services or the Roadside Assistance package has expired or is unavailable for purchase, the ASSIST call will not be available. For further information visit the Alfa Romeo official website.

WARNING If the ASSIST call system detects a malfunction, it is indicated by a corresponding message on the Connect system display. Contact an Alfa Romeo Dealership as soon as.

If an emergency call (SOS) is active and an ASSIST call is requested, the latter will not be delivered.

Alfa Connect Box SYSTEM BATTERY

The Alfa Connect Box system is provided with an independent battery that allows the operation of some connected services even if the car battery is disconnected.

The system will warn the user of the need to replace this battery by displaying a dedicated message on the display of the Connect system (for versions/markets where provided) and by means of a notification via mobile app (for versions/markets, where provided).

Go to an Alfa Romeo dealership as soon as possible.

NOTE: Failure to replace the battery and, consequently, failure to observe the warnings provided by the system could affect or entirely prevent service operation.

NOTE Regardless of charge, the battery must be replaced every 5 years by an Alfa Romeo dealership.

REPLACING A BULB

109) 110) 111)

GENERAL INSTRUCTIONS

❒ Before replacing a bulb check the contacts for oxidation.

❒ Replace blown bulbs with others of the same type and power.

❒ When a light is not working, check that the corresponding fuse is intact before changing the bulb. For the location of fuses, refer to the paragraph "If a fuse blows" in this chapter.

WARNING In some particular climate conditions such as low temperature, humidity or after washing the car, a thin condensation layer may form on the internal surfaces of the front and rear headlights. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the transparent cover which does not indicate a fault and does not compromise the normal operation of lighting devices. It will disappear during normal use.

WARNING

109) *Before replacing the bulb, wait for the exhaust ducts to cool down: DANGER OF SCALDING!*

110) *Modifications or repairs to the electric system that are not carried out properly or do not take the system technical specifications into account can cause malfunctions leading to the risk of fire.*

111) *Only replace the light bulbs when the engine is off and in a position that does not interfere with traffic and lets you safely replace them (see the description in the "Replacement" paragraph). Also ensure that the engine is cold, to prevent the risk of burns.*

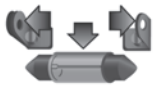
BULB TYPES

The car is equipped with the following bulbs

Glass bulbs (type A): they are press-fitted. Pull to extract.

A 

Tubular bulbs (type B): release them from their contacts to remove.

B 

Xenon gas discharge bulb (type C): to remove the bulb, contact a Dedicated Alfa Romeo Dealership.

C 

Light bulbs	Type	Power	Figure reference
Day lights (DRL)	LED	–	–
Front direction indicators	LED	–	–
Main beam/dipped beam headlights (Xenon gas discharge)	D3S	35W	C
Sun visor courtesy light	1.5CP	2.1W	B
Glove compartment light	W5W	4W	A
Boot light	W5W	5W	A
Puddle light (under door panel) (where provided)	W5W	5W	A

REPLACING AN EXTERNAL BULB

LED direction indicators

For replacement of the LED direction indicators, contact a Dedicated Alfa Romeo Dealership.

LED daytime running lights (DRL)

For replacement of the LED daytime running lights (DRL), contact a Dedicated Alfa Romeo Dealership.

Front light cluster with main beam / dipped beam Xenon gas discharge headlights

To access the light clusters, lock the wheels completely to one side and proceed through the wheel arch to remove the top cover fig. 113 by unscrewing the fixing screws.

NOTE For replacement of the main beam / dipped beam Xenon gas headlight bulbs contact a Dedicated Alfa Romeo Dealership.

113 08026S0001EM

REPLACING AN INTERNAL BULB

Courtesy mirror light

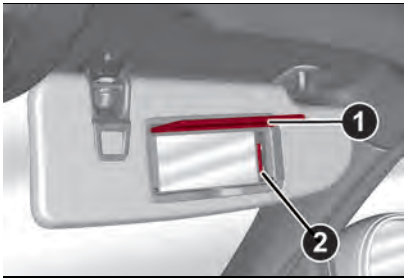
To replace the bulbs, proceed as follows:

❒ lift the cover (1) fig. 114 of the mirror and extract the lens, levering at one of the two recesses;

❒ change the bulb (2), releasing it from the side contacts, then insert the new bulb, making sure that it is correctly fastened between the contacts;

❒ refit the lens, inserting it firstly on one side and then pressing on the other side until it clicks into place;

❒ finally, lower cover (1) of the mirror.



114 08026S0008EM

Glove compartment light

To replace the bulb, proceed as follows:

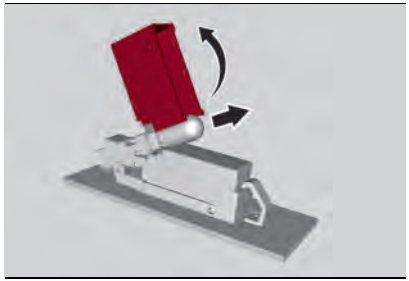
❒ open the glove compartment;

❒ extract the light by working in the point shown by the arrow fig. 115;

❒ open the protection and replace the bulb, fig. 116;

❒ close the cover on the lens;

115 08026S0009EM



116 08026S0011EM

❒ refit courtesy light, inserting it firstly on one side and then pressing on the other side until it clicks into place;

❒ then replace the glove compartment, ensuring that it locks.

Luggage compartment courtesy lights

To replace the bulbs, proceed as follows:

❒ open the boot and extract the courtesy

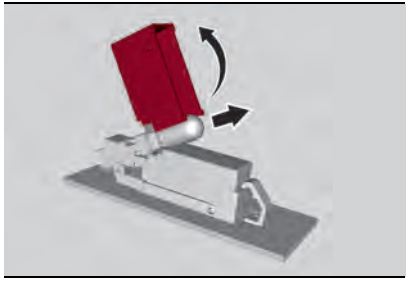
light working in the point shown by the arrow, fig. 117;

❒ open the protection and replace the bulb, fig. 118;

❒ close the cover on the lens;

❒ refit the ceiling light in the correct position, inserting it firstly on one side and then pressing on the other side until it clicks into place.

117 08026S0030EM



118 08026S0011EM

Puddle lights on door panel

(where provided)

To replace the bulb, proceed as follows:

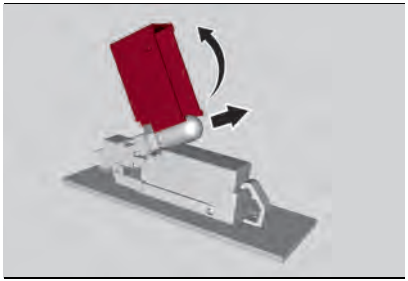
❒ open the door and extract the courtesy light, working in the point shown by the arrow, fig. 119;

❒ open the protection and replace the bulb, fig. 118;

❒ close the cover on the lens;

❒ refit the ceiling light in the correct position, inserting it firstly on one side and then pressing on the other side until it clicks into place.

119 08026S0012EM



120 08026S0011EM

FUSES

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For fuse replacement, contact a Dedicated Alfa Romeo Dealership.

GENERAL INFORMATION

112) 113) 114) 115) 116) 117)

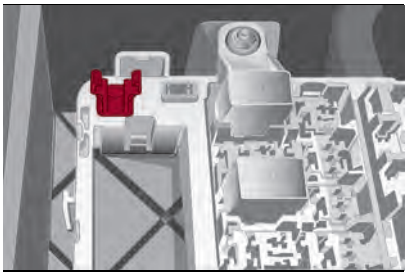
28)

Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper action on the system.

Fuse tongs

To replace a fuse, use the tongs housed in the luggage compartment fusebox cover fig. 121.

Grab the pliers from the upper tabs, press them and extract the pliers pulling upwards.

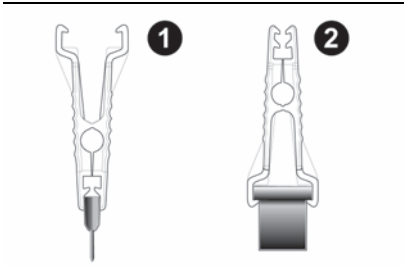


121 08036S0053EM

The pliers fig. 122 have two different ends, specifically designed to remove the different types of fuse present in the car:

❒ **1**: MINI fuse;

❒ **2**: J-CASE fuse.



122 08036S0005EM

After use, refit the pliers in position, proceeding as follows:

❒ grasp the pliers from the upper tabs;

❒ press the tongs in their housing, pushing downwards, until they click into place.

FUSE LOCATION

The fuses, which can be replaced by the user, are grouped in two boxes below the passenger side foot board and inside the boot.

FUSEBOX UNDER PASSENGER SIDE FOOTBOARD

To access the fuses, proceed as follows:

❒ lift the upper end of the footboard (1) fig. 123 on the passenger side, pulling it to release the buttons (2);

❒ remove the panel (2) fig. 124, extracting it downward, after unscrewing the two fixing hooks;

❒ the fuses are freely accessible on the control unit.

123 08036S0010EM

124 08036S0011EM

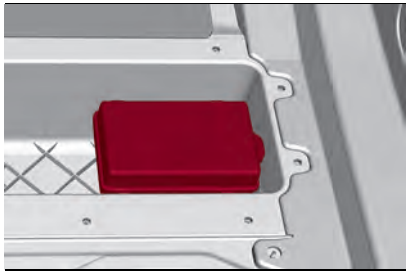
The number identifying the electrical component corresponding to each fuse is shown on the control unit cover.

LUGGAGE COMPARTMENT FUSEBOX

To access the fuses, proceed as follows:

❒ lift the load carrying plane;

❒ remove the fusebox cover fig. 125;



125 08036S0014EM

The number identifying the electrical component corresponding to each fuse is shown on the control unit cover.

After replacing a fuse, make sure that you have closed cover correctly.

WARNING

112) *For fuse replacement, contact a Dedicated Alfa Romeo Dealership.*

113) *Never replace a fuse with another with a higher amp rating; RISK OF FIRE.*

114) *Before replacing a fuse, make sure that the ignition device is at STOP and that all devices are switched off and/or disconnected.*

115) *Contact a Dedicated Alfa Romeo Dealership if a safety system (airbags, brakes), transmission system (engine, gearbox) or steering system general protection fuse blows.*

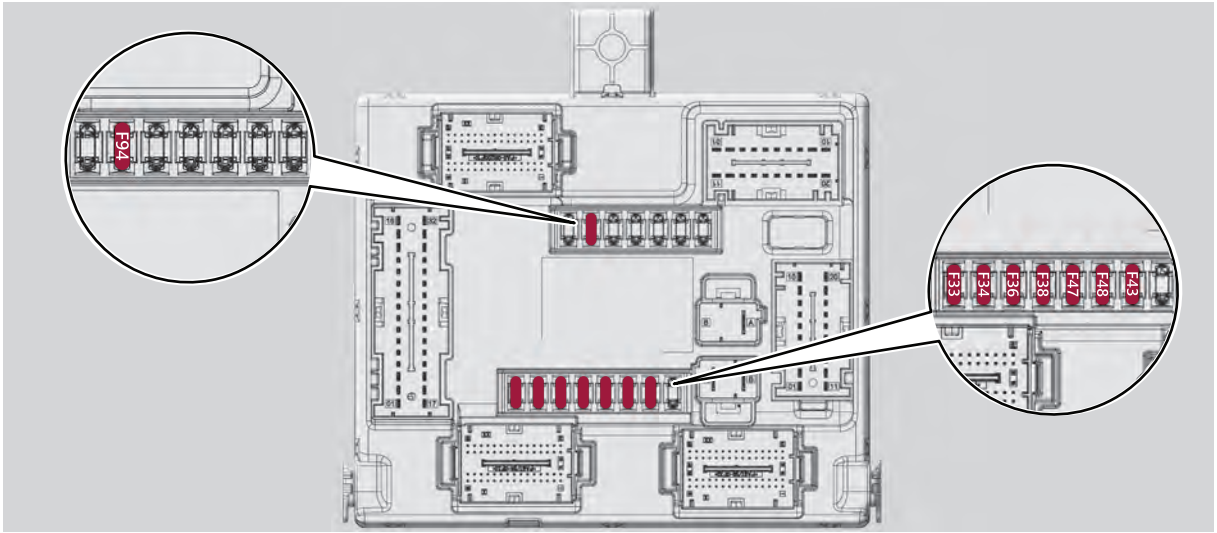
116) *If a fuse blows again, contact a Dedicated Alfa Romeo Dealership.*

117) *If a general protective fuse (MAXI-FUSE, MEGA-FUSE, MIDI-FUSE) blows, contact a Dedicated Alfa Romeo Dealership.*

IMPORTANT

28) *Never replace a faulty fuse with metal wires or anything else.*

FUSEBOX UNDER PASSENGER SIDE FOOTBOARD



126

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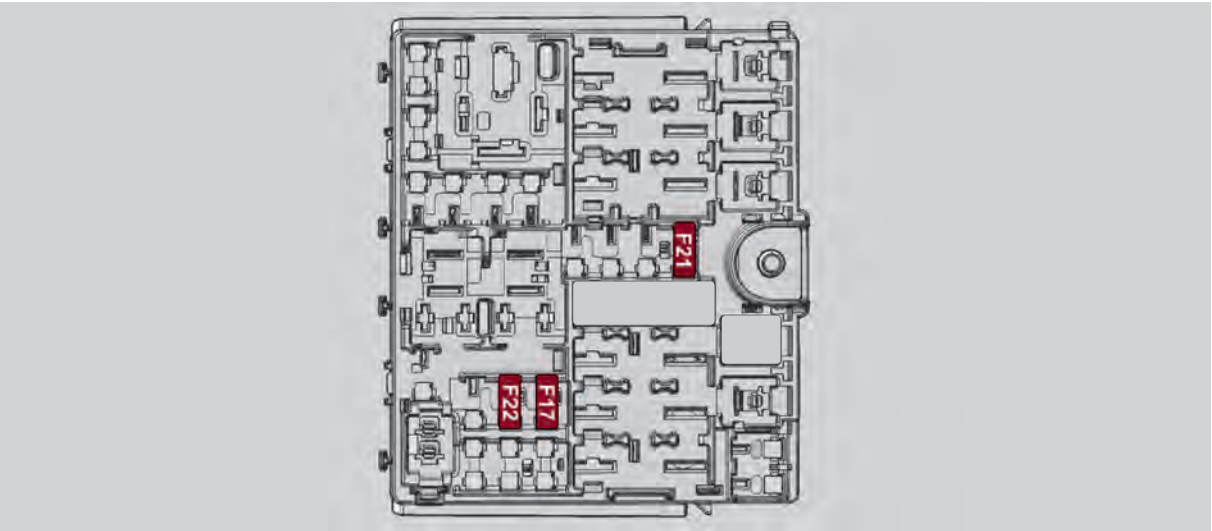
FUNCTION	FUSE	AMPERE
Front electric window (driver side)	F33	25
Front electric window (passenger side)	F34	25
Power supply for Connect system / Climate Control system / Alarm / Electric door mirror folding / EOBD system / USB port	F36	15
Power Lock Device (Driver side door unlocking - where provided) / Door unlocking / Central locking	F38	20

FUNCTION	FUSE	AMPERE
Windscreen washer pump	F43	20
Left rear electric window (GTA versions only)	F47	25
Right rear electric window (GTA versions only)	F48	25
Defrosting relay coil	F94	15

LUGGAGE COMPARTMENT FUSEBOX



127

08036S0056EM

FUNCTION	FUSE	AMPERE
KL15/a USB Recharge (C070)	F17	7.5
I-Drive / USB / AUX port (where provided)	F21	10
KL15/a 12V Power outlet (R053)	F22	20

CHANGING A WHEEL

GENERAL INSTRUCTIONS

The car is equipped with the "Tyre Repair Kit": see contents of the “Tyre Repair Kit” paragraph for how to use this device.

WHEEL REPLACEMENT PROCEDURE

118) 119)

Central wheel nut tightening torque: 850 Nm

WARNING The car’s wheels are centrelock type, with just one central nut. Always contact a Dedicated Alfa Romeo Dealership to have a wheel changed, since special equipment is required and a jack is not supplied with the car.

WARNING

118) *Contact a Dedicated Alfa Romeo Dealership for any procedure which requires removal of a wheel.*

119) *Removal of the centrelock single wheel nut using unsuitable equipment may impair its operation and thus put the car’s safety at risk.*

TYRE REPAIR KIT

eLUM

DESCRIPTION

120) 121) 122) 123) 124) 125) 126) 127) 128) 129)

29)

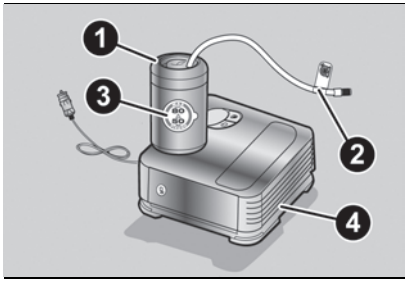
3)

The Tyre Repair Kit is located in the boot, inside a specific container.

To access the Tyre Repair Kit, open the boot, lift the load platform.

The Tyre Repair Kit includes also:

❒ a bottle (1) fig. 128 containing sealant, provided with: filling pipe (2) and adhesive label (3) with the words "Max. 80 km/h", to be attached in a position easily visible to the driver (e.g. on the dashboard) after repairing the tyre;



128 08066S0002EM

❒ compressor (4) complete with pressure gauge and connectors;

❒ an instruction leaflet, to refer to for prompt and correct use of the Tire Repair Kit and that must be then given to the personnel dealing with the tyre treated with sealant;

❒ a pair of protective gloves;

❒ some adaptors, for inflating different elements.

WARNING The sealing liquid is effective for outside temperatures between - 40°F and +122°F (- 40°C and +50°C). The sealant has an expiry date.

TYRE REPAIR PROCEDURE

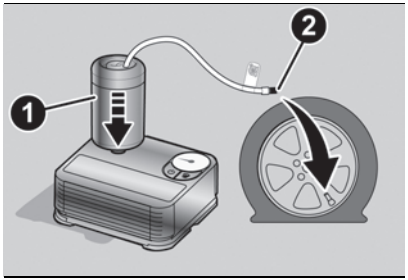
120) 121) 123) 124) 125) 126) 127) 128)

Proceed as follows:

❒ engage the electric parking brake.

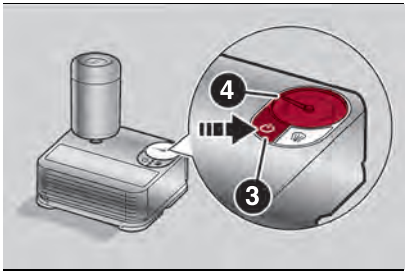
Insert the bottle (1) fig. 129 containing the sealant in the proper compressor holder, pressing down hard.

Unscrew the tyre valve cap, take out the inflation hose (2) and tighten the ring on the tyre valve;



129 08066S0004EM

❒ make sure that switch (3) fig. 130 of the compressor is in OFF position;



130 08066S0052EM

❒ insert the plug into the socket on the central tunnel, start the engine;

❒ start the compressor, placing the switch (3) fig. 130 in the ON position;

❒ inflate the tyre to the pressure indicated in the "Rims and Tyres" paragraph (see "Technical data" chapter). In order to obtain a more precise reading, check the pressure value on pressure gauge (4) fig. 130 with the compressor off;

❒ if after 15 minutes pressure is not at least 26 psi (1.8 bar), disengage the compressor from the valve and power socket, then move the car forwards approx. five wheel turns in order to distribute the sealant inside the tyre evenly, then repeat the inflation operation;

❒ if you still cannot obtain a pressure of at least 26 psi (1.8 bar) within 15 minutes from the compressor switching on, do not drive off and contact a Dedicated Alfa Romeo Dealership;

❒ after having driven for about 5 miles (8 km), stop, engage the electric parking brake and recheck the tyre pressure;

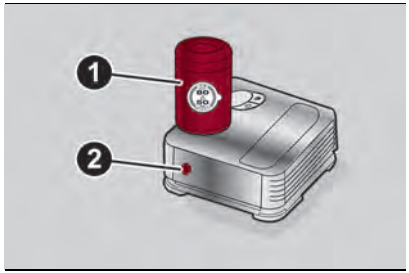
❒ if the pressure is less than 26 psi (1.8 bar), do not continue your journey but see a Dedicated Alfa Romeo Dealership;

❒ if a pressure value of at least 26 psi (1.8 bar) is detected, restore the correct pressure (with engine running and electric parking brake), resume driving immediately and drive with great care to a Dedicated Alfa Romeo Dealership.

REMOVING THE CARTRIDGE FROM THE COMPRESSOR

WARNING Only use original cartridges which can be purchased at a Dedicated Alfa Romeo Dealership.

Remove the bottle (1)fig. 131 by pressing on the release button (2).



131 08066S0099EM

WARNING

120) *Punctures on the sides of the tyre may not be repaired. Do not use the Tyre Repair kit if the tyre was damaged as a result of being used when underinflated.*

121) *Wear the protective gloves provided with the Tyre Repair kit.*

122) *Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the Tyre Repair Kit. Drive carefully, particularly on bends. Do not exceed 80 km/h. Avoid sudden acceleration or braking.*

123) *You must always indicate that the tyre was repaired using the Tyre Repair Kit. Give the booklet to the technicians who will be handling the tyre that was treated using the Tyre Repair Kit.*

124) *Repairs are not possible in the case of damage to the wheel rim (bad groove distortion causing air loss). Do not remove foreign bodies (screws or nails) from the tyre.*

125) *Never operate the compressor for longer than 20 consecutive minutes. Risk of overheating. The Tyre Repair Kit is not suitable for definitive repairs, so the repaired tyres may only be used temporarily.*

126) *As required by current regulations, the information on chemical substances for the protection of human health and the environment and on the safe use of the sealing fluid are on the packaging label. Compliance with the indications on the label is an essential condition to ensure the safety and the effectiveness of the product. Remember to carefully read the label before use; the user of the product is responsible for any damages caused by improper use. The sealing fluid has an expiry date. Replace the bottle if the sealant has expired.*

127) *If the pressure falls below 1.8 bar, do not drive any further: the Tyre Repair Kit cannot guarantee proper seal because the tyre is too damaged. Contact a Dedicated Alfa Romeo Dealership.*

128) *The Tyre Repair Kit provide a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. The sealant is suitable for use at temperatures in the range from −40°C to +50°C.*

129) *Indicate the presence of the stationary car in accordance with current regulations: hazard warning lights, warning triangle, etc. Those on board should get out of the vehicle and wait for the wheel to be repaired away from the threat posed by the traffic. If parked on a slope or rough surface, chock the wheels with wedges or other suitable devices (for the correct procedure for parking the car safely, refer to the "Parking" paragraph in the "Starting and driving" chapter).*

IMPORTANT

29) *In the event of a puncture caused by foreign bodies, the kit may be used to repair tyres showing damage on the tyre tread up to max. 6 mm diameter.*

IMPORTANT

3) *Dispose of the bottle and the sealant liquid properly. Have them disposed of in compliance with national and local regulations.*

JUMP STARTING

If the battery is flat, a jump starting can be performed using the battery and the cables of another car, or using an auxiliary battery. In all cases, the battery used must have a capability equal to or a little higher than the flat one.

Jump starting may be dangerous if carried out incorrectly: carefully follow the procedures described below.

30)

WARNINGS

Do not use an auxiliary battery or any other source of external supply with a voltage above 12 V: the battery, the starter, the alternator and the electrical system of the car could be damaged.

Do not attempt jump starting if the battery is frozen. The battery could break and explode!

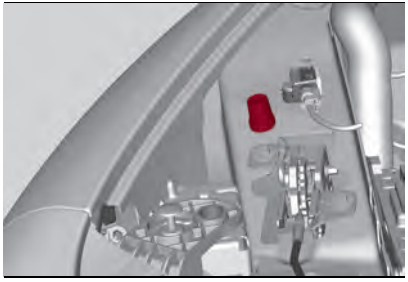
REMOTE BATTERY CONNECTION POLES

To facilitate the operation, the remote poles of the battery for the jump starting can be found in the engine compartment: the battery, on the other hand, is placed in the luggage compartment.

To carry out the operation, you need to have the correct cables to connect the auxiliary battery to the remote poles of the flat battery.

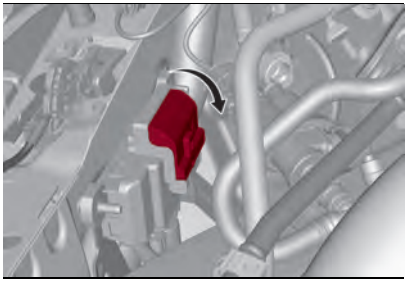
Usually, these cables have terminals at the ends and are identified by different sheath colours (red = positive, black = negative).

The negative terminal (-) fig. 132 is located next to the right bonnet catch.



132 08076S0006EM

The positive terminal (+) can be reached by lifting the protective flap fig. 133 and is shown in fig. 134



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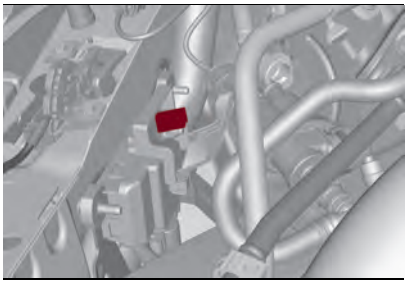


134 08076S0005EM

To carry out the operation, you need to have the correct cables to connect the auxiliary battery to the remote poles of the flat battery.

Usually, these cables have terminals at the ends and are identified by different sheath colours (red = positive, black = negative).

JUMP STARTING

130) 131) 132)

Proceed as follows:

❒ switch off all electrical devices in the car;

❒ engage the electric parking brake, activate P (Park) mode and then put the starter switch in the STOP position;

❒ should you be using the battery of another car, park the other car within the range of the cables used for the connection, operate the parking brake and ensure that its ignition is off.

WARNING If the auxiliary battery is installed on another vehicle, check that there is no accidental contact of metal parts between the two vehicles, since an earth connection may result, with the risk of serious injury to any people who may be nearby.

WARNING If the procedure below is carried out incorrectly, it can cause severe injury to people or damage the recharging system of one or both vehicles. Carefully follow the instructions given below.

Cable connection

31)

Proceed as follows to carry out a jump starting:

❒ connect a terminal on the end of the positive cable from the remote positive pole (+) of the car with flat battery;

❒ connect the terminal on the opposite end of the positive (+) cable to the positive (+) pole of the auxiliary battery;

❒ connect a negative cable end terminal to the negative (-) pole of the auxiliary battery;

❒ connect the terminal on the opposite end of the negative (-) cable to the earth point (-) on the car with the battery flat;

❒ start the engine of the car with an auxiliary battery, let it run for some minutes at idle and then start the engine of the car with flat battery.

In case a portable battery is used, before starting the car, wait a few seconds after completing the connection.

Cable disconnection

Once the engine is started, remove the connection cables in reverse sequence, as shown below:

❒ disconnect the negative cable end terminal (-) from the earth point (-) of the car with flat battery;

❒ disconnect the terminal on the opposite end of the negative cable from the negative (-) pole of the auxiliary battery;

❒ disconnect the terminal on the opposite end of the positive (+) cable

from the positive (+) pole of the auxiliary battery;

❒ disconnect the terminal on the end of the positive cable from the remote positive pole (+) of the car with flat battery.

WARNING

130) *Do not get too close to the radiator cooling fan: the electric fan may start; danger of injury. Scarves, ties and other loose clothing might be pulled by moving parts.*

131) *Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.*

132) *The batteries contain acid that can burn skin or eyes. Batteries produce hydrogen, which is easily flammable and explosive. Thus keep away flames or devices which may cause sparks.*

IMPORTANT

30) *Never use a fast battery charger to start the engine as this could damage the electronic systems, particularly the engine ignition and fuel supply control units.*

31) *Do not connect the cable to the negative terminal (–) of the flat battery. The following spark could lead to battery explosion and cause serious harm. Only use the specific earth point; do not use any other exposed metallic part.*

FUEL CUT-OFF SYSTEM

DESCRIPTION

The car is equipped with a system that cuts off the fuel supply in the event of impact, causing the engine to stop.

This safety device is controlled by the ORC control unit, which manages all the occupant protection systems. Depending on the type and violence of the impact, this control unit determines whether or not to activate the airbags and the front seatbelt pretensioners and whether or not to immediately interrupt the current from the batteries to the supply pumps and to the devices that make the engine operate. The power from the battery is interrupted by "skipping" the pyrotechnic fuse placed on the fusebox next to the positive pole of the battery.

When the fuse has "blown", only some services, necessary for the safety of the vehicle (e.g. door locks, anti-theft device, etc.), remain powered.

WARNING After the impact, carefully check the vehicle for fuel leaks, for instance in the engine compartment, under the vehicle or near the tank area.

WARNING Contact a Dedicated Alfa Romeo Dealership to have the system checked.

AUTOMATIC TRANSMISSION GEAR LEVER RELEASE

To release the automatic transmission lever, contact a Dedicated Alfa Romeo Dealership.

TOWING A BROKEN-DOWN CAR

eLUM

WARNING The vehicle should be transported with all four wheels lifted from the ground on the platform of a roadside assistance vehicle. Avoid towing with only the front (or rear) wheels lifted. When towing with only the front (or rear) wheels lifted, in addition to damaging the body, it could damage the gearbox.

WARNING To carry out the operation, the assistance vehicle must be equipped with an appropriate movement/lifting equipment to avoid damaging the vehicle. For loading on the towing vehicle, attach the tow equipment to the main structural components of the vehicle and not to the bumpers or other related brackets.

WARNING Comply with the regulations regarding assistance and vehicle towing in force in each country.

WARNING When securing the vehicle to a flatbed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.

If a breakdown truck with platform is not available, the vehicle must be towed with the rear wheels LIFTED from the ground (using a trailer or special equipment allowing lifting of the rear wheels).

TOWING THE CAR

133) 134) 135)

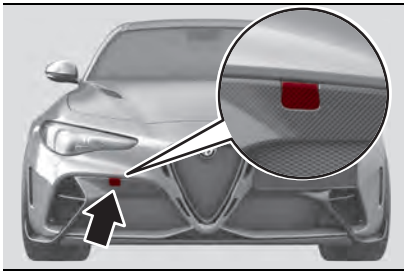
In order to be able to tow the car, which has been in an accident or has broken down, on the road surface and only for short distances, a tow ring is provided in the tools container inside the luggage compartment.

Proceed as follows to use the tow ring:

❒ unhook the cap on the front bumper fig. 135, pressing it with a suitable tool (screwdriver supplied) and taking care not to damage the cosmetic carbon part in the upper part of the cap itself;

❒ take the tow ring from its housing in the boot and carefully clean the threaded housing on the vehicle before using it;

❒ tighten the vehicle's tow ring in its place for about 11 turns.



135 08136S0022EM

Approach angles

The front and rear attachment corners of the car, to be taken into consideration when loading the car on the assistance car are shown in fig. 136.

GTA versions

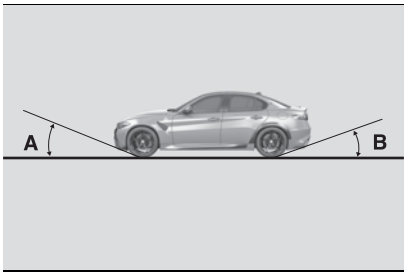
❒ **A**: 11.1°

❒ **B**: 13°

GTAm versions

❒ **A**: 11.3°

❒ **B**: 12.9°



136 08066S0035EM

WARNING

133) *Move the ignition device to ON and then to STOP, without opening the door.*

134) *The brake servo and the electromechanical power steering will not work while the vehicle is being towed. You will therefore need to apply more force on the brake pedal and steering wheel. Do not use flexible ropes when towing, and avoid jerky movements. While towing, make sure that the trailer hitch does not damage any components it is touching. When towing the car, you must comply with all specific traffic regulations and adopt an appropriate driving behaviour. Do not start the engine while towing the car. Before tightening the ring, clean the threaded housing thoroughly. Make sure that the ring is fully screwed into the housing before towing the car.*

135) *The tow hook must be used exclusively for roadside assistance operations. You are allowed to tow the vehicle for short distances using an appropriate device in accordance with the rules of the road (a rigid bar), to move the vehicle on the road in readiness for towing or transport via a breakdown vehicle. The tow hooks MUST NOT be used to tow the vehicle off the road or where there are obstacles and/or for towing operations using cables or other non-rigid devices. In compliance with the above conditions, towing must take place with the two vehicles (one towing, the other towed) aligned as much as possible along the same center line.*

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Proper maintenance allows car performance to be maintained over time, operating costs to be contained, and safety system performance to be safeguarded.
This chapter explains how.

SERVICING AND MAINTENANCE

SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions.

For this reason, Alfa Romeo has planned a series of checks and maintenance operations at fixed distance intervals and, for versions/markets, where provided, at fixed time intervals, as described in the Service Schedule.

Before each service, it is always necessary to carefully follow the instructions in the Scheduled Servicing Plan (e.g. periodically check level of fluids, tyre pressure, etc.).

Scheduled Servicing is offered by a Dedicated Alfa Romeo Dealership according to a set time schedule. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out with the owner's explicit consent only.

WARNING The scheduled service deadlines are set out by the Manufacturer. Failure to have them carried out may invalidate the New Vehicle Limited Warranty.

It is advisable to inform the Dedicated Alfa Romeo Dealership of any small operating irregularities without waiting for the next scheduled service deadline.

PERIODIC CHECKS

Every year or **620** miles (**1,000**km) or before long journeys, check and top up, if necessary:

❒ engine coolant level;

❒ brake fluid level (if insufficient, see a Dedicated Alfa Romeo dealership as soon as possible);

❒ windscreen washer fluid level;

❒ tyre inflation pressure and condition;

❒ operation of lighting system (headlights, direction indicators, hazard warning lights, etc.);

❒ operation of windscreen wash/wipe system and positioning/wear of wiper blades.

Oil consumption of the engine depends on conditions and driving style. For this reason, the engine oil level must be checked every **1,860** miles (**3,000** km), and topped up, if necessary (see the "Engine compartment - Checking the levels" paragraph for information on the quantity to be topped up).

DEMANDING USE OF THE CAR

If the vehicle is used in one of the following conditions:

❒ dusty roads;

❒ short, repeated journeys (less than 4-5 miles or 7-8 km) at sub-zero outside temperatures;

❒ engine often idling or driving long distances at low speeds or long periods of inactivity;

❒ in the event of a long period of inactivity;

the following checks must be carried out more often than indicated in the Scheduled Servicing Plan:

❒ check front and rear disc brake pad condition and wear;

❒ check cleanliness of bonnet and boot locks, cleanliness and lubrication of linkage;

❒ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel system/brakes) and rubber elements (gaiters/sleeves/bushes, etc.);

❒ check battery charge and battery fluid level (electrolyte);

❒ visually inspect conditions of the accessory drive belts;

❒ check and, if necessary, change engine oil and replace oil filter;

❒ check and, if necessary, replace cabin air filter;

❒ check and, if necessary, replace air cleaner;

❒ check and, if necessary, replace the Bad Fuel filter (where provided).

SERVICE SCHEDULE

WARNING Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note. Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check battery charge status with the proper instrument	●	●	●	●	●	●	●	●	●	●
Check tyre condition/wear and adjust pressure. Check Tyre Kit recharge (where provided) conditions/expiry date	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (1)	●	●	●	●	●	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●	●	●	●	●	●
Check the supply/engine control and emissions systems operation using the diagnosis equipment	●	●	●	●	●	●	●	●	●	●
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.)		●		●		●		●		●
Check windscreen wiper blade position/wear	●		●		●		●		●	
Check operation of the windscreen wiper/washer system and adjust nozzles, if necessary	●		●		●		●		●	

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check cleanliness of hood and boot locks, cleanliness and lubrication of linkage		●		●		●		●		●
Visually inspect conditions and wear of front disc brake pads and operation of pad wear indicators	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions and wear of rear disc brake pads and operation of pad wear indicators	●	●	●	●	●	●	●	●	●	●
Visually inspect the condition and tensioning of the accessory drive belt(s) (2)		●				●				●
Visually inspect the surface and edge of the carbon ceramic brake discs	●	●	●	●	●	●	●	●	●	●
Change engine oil and replace oil filter	●	●	●	●	●	●	●	●	●	●
Spark plug replacement(3)				●				●		
Replace accessory drive belt/s	(2)									
Replace air cleaner cartridge (4)		●		●		●		●		●
Change the brake fluid	(5)									
Replace brake pads/carbon ceramic brake discs	(6)									
Replace passenger compartment filter (4)	○	●	○	●	○	●	○	●	○	●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Alfa Connect Box system battery replacement (where provided) (7)					●					●

(1) Always only use the liquids shown in the handbook for topping up after having checked that the system is not damaged.

(2) The maximum mileage is 60,000 km. The belt must be replaced every 4 years, regardless of distance travelled. If the vehicle is used in heavy conditions (dusty areas, particularly harsh weather conditions, very low or very high temperatures for extended periods, urban driving, long periods of idling), the maximum mileage is 30,000 km. The belt must be replaced every 2 years regardless of the mileage.

(3) The replacement must be performed according to mileage and regards of the elapsed time. The following are vital in order to ensure correct operation and prevent serious damage to the engine: - only use spark plugs specifically certified for the engine itself of the same type and brand (see the "Engine" paragraph in the "Technical Specifications" chapter); - strictly comply with the spark plug replacement intervals in the Service Schedule. It is advisable to contact a Dedicated Alfa Romeo Dealership for plug replacement.

(4) If the vehicle is used in dusty areas, this cleaner should be replaced every 15,000 km.

(5) The brake fluid replacement has to be done every two years, irrespective of the mileage.

(6) The actual interval for changing the brake pads and the carbon ceramic brake discs depends on the car usage conditions and is signalled by the warning light or message on the instrument panel. Use the diagnosis equipment to reset the warning light every time the discs are replaced.

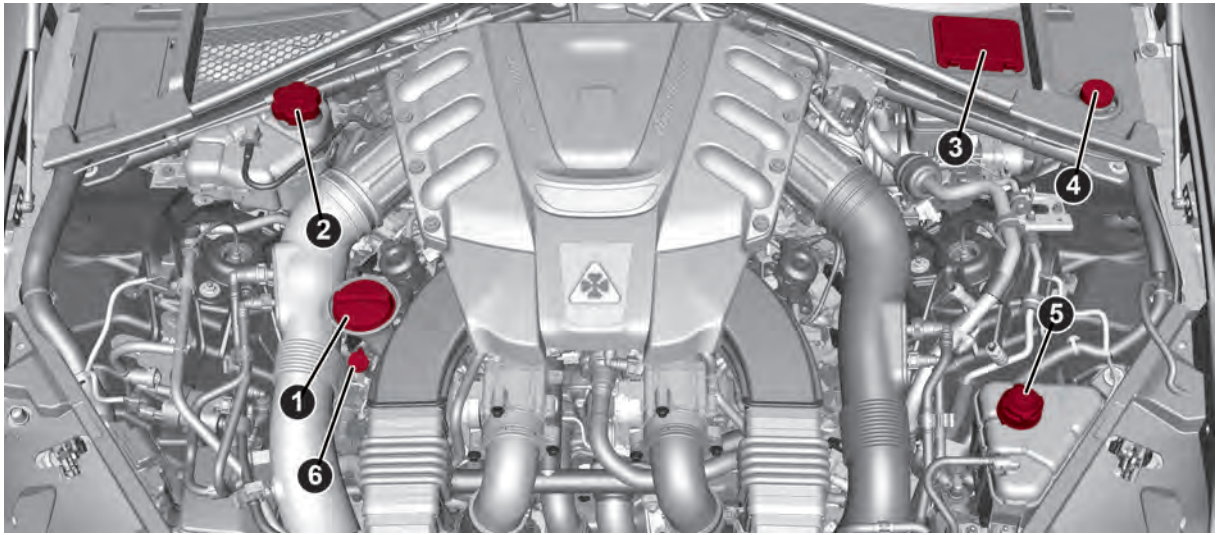
(7) The battery in the Alfa Connect Box system must be replaced every 5 years, regardless of mileage.

(o) Recommended operations

(●) Mandatory operations

ENGINE COMPARTMENT

CHECKING LEVELS



137 09026S0001EM

1. Engine oil filler 2. Primary engine cooling reservoir plug 3. Brake fluid reservoir plug access cover 4. Windscreen/headlight washer fluid reservoir cap 5. Secondary engine cooling reservoir plug 6. Engine oil level dipstick

ENGINE OIL

136)

32)

WARNING It is advisable to check the engine oil level indication before long journeys.

The engine oil level can be seen on the instrument panel display every time the engine is started, or on the Connect system display using the "Vehicle Information" widget.

Use the 6 segments on the display to check that the oil level is between MIN and MAX level.

❒ **1 segment** = MIN level

❒ **6 segments** = MAX level

If the oil level indication reaches the first red mark, add oil through the filler (1), considering that each segment shown on the display corresponds to approximately 0.055 UK gal (250 ml).

If the symbol and the corresponding message "Insufficient engine oil level" light up on the display of the instrument panel, top up 0.26 UK gal (1 litre) of engine oil as soon as possible.

In case of oil change or top-up, check the amount introduced using the dipstick. The level must NEVER be over the MAX line.

The oil level must be checked with the dipstick with the engine warm (temperature of about 198°F/90°C) and after waiting for 5 minutes.

33)

WARNING Make sure not to add too much engine oil when topping up. Engine oil in excess may damage the engine. Have the car checked. Never exceed the MAX level when topping up engine oil. It is advisable to check the oil level in intermediate steps on the instrument panel display. Check the oil level using the dipstick.If the level is over the MAX line on the dipstick, go to a dedicated Alfa Romeo Dealership.

WARNING The oil level is not refreshed immediately on the display of the instrument panel after topping up. Consequently, wait for the oil level to be refreshed on the display following the procedure described below.

Engine oil level manual checking procedure

With the car on level ground, check that the oil level is between the MIN and MAX marks on the dipstick (6).

Take out the engine oil dipstick (6), clean it with a lint-free cloth and reinsert it. Extract the dipstick again and check that the level is between the MIN and MAX marks on it.

33)

WARNING The manual engine oil level checking procedure must be carried out, when necessary, on a cold engine only. Never attempt to carry out the manual engine oil checking procedure (using the dipstick) with the engine hot. Contact with the surrounding hot engine parts could cause burns.

Refreshing of engine oil level indication update on display

If a top-up has been necessary, proceed as follows to ensure correct indication of the engine oil level on the instrument panel display:

❒ with the car level, run the engine for approximately 5 minutes (temperature of approximately 198°F/90°C) and then stop the engine;

❒ wait for at least 5 minutes, turn the ignition device to ON position without starting the engine and wait for a few seconds.

If the level indication is not refreshed procedure just described, run the engine as above again, stop the engine and wait a further 5 minutes before starting it again. If the indication is not updated after the second start, contact the Dedicated Alfa Romeo Dealership.

WARNING In normal working conditions, the oil level indication is shown on the instrument panel display. In the event of an oil level sensor failure (condition

indicated by the symbol appearing on the instrument panel display), use the oil dipstick in the engine compartment EXCLUSIVELY for the time needed to restore correct operation of the oil level sensor, which must be performed at a Dedicated Alfa Romeo Dealership.

Engine oil consumption

34) 4)

The maximum engine oil consumption is usually 0.88 lb (400 grams every 620 miles (1000 km).

When the car is new, the engine needs to be run in, therefore the engine oil consumption can only be considered stabilised after the first 3100 - 3700 miles (5000 - 6000 km).

ENGINE COOLANT

137) 35)

If the level is too low, unscrew the cap of the reservoir and add the fluid described in the "Technical Specifications" chapter.

WASHER FLUID FOR WINDSCREEN/HEADLIGHTS

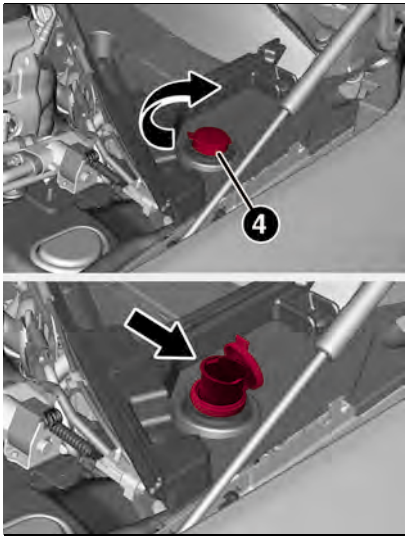
138) 139)

The windscreen and headlights washer fluid reservoir (where available) is equipped with a telescopic filler.

If the level is too low, lift the reservoir cap (4) fig. 138 upwards and then lift the filler, as shown in the figure, and add the fluid described in the "Technical Specifications" chapter. After having topped up the fluid, arrange the filler correctly and then press on the cap until you hear it click.

NOTE The headlight washers are activated every 10 activations of the windscreen washer.

WARNING With a low fluid level (indicated by the dedicated symbol appearing on the instrument panel display), the headlight washer system does not work, even though the screen washers continue to work.



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BRAKE FLUID

Check that the fluid is at the max. level. If the liquid level in the tank is insufficient, contact a Dedicated Alfa Romeo Dealership to have the system checked.

AUTOMATIC TRANSMISSION ACTIVATION SYSTEM OIL

5)

The transmission control oil level should only be checked at a Dedicated Alfa Romeo Dealership.

BATTERY

140) 141) 142) 143)

36)

6)

The battery does not require the electrolyte to be topped up with distilled water. A periodic check carried out at a Dedicated Alfa Romeo Dealership is, however, necessary to check efficiency.

Follow the battery manufacturer's instructions for maintenance.

Useful advice for extending the life of your battery

To avoid draining your battery and make it last longer, observe the following instructions:

❒ when you park the car, ensure that the doors, boot and bonnet are closed properly, to prevent any lights from

remaining on inside the passenger's compartment;

❒ switch off all roof lights inside the car: the car is however equipped with a system which switches all internal lights off automatically;

❒ do not keep accessories (e.g. Connect system, hazard warning lights, etc.) switched on for a long time when the engine is not running;

❒ before performing any operation on the electrical system, disconnect the negative battery cable.

If, after purchasing the car, you wish to install electrical accessories which require permanent electrical supply (e.g. alarm, etc.) or accessories which influence the electrical supply requirements, contact a Dedicated Alfa Romeo Dealership, whose qualified staff will evaluate the overall electrical consumption.

WARNING If the battery was disconnected, do not start the engine immediately after reconnecting the terminals, but press the start button, without operating the pedals, to turn on the instrument panel and then start the engine.

WARNING If the charge level remains under 50% for a long time, the battery is damaged by sulphation, reducing its capacity and efficiency at start-up. The battery is also more prone to the risk of freezing (at temperatures of 14°F/-10°C).

Replacing the battery

If necessary, replace the battery with another original battery with the same specifications. Follow the battery Manufacturer's instructions for maintenance.

WARNING It will not be possible to open the boot with a key or by pressing the button in the passenger compartment when the battery is disconnected. So, always extract the manual boot opening strap before disconnecting the battery. The procedure is described in the "Prolonged vehicle inactivity" paragraph in this chapter.

WARNING

136) *If the engine oil is being topped up, wait for the engine to cool down before loosening the filler cap, particularly for vehicles with aluminium cap (where provided). WARNING: risk of burns!*

137) *The cooling system is pressurised. If necessary, only replace the plug with another original or the operation of the system may be adversely affected. Do not remove the reservoir plug when the engine is hot: you risk scalding yourself.*

138) *Do not travel with the windscreen washer fluid reservoir empty: the windscreen washer is essential for improving visibility.*

139) *Some commercial additives for windscreen washer fluid are flammable. The engine compartment contains hot components which may start a fire.*

140) *Battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep open flames away from the battery and do not use objects that might create sparks: risk of explosion and fire.*

141) *Using the battery with low fluid will irreparably damage the battery and may cause an explosion.*

142) *If the car must remain unused for a long time at a very low temperature, remove the battery and take it to a warm place, to avoid freezing.*

143) *Always wear appropriate goggles to protect your eyes when working on or near the battery.*

IMPORTANT

32) *The oil level must never exceed the MAX mark.*

33) *If the MAX mark is exceeded (last notch on the right turns red) after the top-up, go to a Dedicated Alfa Romeo Dealership as soon as possible to have the oil in excess removed.*

34) *Always top up using engine oil of the same specifications as that already in the engine.*

35) *Use a fluid of the same type as that already present in the reservoir for any topping up of the engine cooling system. The fluid cannot be mixed with other types*

of antifreeze fluids. In the event of topping up with an unsuitable product, under no circumstances start the engine and contact a Dedicated Alfa Romeo Dealership.

36) *When you need to disconnect or remove the battery, do not close the boot. In order to avoid possible accidental closure, it is recommended to place an obstacle (e.g. a cloth) on the lock that would physically avoid closure.*

IMPORTANT

4) *Used engine oil and oil filters contain substances which are harmful to the environment. To change the oil and filters, we advise you to contact a Dedicated Alfa Romeo Dealership.*

5) *Used transmission oil contains substances that may be dangerous for the environment. You are advised to contact a Dedicated Alfa Romeo Dealership for oil changes.*

6) *Batteries contain substances which are very harmful for the environment. For battery replacement, contact a Dedicated Alfa Romeo Dealership.*

RECHARGING THE BATTERY

IMPORTANT NOTES

144) 145)

WARNING Before using the charging device, always make sure that it is appropriate for the installed battery, with constant voltage (below 14.8 V) and low amperage (maximum 15 A).

WARNING Recharge the battery in a well ventilated environment.

WARNING Never charge or recharge a frozen battery: it may explode because of the hydrogen trapped inside the ice crystals.

WARNING At all times while charging or recharging the battery, make sure that any sparks or open flames are kept sufficiently far away from the battery.

WARNING Before using any devices to charge or to maintain the charge of the battery, carefully follow the instructions provided with the device in order to properly and safely connect it to the car battery.

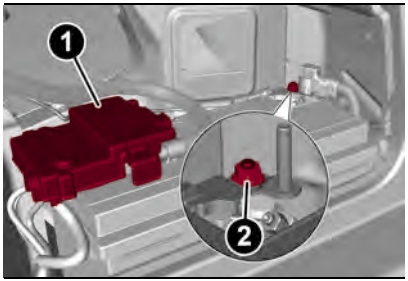
You can recharge the battery without disconnecting the wires of the electrical system of the car.

❒ To reach the battery, remove the access panel inside the luggage compartment fig. 139;

139 09036S0001EM

❒ remove the protective cover (1) fig. 140 and connect the positive cable terminal of the charger (usually red) to the positive terminal (+) of the battery;

❒ connect the terminal of the negative cable of the charger (usually black) to nut (2) next to the negative terminal (-) of the battery, as shown in fig. 140;



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The car is equipped with an IBS (Intelligent Battery Sensor), which is able to measure the charge and discharge

voltage and calculate the charge level and the general condition of the battery.

The sensor is placed next to the negative terminal (-) of the battery.

For a correct charge/discharge procedure, the charge voltage must go through the IBS sensor.

❒ Turn the charger on and follow the instructions on the user's manual to completely recharge the battery;

❒ when the battery is charged, turn the charger off before disconnecting it from the battery;

❒ first disconnect the black cable terminal of the battery charger and then the red cable terminal;

❒ refit the protective cover of the positive terminal of the battery and the access cover to the battery compartment.

WARNING If a "quick-type" battery charger is used with the battery fitted on the vehicle, before connecting it disconnect both cables of the battery itself. Do not use a "quick-type" battery charger to provide the starting voltage.

37)

WARNING

144) *The process of charging or recharging the battery produces hydrogen, a flammable gas that can explode and cause serious injury.*

145) *When charging or recharging the battery, always follow the precautions listed.*

IMPORTANT

37) *When you need to disconnect or remove the battery, do not close the boot. Open the boot manually if it is locked.*

SERVICING PROCEDURES

eLUM

146) 147) 148)

38) 39) 40) 41) 42) 43) 44)

AIR CONDITIONING SYSTEM MAINTENANCE

45) 46)

To ensure the best possible performance, the air conditioning system must be checked and undergo maintenance at a Dedicated Alfa Romeo Dealership at the beginning of the summer.

WARNING Do not use chemicals to clean the air conditioning system, since the internal components may be damaged. This kind of damage is not covered by warranty.

WINDSCREEN WIPER

Raising the windscreen wiper blades ("Service position" function)

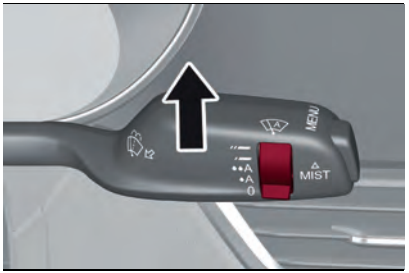
The "Service position" function allows the driver to replace the windscreen wiper blades more easily. It is also recommended to activate this function when it is snowing and to make it easier to remove any dirt deposits in the area where the blades are normally positioned, when washing.

Activation of the function

To activate this function, deactivate the windscreen wiper (ring fig. 141 in position **0**) before setting the ignition device to STOP.

This function can only be activated within 2 minutes of setting the ignition device to STOP.

To activate this function, move the lever upwards (unstable position) for at least three seconds.



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Function deactivation

The function is deactivated if:

❒ wait for longer than 2 minutes before turning the ignition device to the STOP position, after having raised the lever, and starting the Service procedure in this way;

❒ the ignition device is taken to position ON and the windscreen wiper control.

If, after using the function, the ignition device is set back to ON with the blades in a position other than rest position (at the base of the windscreen), they will only return to rest position following a command given using the stalk (stalk upwards, into unstable position) or when a speed of 5 km/h is exceeded.

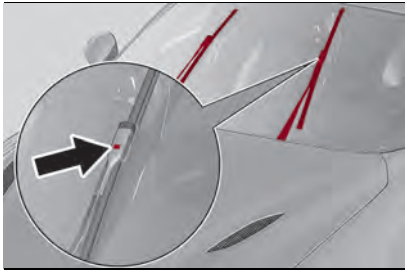
Replacing the windscreen wiper blades

Proceed as follows:

❒ raise the wiper arm, press tab fig. 142 of the attachment spring and remove the blade from the arm;

❒ fit the new blade, inserting the tab in the dedicated housing in the arm and checking that it is locked;

❒ lower the wiper arm onto the windscreen.



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WARNING Do not operate the windscreen wiper with the blades lifted from the windscreen.

Windscreen washer

The window washer nozzles are fixed.

If there is no jet of fluid, firstly check that there is fluid in the reservoir (see contents of "Engine compartment" paragraph in this chapter).

Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.

WARNING

146) *The air intake system (air cleaner, rubber hoses, etc.) can be a protection in the case of blowbacks from the engine. DO NOT REMOVE this system unless you need to carry out repair or maintenance. Before starting the engine, ensure that the system has not been removed: failure to observe this precaution may result in serious injury.*

147) *Exhaust emissions are very dangerous, and may be lethal. They contain carbon monoxide, a colourless, odourless gas which can cause fainting and poisoning if inhaled.*

148) *The exhaust system may reach high temperatures and may cause a fire if the car is parked on flammable material. Dry grass or leaves can also catch fire if they come into contact with the exhaust system. Do not park or use the car in a place in which the exhaust system might come into contact with flammable material.*

IMPORTANT

38) *Incorrect servicing of the car or failure to carry out operations or repairs (when necessary) may lead to more expensive repairs, damage to other components or have a negative impact on the car performance. Have any malfunction inspected immediately by a Dedicated Alfa Romeo Dealership.*

39) *The car is filled with fluids which are optimised or protecting its performance and life and extending service intervals. Do not use chemicals for washing these components since they may damage the*

engine, the transmission or the climate control system. This damage is not covered by the car's warranty. If any component needs to be washed due to malfunctioning, use only the specific liquid for that procedure.

40) *An excessive or insufficient amount of oil inside the base is extremely damaging to the engine. Make sure it is always at an adequate level.*

41) *Vehicles equipped with catalytic converter must be fuelled only with unleaded petrol. Leaded petrol would permanently damage the catalytic converter and eliminate its ability to reduce polluting emissions, seriously compromising the engine performance, which would be irreparably damaged. If the engine does not work correctly, especially if it starts irregularly or if there is a reduction of its performance, immediately go to a Dedicated Alfa Romeo Dealership. Prolonged and faulty operation of the engine may cause overheating of the converter and, as a consequence, possible damage to the converter and the vehicle.*

42) *Using transmission fluid different from that approved may compromise the quality of gear changes and/or cause vibration of the transmission.*

43) *It is recommended to have the car serviced by a Dedicated Alfa Romeo Dealership. When carrying out normal periodic operations and small servicing interventions personally on the vehicle, it is recommended to use suitable equipment, genuine spare parts and the necessary fluids. Do not carry out any interventions if you do not have the necessary experience.*

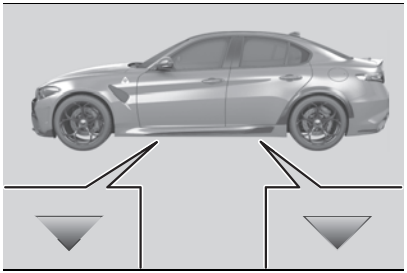
44) *When you need to disconnect or remove the battery, do not close the boot. In order to avoid possible accidental closure, it is recommended to place an obstacle (e.g. a cloth) on the lock that would physically avoid closure.*

45) *Always require the use of only compressor coolants and lubricants approved and suitable for the specific air conditioning system fitted on the car. Some non-approved coolants are flammable and may explode, with the risk of injuries. The use of non-approved coolants or lubricants may adversely affect system efficiency, leading to expensive repairs.*

46) *The air conditioner system contains coolant under high pressure: to avoid injuries to people or damage to the system, any coolant addition or repair that requires to disconnect the cables must be carried out by a Dedicated Alfa Romeo Dealership.*

RAISING THE CAR

If the car needs to be jacked up, go to a Dedicated Alfa Romeo Dealership which is equipped with shop jacks or jack arms. The vehicle lifting points are marked on the side skirts with the symbols ▽ (see illustration in fig. 143).



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WHEELS AND TYRES

SAFETY INFORMATION

Before embarking on a long trip, and every two weeks, check the tyre inflation pressure. Check the tyres when cold.

It is normal for the pressure to increase when the vehicle is used due to tyre heating; for the correct tyre inflation pressure, see the "Rims and Tyres" paragraph in the "Technical specifications" chapter.

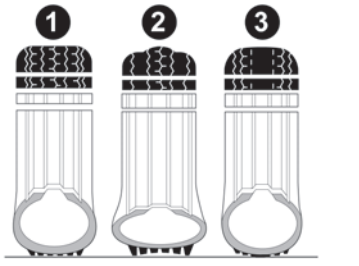
Incorrect pressure causes abnormal tyre wear fig. 144:

1 - *normal pressure*: tread evenly worn;

2 - *low pressure*: tread particularly worn at the edges;

3 - *high pressure*: tread particularly worn in the centre.

The tyres must be replaced when the tread reaches the minimum thickness reference on the tyres themselves.



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GENERAL INFORMATION

149) 150) 151)

Take the following precautions to prevent damage to the tyres:

❒ avoid braking suddenly, racing starts and violent impact against the curb, potholes or other obstacles and driving for extended periods on uneven road surfaces;

❒ periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tread wear;

❒ avoid travelling with the car overloaded. If a tyre is punctured, stop immediately and change it;

❒ tyres age even if they are not used much. Cracks in the tread and on the sidewalls are a sign of ageing. In any event, have the tyres checked by specialised technicians if they have been fitted for longer than 1 year.

❒ in the case of replacement, always fit new tyres, avoiding those of unknown origin.

RIMS AND WHEELS

For the type of wheel rims and tyres fitted on the vehicle see the "Rims and Tyres" paragraph in the "Technical data" chapter.

SNOW CHAINS

47)

Snow chains may be fitted on the 255/30 R20 rear tyres (winter tyre size), with size "255" tyres fitted at both front and rear. Avoid using traditional chains as they can damage the braking system if not installed correctly, thereby compromising the car's safety.

We strongly advise using the following chains and the equipment offered by the Dedicated Alfa Romeo Dealership.

Warnings

The use of snow chains should be in compliance with local regulations of each country. In certain countries, tyres marked with code M+S (Mud and Snow) and the symbol are considered as winter equipment.

Snow chains may be applied only to the rear wheel tyres.

Check the tension of the snow chains after the first few feet/meters have been driven.

WARNING Using snow chains with tyres with non-original dimensions is not permitted and may damage the car.

WARNING Using different size or type (M+S, snow, etc.) tyres between front and rear axle may adversely affect car driveability, with the risk of

losing control of the car and resulting accidents.

RECOMMENDATIONS REGARDING THE USE OF Michelin Pilot Sport CUP2 Connect TYRES

Michelin Pilot Sport CUP2 Connect tyres are mainly for use for track driving (they are semi slick tyres) and perform best when driving on dry tracks. However, this type of tyre meets current legal requirements and its use on roads and motorways is also permitted.

Michelin Pilot Sport CUP2 Connect tyres perform best when driving on dry tracks. When driving on wet tracks or roads there is a risk of aquaplaning, a very common risk with racing tyres, which increases as the tyres become worn. You should therefore ensure that your driving style is suited to the road surface/track conditions, reduce speed, and not deactivate the driver assistance systems.

Michelin Pilot Sport CUP2 Connect tyres should be fitted to all 4 wheels to give the car the correct stability.

Warnings

If Michelin Pilot Sport CUP2 Connect tyres are not used for a lengthy period of time, remove them from the car and reduce the pressure to half the normal value (for tyre inflation pressures, refer to the "Cold tyre inflation pressure" table in the "Technical Data" chapter).

Stow tyres in a clean place with dry air. Do not expose them to direct contact with sunlight or sources of zone (electrical devices and/or chemicals); also ensure that the ambient temperature is over 0°C, (32°F) as recommended by the tyres' Manufacturer.

Do not use or stow Michelin Pilot Sport CUP2 Connect tyres in a location with ambient temperature below -10°C (14°F). The tyres may degrade below this temperature, impairing their performances. There is also the risk of cracks or damage to the tyres' surface, preventing their correct use and reducing driving safety.

NEVER use damaged tyres: if in doubt contact a Dedicated Alfa Romeo Dealership.

If Michelin Pilot Sport CUP2 Connect tyres have been used for track driving for a lengthy period of time, they may wear more rapidly. Therefore take great care to ensure they have not been damaged by collisions with kerbs and on the edge of the track.

Tyres should be visually inspected at the end of every track lap, and always before starting a new lap.

If tyres frequently collide with track kerbs (or in case of prolonged high-speed driving) their inside and outside surfaces should be inspected. For this procedure, tyres must be removed from the car and inspected by qualified staff able to assess any damage to them.

TYRE DURATION ADVICE

The front and rear tyres are subject to different loads and stress due to steering, manoeuvres and braking. For this reason they are subject to uneven wear.

WARNING Crossing the tyres is not advised, so placing a tyre on a different axle on the other side of the car is impossible.

WARNING No type of tyre rotation is permitted since the car is fitted with differentiated tyres (different size tyres on front and rear axles).

In the case of irregular tyre wear, identify the cause and correct it as soon as possible, by contacting a Dedicated Alfa Romeo Dealership.

WARNING

149) *The road holding qualities of the car also depend on the correct inflation pressure of the tyres.*

150) *If tyre pressure is too low, it may overheat and be severely damaged as a result.*

151) *Do not repaint alloy wheel rims at temperatures higher than 212°F (100°C). The mechanical features of the wheels could be compromised.*

IMPORTANT

47) *Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, do not drive over steps or pavements and do not drive long distances over roads without snow, to avoid damaging both your car and the road surface.*

BODYWORK

PROTECTION AGAINST ATMOSPHERIC AGENTS

The car is equipped with the best available technological solutions to protect the bodywork against corrosion.

These include:

❒ painting products and systems which give the car resistance to corrosion and abrasion;

❒ use of galvanised (or pre-treated) steel sheets, with high resistance to corrosion;

❒ spraying of plastic parts, with a protective function in the more exposed points: underdoor, inner wing, edges, etc.;

❒ use of "open" boxed sections to prevent condensation and pockets of moisture which could favour the formation of rust inside;

❒ use of special films to protect against abrasion in exposed areas (e.g. rear wing, doors, etc.).

BODY AND UNDERBODY WARRANTY

Your car is covered by warranty against perforation due to rust of any original element of the structure or bodywork. For the general terms of this warranty, refer to the Warranty Booklet.

PRESERVING THE BODYWORK

Paintwork

48) 49) 7)

Touch up abrasions and scratches immediately to prevent the formation of rust.

Maintenance of paintwork consists of washing the car: the frequency depends on the conditions and environment where the car is used. For example, it is advisable to wash the car more often in areas with high levels of atmospheric pollution or salted roads.

Some parts of the vehicle may be covered with a matt paint which, in order to be maintained intact, requires special care: see the instructions in the warning at the end of this paragraph.

50)

To correctly wash the car, follow these instructions:

❒ if high pressure jets or cleaners are used to wash the car, keep a distance of at least 16 inches (40 cm) from the bodywork to avoid damage or alteration. Build up of water could cause damage to the car in the long term;

❒ to facilitate removal of any dirt in the area where the brushes are normally placed, the windscreen wipers should be placed vertical (Service Position). For more information refer to the "Maintenance procedures" paragraph in this chapter;

❒ wash the bodywork using a low pressure jet of water if possible;

❒ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing the sponge;

❒ rinse well with water and dry with a jet of air or a chamois leather.

Dry the less visible parts (e.g. door frames, bonnet, headlight frames, etc.) with special care, as water may stagnate more easily in these areas. Do not wash the car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts must be cleaned in the same way as the rest of the car.

If you wish to wash the car in a car wash which moves it, proceed as follows:

❒ make sure that the car is on a flat surface and that automatic engagement of the electric parking brake when the engine is switched off is disabled (for how to disable it, refer to the "Electric parking brake" section in the "Starting and driving" chapter);

❒ with the car stationary, the gear in N (Neutral) and the brake pedal up: press the start button. The car will remain in N (Neutral) for 15 minutes, after which P (Park) mode will be activated.

Avoid parking under trees; the resin dropped by trees makes the paintwork go opaque and increases the possibility of corrosion.

Care and maintenance of the Alfa Romeo logo badge / central wheel nut / ring

The following are recommended for care and maintenance of the Alfa Romeo logo badge / central wheel nut / ring:

❒ do not use acid or alkaline detergents which may damage the parts' surface finish;

❒ if detergents are used, read the instructions and warnings provided by the producer;

❒ do not use brushes or any other tool which may scratch the components;

❒ rinse with plenty of water;

❒ before washing the car in a car wash, make sure that the brushes are soft.

Windows

Use specific detergents and clean cloths to prevent scratching or altering the transparency.

WARNING Wipe the rear window inside gently with a cloth following the direction of the filaments to avoid damaging the heating device.

GTAm versions

On GTAm versions, proceed as follows to clean the Lexan® main and door rear windows:

❒ use a solution of delicate neutral soap (or compatible household detergent) and warm water and remove all traces of dirt with a soft cloth or sponge. Rinse with plenty of cold water and dry with a damp, clean chamois leather to help to prevent the formation of water marks.

❒ any scratches or abrasions cannot be corrected. Any type of treatment will only worsen the situation;

❒ DO NOT rub with dry or dirty rags;

❒ DO NOT use abrasive or highly alkaline detergents; the surface should be cleaned with isopropyl alcohol;

❒ DO NOT use scouring pads, squeegees, razor blades or other sharp tools;

❒ DO NOT clean Lexan® parts in hot sunlight or in high ambient temperature conditions;

❒ DO NOT clean surfaces with your hands.

WARNING Before starting cleaning, remove any metal objects you are wearing, such as watches, bracelets, rings, buttons, zips, etc. Do not apply glues or adhesives, stickers, decals, labels, etc. to the inside surface; the solvent in the glue damages the Lexan ® component.

Headlights

Use a soft cloth soaked in water and detergent for washing cars.

WARNING Never use aromatic substances (e.g. petrol) or ketones (e.g. acetone) for cleaning the plastic lenses of the headlights.

WARNING When cleaning the car with a pressure washer, keep the water jet at least 8 in (20 cm) away from the headlights.

VERSIONS WITH STICKERS

(where provided)

WARNING Due to their hand-crafted nature, the car or car parts covered, decorated and/or customised with stickers must be cleaned and washed exclusively by hand. The use of high-

pressure cleaners or roller brushes is not recommended.

The use of solvents, waxes, detergents or similar products is not recommended for the care of the car as they could damage the stickers or cause them to detach.

The use of such washing or cleaning instruments and methods will therefore invalidate the warranty.

NOTE We recommend using mild products for cleaning the car.

WARNING Any water marks on stickers should be removed by wetting again and drying with a non-abrasive soft cloth.

CARBON AERODYNAMIC APPENDAGES

WARNING To avoid damaging carbon aerodynamic appendages on the car, we recommend washing them by hand. In fact, aerodynamic appendages must be treated with special care to avoid damaging them.

ENGINE COMPARTMENT WASHING

51)

If the engine compartment is washed (at low pressure, e.g. in very dusty areas), this must be done with the engine cold and with ignition device turned to STOP. Take care not to direct the water jet straight at the electronic control modules or the wiper motors. Have this operation performed by a specialised workshop. After washing, check that the various protective components (e.g. rubber guards and caps) have not been removed or damaged.

IMPORTANT

48) *In order to preserve the appearance of the paint abrasive products and/or polishes should not be used for cleaning the car.*

49) *Abrasive products and/or polishes should not be used for cleaning the car. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid parking the vehicle under trees (unless it is absolutely necessary). Remove any resinous plant matter immediately because, once it has dried, it may require the use of abrasive and/or polishing products to be removed, which are strongly discouraged as they could potentially alter the characteristics of the paintwork. Do not use pure windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions. Do not use chemicals/acids to defrost windows/vehicle glass as they can damage the paint.*

50) *Avoid washing with rollers and/or brushes in washing stations. Wash the car only by hand using neutral pH detergents; dry it with a wet chamois leather. Abrasive products and/or polishes should not be used for cleaning the car. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the car under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opacity of the paint. Do not use pure windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions. Do not use chemicals/acids to defrost windows/vehicle glass as they can damage the paint.*

51) *A high pressure jet cleaner should not be used for cleaning the engine compartment. The appropriate precautions have been taken to protect all parts and connections, but the pressures generated by these devices are so high that complete protection against water seepages cannot be guaranteed.*

IMPORTANT

7) *Detergents pollute the water. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.*

INTERIOR

152) 153) 154) 155)

Periodically check the cleanliness of the interior, beneath the mats, which could cause oxidation of the sheet metal.

CLEANING THERMOEMBOSSED IMAGES ON SEATS

(where provided)

Due to the colour, opacity and wear-resistant protection with which the thermoembossed images on some seat versions are made, they may be subject to temporary scratching if they are touched by finger nails, keys, or other hard objects.

In such cases, the visible signs do not impair the profiled images, and can easily be removed by wiping the affected area with a microfibre cloth moistened with water (not dry) to restore the seat to its original condition.

WARNING The microfibre cloth must not have been previously soaked in other substances or detergents.

LEATHER SEATS

(where provided)

Remove the dry dirt with a chamois or slightly damp cloth, without exerting too much pressure.

Remove any liquid or grease stains using an absorbent dry cloth, without rubbing. Then clean with a soft cloth or buckskin cloth dampened with water and mild soap. If the stain persists, use specific products and observe the instructions carefully.

WARNING Never use alcohol. Make sure that the cleaning products used contain no alcohol or alcohol derivatives, even in small quantities.

PLASTIC AND COATED PARTS

52)

Clean interior plastic parts with a damp cloth (if possible made from microfibre), and a solution of water and neutral, non-abrasive detergent.

To clean oily or persistent stains, use specific products free from solvents and designed to maintain the original appearance and colour of the components.

Remove any dust using a microfibre cloth, if necessary moistened with water. The use of paper tissues is not recommended as these may leave residues.

ALCANTARA PARTS

(where provided)

53)

Alcantara parts maintenance procedure:

❒ treat the surface with a microfibre cloth moistened with mild marseille soap and water, taking care to cover the entire covered area and applying a uniform light pressure (do not rub vigorously);

❒ rinse and wring out the microfibre cloth, and pass it again over the covered area treated according to the previous point;

❒ let it dry then brush gently with a soft brush.

WARNING On the GTAm version, do not climb into the rear of the passenger compartment by treading on the Alcantara-covered part.

GENUINE LEATHER PARTS

(where provided)

Use only water and mild soap to clean these parts. Never use alcohol or alcohol-based products.

Before using a specific product for cleaning interiors, make sure that it does not contain alcohol and/or alcohol based substances.

CARBON FIBRE PARTS

To eliminate small scratches and marks on the carbon, contact an Authorized Centre at a Dedicated Alfa Romeo Dealership. An improperly performed operation may irreparably damage the carbon.

WARNING

152) *ever use flammable products, such as petrol ether or rectified petrol to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.*

153) *Do not keep aerosol cans in the car: they might explode. Aerosol cans must not be exposed to temperatures above 50°C. Temperatures may greatly exceed this value inside a car exposed to direct sunlight.*

154) *There must be no obstacles on the floor under the pedals. Make sure that mat are always flat and do not interfere with the pedals.*

155) *Do not use aggressive organic substance such as: petrol, kerosene, oil, acetone or solvents.*

IMPORTANT

52) *Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.*

53) *Do not use "hard" synthetic brushes as they could damage the fabric irreparably. Do not perform partial, localized interventions that could cause "aesthetic" differences between the treated and untreated areas. Do not use alcohol or acetone-based solvents.*

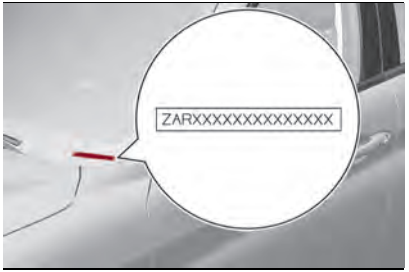
Everything you may find useful for understanding how your vehicle is made and works is contained in this chapter and illustrated with data, tables and graphics.
For the enthusiasts and the technician, but also just for those who want to know every detail of their car.

TECHNICAL SPECIFICATIONS

IDENTIFICATION DATA

VEHICLE IDENTIFICATION NUMBER

The Vehicle Identification Number (VIN) is stamped on a plate on the front left corner of the dashboard cover fig. 145, which can be seen from outside the vehicle, through the windscreen.



145 10016S0001EM

This number is also printed on the chassis at the front right shock absorber and can be seen by opening the bonnet fig. 146.

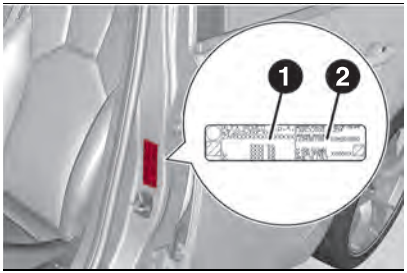
146 10016S0002EM

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

The plate is located on the left side front door pillar fig. 147 and shows the data about:

❒ (1): name of the manufacturer, vehicle type-approval number, car identification number, max. permitted weights;

❒ (2): engine identification, type variant version, spare part number, colour code, additional information.



147 10016S009EM

	2.9 V6
Cycle	Otto
Number and position of cylinders	6 a V
Piston bore and stroke (mm)	86.5 x 82
Total displacement (cm^3)	2891
Compression ratio	9.3: 1
Maximum power (ECE) (kW)	397
Maximum power (ECE) (HP)	540
Corresponding engine speed (rpm)	6500
Maximum torque (ECE) (Nm)	600
Maximum torque (ECE) (kgm)	61
Corresponding engine speed (rpm)	2500
Spark plugs	NGK LKAR8APTJDS
Fuel	Unleaded petrol with at least 95 R.O.N. (EN228 specifications)

(*) In order to comply with all emission limits while simultaneously guaranteeing minimal consumption and maximum performance, use premium unleaded petrol with octane rating (R.O.N.) 98 or higher.
The car's best performances are only guaranteed if a specific fuel is used (see information in "Refuelling the car" paragraph in the "Starting and driving" chapter).

RIMS AND WHEELS

Alloy rims. Tubeless radial carcass tires.

All approved tires are listed in the Registration Certificate.

WARNING If there are any discrepancies between the Owner Handbook and the Registration Document, take the information from the latter. For safe driving, the car must be fitted with tyres of the same make and type on all wheels.

WARNING Do not use air chambers with tubeless tyres.

WARNING Using tyres of a different size, type, brand or design at the front and rear may adversely affect car driveability. We recommend using tyres approved by the manufacturer. The manufacturer cannot determine if unapproved tyres are suitable for use and therefore cannot guarantee vehicle safety in those conditions.

CORRECT READING OF THE TYRE

Example fig. 148: 265/30 R20 98H

265 Nominal width (S, distance in mm between sides)

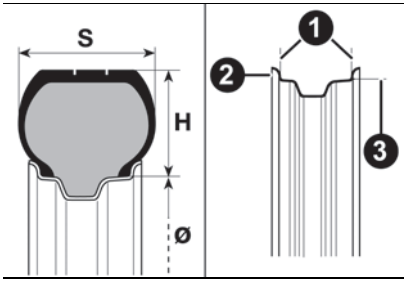
30 Height/width ratio (H/S), expressed as a percentage

R Radial tyre

20 Rim diameter in inches (Ø)

98 Load rating (capacity)

H Maximum speed rating



148 10096S0001EM

Maximum speed index

Q up to 160 km/h
R up to 170 km/h
S up to 180 km/h
T up to 190 km/h
U up to 200 km/h
H up to 210 km/h
V up to 240 km/h
W up to 270 km/h
Y up to 300 km/h

Maximum speed index for snow tyres

Q M+S up to 160 km/h
T M+S up to 190 km/h
H M+S up to 210 km/h
V M+S up to 240 km/h
W M+S up to 270 km/h

Load index (capacity) (*)	
60 = 250 kg	**80** = 450 kg
61 = 257 kg	**81** = 462 kg
62 = 265 kg	**82** = 475 kg
63 = 272 kg	**83** = 487 kg
64 = 280 kg	**84** = 500 kg
65 = 290 kg	**85** = 515 kg
66 = 300 kg	**86** = 530 kg
67 = 307 kg	**87** = 545 kg
68 = 315 kg	**88** = 560 kg
69 = 325 kg	**89** = 580 kg
70 = 335 kg	**90** = 600 kg
71 = 345 kg	**91** = 615 kg
72 = 355 kg	**92** = 630 kg
73 = 365 kg	**93** = 650 kg
74 = 375 kg	**94** = 670 kg
75 = 387 kg	**95** = 690 kg
76 = 400 kg	**96** = 710 kg
77 = 412 kg	**97** = 730 kg

Load index (capacity) (*)	
78 = 425 kg	**98** = 750 kg
79 = 437 kg	**99** = 775 kg

(*) The capacity may be less, depending on the tyre inflation pressure prescribed for the car. The load index remains the same and does not depend on the pressure of use.

CORRECT READING OF THE RIM CODE

Example fig. 148: 9.5J x 20 H2 ET 40

9.5 width of the rim in inches (1).

J rim drop centre outline (side projection where the tyre bead rests) (2).

20 fitting diameter, expressed in inches (corresponds to the diameter of the tyre that should be fitted) (3 = Ø).

H2 shape and number of humps (circumference measurement which keeps the bead of tubeless tyres in position on the rim).

ET 40: wheel compensation (distance between the disc/rim supporting plane and the wheel rim centre line).

SNOW CHAINS

54)

Snow chains may be fitted on the 255/30 R20 XL 92W M+S rear tyres with snowflake symbol (winter tyre size), with size "255" tyres fitted at both front and rear.

Avoid using traditional chains as they can damage the braking system if not installed correctly, thereby compromising the car's safety.

For details of the make and type of snow chains to be used, contact a Dedicated Alfa Romeo Dealership or call Customer Care on the number provided in the Warranty Booklet.

Warnings

The use of snow chains should be in compliance with local regulations of each country. In certain countries, tyres marked with code M+S (Mud and Snow) and the ⛄ symbol are considered as winter equipment.

Snow chains may be applied only to the rear wheel tyres.

Check the tension of the snow chains after the first few feet/meters have been driven.

WARNING Using snow chains with tyres with non-original dimensions is not permitted and may damage the car.

WARNING Using different size or type (M+S, snow, etc.) tyres between front and rear axle may adversely affect car driveability, with the risk of losing control of the car and resulting accidents.

WINTER TYRES

When winter tyres are fitted, apply the warning sticker shown in fig. 149 stating "Max. 160 km/h / 100 mph" in a position clearly visible to the driver (e.g. on the instrument panel) as a reminder that speeds over 160 km/h / 100 mph are not permitted.

149 10106S0777EM

IMPORTANT

54) *Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, do not drive over steps or pavements and do not drive long distances over roads without snow, to avoid damaging both your car and the road surface.*

RIMS AND TYRES PROVIDED

156) 157)

Model	Position	Rims	Tyres
2.9 V6 GTA **2.9 V6 GTAm**	Front	20 x 9.5J ET23	265/30 ZR20 Michelin Pilot Sport CUP2 Connect (specification 427348A) (94Y) XL
	Rear	20 x 10.5J ET17	285/30 ZR20 Michelin Pilot Sport CUP2 Connect (specification K158495A) (99Y) XL

Winter tyres on which snow chains can be fitted are available in size 255/30 R20 92W XL M+S with snowflake, recommended type Michelin TL Pilot Alpin 5MI (specification 920854).

Always check the registration certificate for the tyres that can be installed (size, load index, speed symbol).

WARNING When using summer tyres for on-road driving, take great care on wet roads, when ambient temperature is less than 44.6°F (7°C) or on low-grip road surfaces (dirt, leaves, wet). You are advised to set the Alfa DNA™ Pro system in "a" (Advanced Efficiency) position (for more details, refer to the "Alfa DNA™ Pro System" paragraph in the “Starting and driving” chapter).

COLD TYRE INFLATION PRESSURE

Recheck the correct inflation pressure value when the tyre is cold.

If it is necessary to raise the vehicle, refer to the "Raising the vehicle" paragraph in the "In an emergency" chapter.

Unladen/medium load (psi / bar)		Full load (psi / bar)	
Front	Rear	Front	Rear
33.4 / 2.3 (*) 39.2 / 2.7 (**)	30.5 / 2.1 (*) 30.5 / 2.1 (**)	37.7 / 2.6 (*) 43.5 / 3.0 (**)	37.7 / 2.6 (*) 39.2 / 2.7 (**)

(*) Cold inflation pressure values for top speed of mph (280 km/h)

(**) Cold inflation pressure values for speed over 174 mph (280 km/h)

Cold inflation pressures with increase of +2.9 psi (+0.2 bar) due to tyre heating

Unladen/medium load (psi / bar)		Full load (psi / bar)	
Front	Rear	Front	Rear
33.4 / 2.3 (*) 36.2 / 2.5 (**)	30.5 / 2.1 (*) 30.5 / 2.1 (**)	37.7 / 2.6 (*) 40.7 / 2.8 (**)	37.7 / 2.6 (*) 37.7 / 2.6 (**)

(*) Inflation pressure values for top speed of 180 mph (290 km/h)

(**) Cold inflation pressure values for speed over 180 mph (290 km/h)

NOTE Cold inflation pressures values, considering an increase of +2.9 psi (+0.2 bar) due to tyre heating. This increase does not apply to winter tyres (smaller size 255/30 ZR20 92W XL), when the car is driven at lower speeds.

Winter tyre suitable for fitting snow chains

Tyres	Unladen/medium load (psi / bar)		Full load (psi / bar)	
	Front	Rear	Front	Rear
255/30 ZR20 92W XL (front and rear) (*)	33.4 / 2.3	30.5 / 2.1	33.4 / 2.3	34.8 / 2.4

(*) Small tyre: for safety reasons, limit the speed to 80 mph (130 km/h) on motorways and 55 mph (90 km/h) on extra-urban routes. Set the Alfa DNA™ Pro system to position "a" (Advanced Efficiency) or "n" (Normal). For further details, see the "Alfa DNA™ Pro "System" paragraph in the "Starting and driving" chapter.

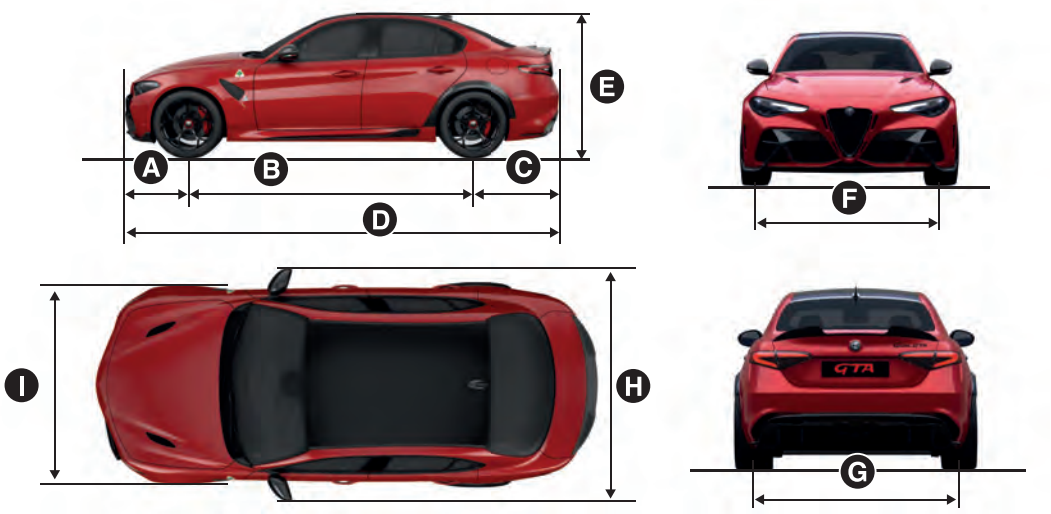
WARNING

156) *If winter tyres with a lower speed rating than that indicated in the Registration Document are used, do not exceed the maximum speed corresponding to the speed rating of the tyres used.*

157) *Do not exceed a speed of 100 mph (160 km/h) with winter tyres fitted. In all cases, comply with the laws in force in the Country of use and the Tyre Manufacturer's recommendations.*

DIMENSIONS

Dimensions are expressed in inches/mm and refer to the car equipped with its original tyres. Height is measured with car unladen.



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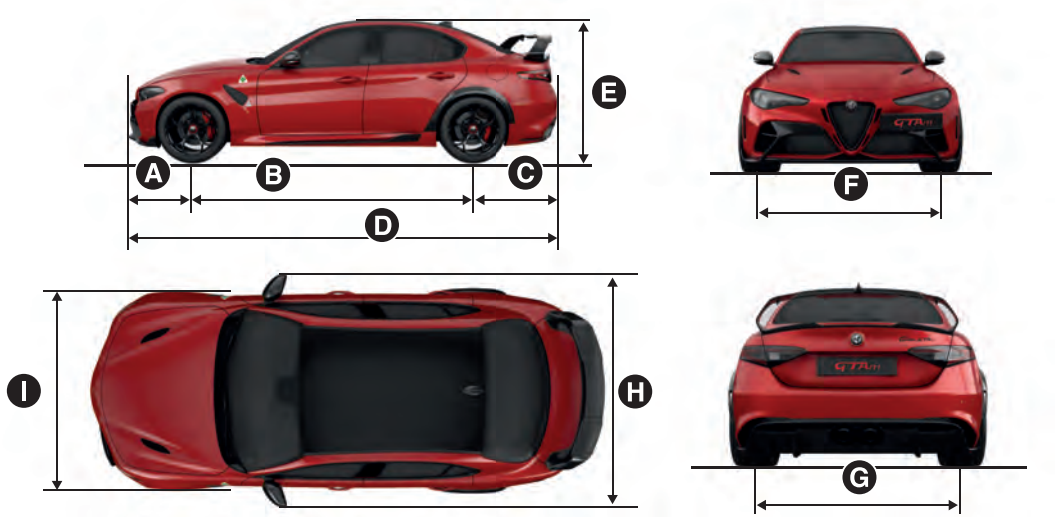
BOOT VOLUME (V.D.A. standard capacity)

Non-folding rear seats (unladen car): 105.6 UK gal (480 litres)

GTA VERSIONS

A	B	C	D	E	F	G	H	I
31.8 / 810	111 / 2820	40.3 / 1024	183.2 / 4654	56.8 / 1445	62.2 / 1580	65.1 / 1654	79.7 / 2024	75.7 / 1923



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GTAm VERSIONS

A	B	C	D	E	F	G	H	I
32.5 / 825	111 / 2820	40.3 / 1024	183.8 / 4669	56.9 / 1445	62.2 / 1580	65.1 / 1654	79.7 / 2024	75.7 / 1923

WEIGHTS

Weights (lb / kg)	GTA version	GTAm version
Unladen weight (with all liquids, fuel tank filled to 90% and without optional equipment)	3537 / 1605	3476 / 1580
Payload including the driver (*)	1200 / 545	638 / 290
Maximum permitted loads (**)		
– front axle	2255 / 1025	2200 / 1000
– rear axle	2640 / 1200	2145 / 975
– total	4730 / 2150	4114 / 1870
Towable loads	–	–

(*) If special equipment is fitted, the unladen weight increases, thus reducing the specified payload within the maximum permitted loads.
(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or on the load platform within the maximum permitted loads.

	2.9 V6	Prescribed fuels and original lubricants
Fuel tank (UK gal / litres)	12.76 / 58	Unleaded petrol (EN228 specifications)
including a reserve of (UK gal / litres)	1.98 / 9.0	
Main cooling system (UK gal / litres)	2.46 / 11.2	50% mixture of distilled water and PARAFLU UP (*)
Secondary cooling system (UK gal / litres)	1.21/ 5.5	
Engine sump and filter (UK gal / litres)	1.42 / 6.5	SELENIA QUADRIFOGLIO
Hydraulic brake circuit (UK gal / litres)	0.2 / 0.9	TUTELA BRAKE FLUID EXTREME HT
Windscreen washer tank (UK gal / litres)	0.92 / 4.2	PETRONAS DURANCE SC 35
Automatic transmission ZF 8HP75 (UK gal / litres)	2.01 / 9.11	TUTELA TRANSMISSION AS 8
Differential and reduction gears RDU 230-TV (UK gal / litres)	Main body: 0.18 / 0.8 Left TV: 0.11 / 0.5 Right TV: 0.13/ 0.6	TUTELA TRANSMISSION AXLE-DRIVE

(*) For particularly harsh climate conditions, a mixture of 60% PARAFLU UP and 40% demineralised water is recommended.

FLUIDS AND LUBRICANTS

Your vehicle is equipped with an engine oil that has been thoroughly developed and tested in order to meet the requirements of the Service Schedule. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.

55)

PRODUCT SPECIFICATIONS

ENGINE LUBRICATION

	Features	Specification	Original liquids and lubricants	Replacement interval
Lubricant for 2.9 V6 petrol engine	**SAE 5W-40** ACEA C3	9.55535-GH2	SELENIA QUADRIFOGLIO Contractual Technical Reference N°F022.B18	According to Scheduled Servicing Plan

If lubricants conforming to the specific request are not available, products that meet the indicated specifications can be used to top up; in this case optimal performance of the engine is not guaranteed.

Use	Features	Specification	Original liquids and lubricants	Applications
Lubricants and greases for drive transmission	ATF Synthetic lubricant	9.55550-AV5	TUTELA TRANSMISSION AS 8 Contractual Technical Reference N° F139.I11	Automatic transmission
	SAE 75W-85 API GL-5 synthetic lubricant	9.55550-DA8	TUTELA TRANSMISSION AXLE-DRIVE Contractual Technical Reference N° F058.N15	Differentials and reduction gears RDU 230-TV
	NLGI 0-1 grease for constant velocity joints with low friction coefficient	9.55580-GRAS II	TUTELA STAR 700 Contractual Technical Reference N°F701.C07	Differential side constant velocity joints
	NLGI 1-2 molybdenum disulphide grease for high temperatures	9.55580-GRAS II	TUTELA ALL STAR Contractual Technical Reference N°F702.G07	Wheel side constant velocity joints
Brake fluid	DOT 4	9.55597	TUTELA BRAKE FLUID EXTREME HT Contractual Technical Reference N°F001.N15	Hydraulic brakes and clutch controls
Protective agent for radiators	Protective with antifreeze, ethylene glycol based organic formula, free from amine and 2-EH (2-ethyl hexanoic acid), containing corrosion inhibitors and anti-foam additives. CUNA NC 956-16, ASTM D 3306	9.55523 or MS.90032	PARAFLU UP Contractual Technical Reference N°F101.M01	Percentage of use 50% Mixture with different formulation products not allowed (*)

Use	Features	Specification	Original liquids and lubricants	Applications
Windscreen washer fluid	CUNA NC 956-11	9.55522	PETRONAS DURANCE SC 35 Contractual Technical Reference N° F001.D16	To be used diluted or undiluted in windscreen washer/wiper systems
Automatic climate control system (HVAC)	R1234yf or R134a (depending on market)			

(*) For particularly harsh climate conditions, a mixture of 60% PARAFLU UP and 40% demineralised water is recommended.

IMPORTANT

55) *The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.*

PERFORMANCE

Top performance after the initial period of vehicle usage.

The car's best performances are only guaranteed if a specific fuel is used (see information in "Refuelling the car" paragraph in the "Starting and driving" chapter).

Versions	Maximum speed (mph - km/h)
2.9 V6 GTA	187.5 / 300
2.9 V6 GTAm	187.5 / 300

FUEL CONSUMPTION AND CO2 EMISSIONS

The fuel consumption and CO_2 emission figures declared by the manufacturer are determined on the basis of the type-approval tests laid down by the applicable standards in the country where the vehicle is registered.

The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured.

The fuel consumption will only become more regular after driving the first 3000 km.

To find the specific fuel consumption and CO_2 emission figures for this car, please refer to the data in the Certificate of Conformity, and the related documentation that accompanies the car.

PRESCRIPTIONS FOR HANDLING THE CAR AT THE END OF ITS LIFE

(where provided)

For years, Alfa Romeo S.p.A. has pursued a global commitment to protect and respect the environment by continually improving its production processes and developing increasingly "eco-compatible" products. To grant customers the best possible service in terms of respecting environmental laws and in response to European Directive 2000/53/EC governing vehicles at the end of their life, Alfa Romeo S.p.A. is offering its customers the chance to hand over their car at the end of its life without incurring any additional costs. The European Directive sets out that when the vehicle is handed over the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value.

To hand your car over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another car or an Alfa Romeo S.p.A.-authorised collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from an Alfa Romeo S.p.A. dealership or by calling the number in the Warranty Booklet or by consulting the Alfa Romeo S.p.A. website.

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This chapter describes the main functions of the Connect system that can be fitted on the vehicle.

MULTIMEDIA

TIPS INFORMATION AND GENERAL INFORMATION

ROAD SAFETY

158) 159)

Learn how to use the varied system functions before starting to drive.

Read the instructions for the system carefully before starting to drive.

WARNING Look at the screen only and when it is necessary and safe. If you need to look at the screen for a long time, pull over to a safe place so as not to be distracted while driving. Immediately stop using the system in the event of a fault. Otherwise the system might be damaged. Contact a dedicated Alfa Romeo Dealership as soon as possible to have the system repaired.

RECEPTION CONDITIONS

(where provided)

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, especially when you are far away from the broadcaster.

WARNING The volume may be adjusted when receiving traffic information and news.

NOTE The DAB frequency can be used in countries where digital transmission technology is available. The device will tuned to any frequency if the DAB button is pressed in a country where the service is not provided.

CARE AND MAINTENANCE

56) 57)

Observe the following precautions to ensure the system is fully operational:

❒ avoid hitting the display lens with pointed or hard objects that could damage its surface.

❒ clean with a damp cloth (microfibre if possible). If necessary, you can use a delicate mild soap and water solution, then dry with a soft, dry cloth. Do not apply pressure to the display lens while cleaning;

❒ do not use alcohol, petrol and derived products them to clean the display lens and make sure that the Connect system is switched off during cleaning;

❒ prevent any liquid from entering the system: this could damage it beyond repair.

CONNECT SYSTEM USE

To interact with the Connect system you can use the controls on the central tunnel, on the steering wheel, using the touchscreen function or the voice controls.

ANTI-THEFT PROTECTION

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle.

This guarantees maximum security and prevents the system from being used on other cars in the event of theft. If necessary contact a dedicated Alfa Romeo Dealership.

IMPORTANT NOTES

Look at the screen only and when it is necessary and safe. If you need to look at the screen for a long time, pull over to a safe place so as not to be distracted while driving.

Immediately stop using the system in the event of a fault.

Otherwise the system might be damaged. Contact a dedicated Alfa Romeo Dealership as soon as possible to have the system repaired.

WARNING

158) *Follow the safety rules here below: otherwise serious injuries may occur to the occupants or the system may be damaged.*

159) *If the volume is too loud this can be dangerous. Adjust the volume so that you can still hear background noises (e.g. horns, ambulances, police vehicles, etc.).*

IMPORTANT

56) *Only clean the front panel and the display with a soft, clean, dry, anti-static cloth. Cleaning and polishing products may damage the surface. Do not use alcohol or similar products to clean the control panel or the display.*

57) *Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.*

CONTROLS

CONTROLS ON TUNNEL

On the central tunnel, fig. 152, there are commands to interact with the Connect system.

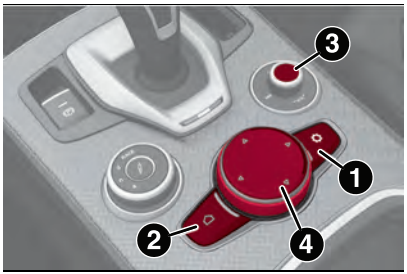
SETTINGS button (1)

Pressing the "Settings" button ⚙ while within the modes ("RADIO", "MEDIA", "PHONE", "NAVIGATION") will open the "Settings" Display the mode in question.

Press the button it again will return to the previously selected mode.

MENU button (2)

Press the button ⌂ to access the Main Menu.



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DESCRIPTION OF CONTROLS TABLES

ON/OFF and VOLUME control (3)

Action	Function
LONG PRESS	Switching the Connect system on/off
SHORT PRESS	**Radio Mode**: Activate/deactivate the Mute function **Media Mode**: Activate/deactivate play/pause **Phone Mode**: Activate/deactivate the microphone during a phone call
ROTATION	Turn clockwise to increase the volume/turn anticlockwise to decrease the volume
MOVE TO THE SIDE	**Radio mode**: on the right to select next/left radio station/on the left to select previous station (radio station search can be done by "Frequency"/"Name"/"Favourites") **Media mode**: short press on the right: select next track/short press on left select previous track **Long press on right** ("Media" mode): go to next track/long press on left, go to previous track

Rotary Pad (4)

Action	Function
ROTATION	**In the Menus**: confirms selection **In Navigation mode** (where provided): zooms the maps
SHORT PRESS	**In the Menus**: confirms selection
LONG PRESS	**Radio mode**: store radio station on the radio station bar/store a favourite on the preset bar
BRIEF TOUCH RIGHTWARDS (*)	**In the Menus**: goes to the submenu of the selected function **In Navigation mode** (where provided), in "Browse Map": moves rightwards on the map Navigation to move inside the navigation map
BRIEF TOUCH LEFTWARDS (*)	**In the Menus**: goes back to the previous menu ("Esc" function) **In Navigation mode** (where provided), in "Browse Map": moves leftwards on the map Navigation to move inside the navigation map
BRIEF TOUCH UPWARDS (*)	**In the Menus**: closes the preset bar **In Navigation mode** (where provided), in "Browse Map": moves upwards on the map Navigation to move inside the navigation map
BRIEF TOUCH DOWNWARDS (*)	Activating radio presettings/Saving "Contacts" and "Destinations" **In the Menus**: opens the preset bar **In Navigation mode** (where provided), in "Browse Map": moves downwards on the map Navigation to move inside the navigation map

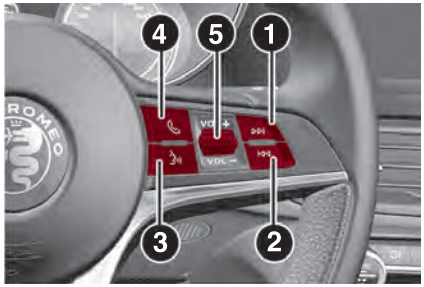
(*) The Rotary Pad must be tilted in the indicated direction ("tilt" function)

CONTROLS ON THE STEERING WHEEL

DESCRIPTION

The controls for the main system functions are present on the steering wheel to make control easier.

The activation of the function selected is controlled, in some cases, by how long the button is pressed (short or long press) as described in the following tables.



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CONTROLS ON STEERING WHEEL SUMMARY TABLE

Button ▶▶| (1)

Action	Function
SHORT PRESS	**In Radio mode**: select the next radio station. **In Media mode**: select the next track.
LONG PRESS	**In Radio mode**: scan higher frequencies until released. **In Media mode**: fast forward track.

Button ⏮(2)

Action	Function
SHORT PRESS	**In Radio mode**: select the previous radio station. **In Media mode**: select the previous track.
LONG PRESS	**In Radio mode**: scan lower frequencies until released. **In Media mode**: fast rewind track.

Voice control button (3)

Action	Function
SHORT PRESS	**With voice session not active**: activation of Connect system voice controls. **With voice session active:** immediately close voice session in progress.
LONG PRESS	**With voice session active:** interrupt voice session in progress (a new voice control can be imparted). **With voice session not active and external audio device connected (e.g. Apple CarPlay / Android Auto/Car Life)**: activate voice session of connected device.

NOTE If Apple CarPlay and Android Auto apps are present, Siri voice assistant (for Apple CarPlay) or Google Assistant (for Android Auto) will be activated. In this case you can use "Natural language" voice controls and not just the specific ones preset for the Connect system.

Phone button (4)

Answers/ends call or shows Recent Calls list.

Volume Control (5)

Action	Function
ROTATION	**Upwards**: turn the volume up **Downwards**: turn the volume down
SHORT PRESS	**In Radio mode**: activate/deactivate the Mute function. **In Media mode**: activate play/pause. **In Phone mode**: activate/deactivate the microphone Mute function.

"TOUCHSCREEN" FUNCTION

The Connect system is also equipped with a touchscreen function: in addition to the selection of items using the controls on the central tunnel and on the steering wheel, it is possible to interact with the various functions/modes by pressing on the icons shown the display.

ACTIONS THAT CAN BE PERFORMED USING THE TOUCHSCREEN FUNCTION

Function	Action on the display
SCROLL UP	
SCROLL DOWN	
MOVE LEFTWARDS	
MOVE RIGHTWARDS	
SHORT PRESS	
LONG PRESS	

WIDGETS

WIDGET INTERACTION MODES

The Connect system display shows widgets which can be used to access the various operating modes of the system itself.

You can interact with the widgets on the Main Menu using the touchscreen function or using the Rotary Pad located on the central tunnel.

One of the following operations can be performed:

❒ **open the widget** by pressing on it (touchscreen) or by pressing the Rotary Pad;

❒ **scroll the widgets** rightwards/leftwards using the touchscreen function or by turning the Rotary Pad rightwards/leftwards.

MOVING THE WIDGETS

You can move the widgets on the display using the touchscreen function or using the commands located on the central tunnel.

Using the touchscreen function

Select the desired widget or press the "Reorder" button on the vertical status bar and then:

❒ **Moving the widget**: hold the desired widget pressed for a few seconds and then move it to the right or left of the display.

❒ **Resizing the widget**: press the widget resize icon to be resized.

❒ **View widget content**: select the desired widget and then scroll vertically. When reordering the widgets (viewing their thumbnails), it will not be possible to view their contents.

Using the controls located on the central tunnel

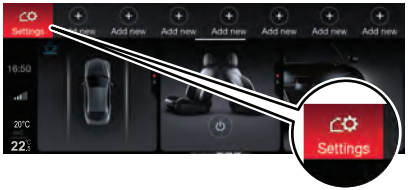
Proceed as follows:

❒ press the button on the central tunnel: a horizontal bar graph fig. 154 will appear on the upper part of the display;

❒ turn the Rotary Pad to select the "Settings" item;

❒ press the Rotary Pad to confirm the selection and then select one of the following items:

- "Widget reorder": to move the desired widget to the right or left of the display.
- "Widget resize": to change the size of the widget display to "1/3 view" or "2/3 view" of the display area.
- "Widget content": to view the content of the desired widget.



154 12126S0906EM

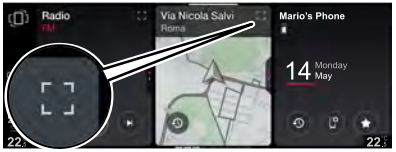
RESIZING WIDGETS

Some widgets can occupy 1/3 or 2/3 of the display area.

Using the touchscreen function

❒ **"1/3" view** fig. 155: icons, menu name, main information, graphic buttons (up to 3) (where provided) appear on the display.

❒ **"2/3" view** fig. 156: to activate the enlarged display of the widget, press the "enlarge" graphic button (where present) located on the top of the widget itself. To return from the "1/3" view, press the graphic button



155 12126S0909EM

156 12126S0910EM

Using the controls located on the central tunnel

Activate the "Settings" menu and then select the item "Widget resize".

Only the resizeable widgets will be activated (these will appear on the display with a different colour from those that cannot be resized and therefore cannot be selected).

To resize the widget and switch to "2/3" view, press the Rotary Pad.

Press the graphic button to return to the normal view.

NOTE It is not possible to keep two widgets in "2/3 view" mode on the display at the same time.

VIEWING WIDGET CONTENTS

Using the touchscreen function

To change the widget view, select it and swipe vertically, either upwards or downwards.

Using the controls located on the central tunnel

Activate the "Settings" menu and then select the "Widget content" item: only the widgets with content will be active and selectable on the display.

Proceed as follows to view the contents of the widgets:

❒ turn the Rotary Pad to select the desired widget;

❒ press the Rotary Pad to confirm the selection;

❒ turn the Rotary Pad to display the contents of the widget;

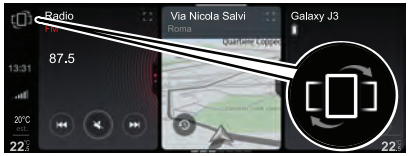
❒ press the Rotary Pad to keep the display active and exit the widget.

REORDER THE WIDGETS

The widgets can be reordered on the Main Menu in two different ways:

❒ "**Explicit**": by pressing the "Reorder" graphic button located on the upper left of the display fig. 157

❒ "**Implicit**": by holding the desired widget pressed for a few seconds.



157 12126S0919EM

Using the touchscreen function

Explicit mode

In both modes, the size of the widgets will be reduced and displayed, up to a maximum of 5, on the display.

NOTE When reordering the widgets (viewing their thumbnails), it will not be possible to view their contents.

Proceed as follows:

❒ press the graphic button located in the upper left part of the display: the first widget will be displayed;

❒ press and hold down the desired widget and drag it to the desired position;

❒ release the widget: the new position of the widget will be stored by the Connect system.

158 12126S0922EM

Implicit mode

Proceed as follows:

❒ hold the desired widget pressed: the widgets will be reduced and displayed, up to a maximum of 5, on the display. The selected widget will remain displayed and will be larger in size;

❒ press and hold down the desired widget and drag it to the desired position;

❒ release the widget: the new position of the widget will be stored by the Connect system.

To return to the Main Menu press the graphic buttons ⌂ or **<**

Using the controls located on the central tunnel

Activate the "Settings" menu and then select "Widget reorder": the first widget will be displayed automatically.

Proceed as follows to reorder the widgets:

❒ turn the Rotary Pad and select the desired widget: the widget will be highlighted on the display;

❒ press the Rotary Pad: a graphic arrow ▶ will appear next to the widget, indicating the direction in which you can move the widget;

❒ turn the Rotary Pad to move the widget to the desired position;

❒ press the Rotary Pad to store the new widget location (the widget will continue to be highlighted on the display).

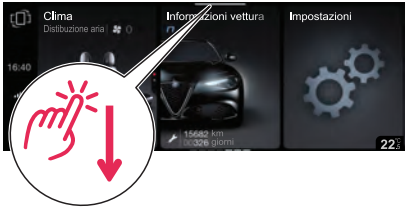
To go back to the Main Menu, turn the Rotary Pad to the left or press the button ⌂ on the central tunnel.

SHORTCUT MENU

Proceed as follows to activate the status bar display:

❒ *Using the touchscreen function:* touch the upper part of the display, fig. 159, and slide your finger down.

❒ *Using the controls on the central tunnel*: move Rotary Pad 1 fig. 160 downwards.



159 12126S0953EM

160 12126S0929EM

The "shortcut" menu can be used to:

❒ access the "Settings" menu;

❒ quickly access the stored radio station "Favourites" or "Contacts" or navigation "Destinations";

❒ add graphic buttons to quickly access the desired function.

RADIO (TUNER) MODE

RADIO MODE SELECTION (TUNER)

"RADIO" mode can be activated by using the appropriate widget in the main menu of the Connect system.

NOTE Some "RADIO" mode functions can be activated in addition to using the Rotary Pad and/or the touchscreen function, also using voice controls: for more information, see the "AM/FM/DAB Radio voice commands" paragraph in the "Voice controls" section in this publication.

MAIN SCREEN RADIO MODE

The following information will be displayed after selecting the desired radio station on the display fig. 161.

161 12126S0930EM

Sidebar fig. 161

The following graphic buttons are displayed on the sidebar:

- **SRC**: can be used to select the required frequency band;
- to select the Favourites list;
- to view the list of available radio stations;
- to manually seek a radio station.

Central zone of the display fig. 161

The following information is displayed in the central area of the display:

- selected frequency band (e.g. FM);
- name of the current radio station;
- logo of the active frequency band;
- transmitted programme type;
- current radio station frequency;
- radio mode graphic buttons (select previous radio station, activate/deactivate mute function, select next radio station);
- list and name of stored radio stations.

AUDIO

(where provided)

Proceed as follows to open the "Audio" menu:

- press the "Settings" button on the central tunnel;
- turn the Rotary Pad to select the "Audio Settings" item.

When the function is activated, the following parameters can be set:

- "Bass" (-9; 0; +9);
- "Treble" (-9; 0; +9);
- "Mid" (-9; 0; +9);
- "Balance/Fade"
- "Volume/Speed" (OFF; +5);
- "AUX Volume Comp." (OFF; +20);
- "Restore Settings"

MEDIA MODE

NOTE Some "MEDIA" mode functions can be activated in addition to using the Rotary Pad and/or the touchscreen function, also using voice controls: for more information, see the "Media voice controls" paragraph in the "Voice controls" section in this publication.

AUDIO SOURCE SELECTION

When the MEDIA source is active, the following information is shown on the display fig. 162:

- **SRC**: activate the list of sources
- to activate Shuffle/Playback Mode
- to activate Tracks Library
- to activate the Playlists

Press the graphic button to activate "MEDIA" mode **SRC**: the display shows the available sources: AM, FM, DAB, **Bluetooth®**, USB1, USB2.

162 12126S0937EM

Bluetooth® SOURCE

Bluetooth® ACTIVATION

This mode is activated by pairing a **Bluetooth®** device containing music tracks with the system.

PAIRING A Bluetooth® AUDIO DEVICE

Proceed as follows:

❒ activate the **Bluetooth®** function on the device;

❒ open the main menu by pressing button ⌂ and select “Settings”;

❒ select “Infotainment”;

❒ select "Phone" and then "Bluetooth Settings";

❒ select the **Bluetooth®** fig. 163 device;

❒ select "Add Device" ⊞;

❒ search for the Connect system on the **Bluetooth®** audio device (during pairing, a screen will appear on the display showing the progress of the operation);

❒ select the device to be paired;

❒ when requested by the audio device, enter the PIN code shown on the system display or confirm on the device the PIN displayed;

❒ if the pairing procedure is completed successfully, a dedicated screen will appear;

163 12126S0430EM

The **Bluetooth®** function can also be reached by pressing the "OPTIONS" button in the "PHONE" or "MEDIA functions", which can be selected on the main menu.

WARNING If the **Bluetooth®** connection between mobile phone and system is lost, consult the mobile phone handbook.

USB/iPod/AUX SUPPORT

USB/iPod MODE

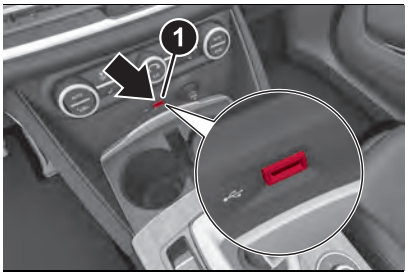
To activate the USB/iPod mode insert the corresponding device (USB or iPod) in one of the USB ports located:

❒ underneath the automatic dual-zone climate control panel, 1 fig. 164;

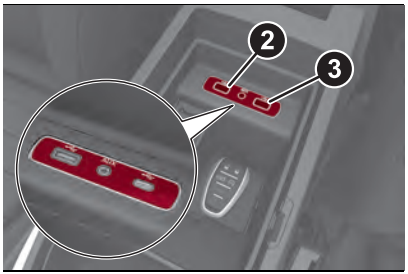
❒ inside the glove compartment underneath the front armrest, 2 fig. 165.

NOTE The Connect system may not support some USB keys: in this case, it may not automatically switch from “Radio” mode to “Media” mode. If the device used does not play, verify its compatibility by selecting “Media” mode: a dedicated message will appear on the Connect system display.

WARNING After using a USB recharging socket, we recommend disconnecting the device (smartphone), always removing the cable from the vehicle socket first, never from the device. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.



164 04026S0981EM



165 04026S0993EM

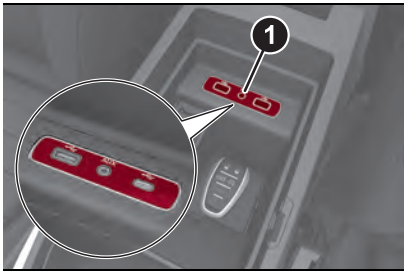
USB socket (battery charger)

The glove compartment underneath the front armrest also contains a third USB socket 3 fig. 165 for use as a "battery charger" only.

AUX SOURCE

To activate AUX mode, insert an appropriate device in the AUX socket 1 fig. 166 on the car.

When a device is connected to that socket, the system starts reproducing the connected AUX source, if it is already playing.



166 04026S0982EM

CLIMATE CONTROL SYSTEM

The Connect system lets you interact with the automatic dual-zone climate control system to adjust the temperature inside the passenger compartment.

NOTE The climate control widget is only active via the touchscreen function.

The Climate Control System widget in the Main Menu can display the "Air" content fig. 167.

Scroll up/down on the widget to change the display.

Press the widget to activate the "Air" screen.

167 12126S0970EM

On the climate control system widget is displayed a single graphic button ⏻ (activated only using the touchscreen function) which, if pressed, allows you to turn off the automatic dial-zone climate control system and then turn it back on in its last active configuration before turning off.

"AIR" SCREEN

The "Air" screen can be used to adjust the air temperature on driver and passenger side.

Graphic buttons are present on the screen for activating the same functions which can be selected using the buttons on the display of the automatic dual-zone climate control system located in the passenger compartment (see "Climate control system" paragraph in the "Knowing your car" chapter).

PHONE MODE

NOTE Some "TELEPHONE" mode functions can be activated in addition to using the Rotary Pad and/or the touchscreen function, also using voice controls: for more information, see the "Phone voice controls" paragraph in the "Voice controls" section in this publication.

INDICATIONS ON THE DISPLAY

The "PHONE" mode widget appears on the main menu.

The widget display vary according to the following conditions:

❒ Paired mobile phone
❒ No paired mobile phone
❒ Phone call in progress
❒ Multiple phone call in progress
❒ Outgoing telephone call
❒ Phone conference in progress

Paired mobile phone

If you have already paired your mobile phone (see the following pages), the following three graphic buttons fig. 168 will appear on the "PHONE" widget:

❒ Turn the microphone on/off during a phone call (1);
❒ End call (2);
❒ Transfer call to device (3).

168 12126S0417EM

PAIRING A MOBILE PHONE

Pairing procedure

To pair the mobile phone, proceed as follows:

❒ activate the **Bluetooth®** function on the device;
❒ in the main menu, select the "SETTINGS" function by turning and pressing the Rotary Pad;
❒ select "Infotainment";
❒ select the **Bluetooth®** device;
❒ select "Add Device";
❒ search for the Connect system on the **Bluetooth®** audio device (during the pairing stage a screen will appear on the display showing the progress of the operation);
❒ select the device to be paired;
❒ when requested by the device, enter the PIN code shown on the system display or confirm the PIN displayed on the device;
❒ if the pairing procedure is completed successfully, a screen is displayed;
❒ the **Bluetooth®** function can also be activated by pressing the ☼ "PHONE" or "MEDIA" functions, which can be selected from the main menu.

WARNING Perform the telephone pairing operation only while the car is stationary and in safe conditions. Only do this with the car stationary and in safe conditions. The feature is disabled when the car is moving faster than 5 km/h.

WARNING If the **Bluetooth®** connection between mobile phone and system is lost consult the mobile phone handbook.

MAKING A PHONE CALL

With the "PHONE" function on, you can make a call in the following ways:

❒ by selecting "Phone Book" on the display or "Recent Calls" and then selecting a contact from the suggested list;

or

❒ by selecting "Dial" item on the display.

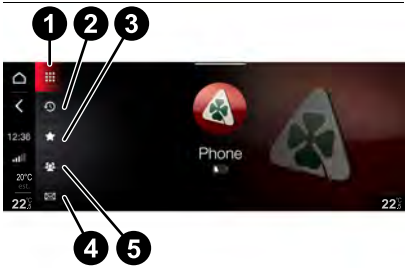
MAIN PHONE MENU

When a mobile phone is connected to the Connect system, various items (if available) will appear on the main menu fig. 169:

❒ network signal intensity;

❒ mobile phone battery charge;

❒ mobile phone name.



169 12126S0421EM

The other information shown on the display is:

❒ "Dial" (1 fig. 169): press this graphic button to show the "dial number" screen on the display which can be used to dial the telephone.

❒ "Recent calls" (2 fig. fig. 169): press this graphic button to choose between "All Calls" and "Missed Calls".

❒ "Favourites" (3 fig. fig. 169): press this graphic button you can choose between "Edit favourites", "Add favourites", "Reorder favourites" and "Delete favourites".

❒ "SMS" (4 fig. fig. 169): press this graphic button to receive and send text messages (if supported by the device). The car must be stationary to read the messages. The listening function and the sending of default messages which can be customised by the driver is always possible. If an unread message is present, it is indicated by a dot next to the "SMS" graphic button (a maximum of 99 unread text messages can be present).

❒ "Contacts" (5 fig. fig. 169): press this graphic button on the display to show the list of all contacts registered on the phone. When you select a contact, the phone number and the photo (if any) linked to the contact appear on the right of the display.

NAVIGATION MODE

(where provided)

LEGAL/ SAFETY NOTICE

When Connect is used for the first time, after resetting the default settings and having changed the language, the system will ask you to accept a safety/legal notice, warning you about the responsibilities involved in the product use while navigating.

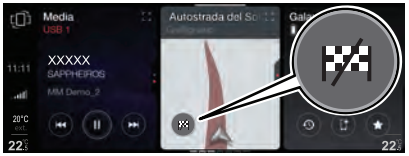
NOTE Some "NAVIGATION" mode functions can be activated in addition to using the Rotary Pad and/or the touchscreen function, also using voice controls: for more information, see the "Navigation controls" paragraph in the "Voice controls" section in this publication.

NAVIGATION ACTIVATION

The "NAVIGATION" mode widget fig. 170 appears on the main menu.

NOTE The widget is only active using the touchscreen function.

The graphic button on the widget varies depending on whether navigation has been activated or is not activated.



170 12126S2010EM

SETTING A DESTINATION

The following data are required to set a destination:

❒ "City/Post code": enter the name or ZIP code of the city of the new destination arrival point;

❒ "Address": enter the street name of the new destination;

❒ "House Number": enter the house number of the new destination;

❒ "State" (where applicable/necessary): enter the name of the state of the new destination arrival point.

❒ "Start Navigation": select the desired destination using the right side of the display. This will provide access to the route planning screen to start navigating.

NOTE The data above can be order entered in any order ("Free Text Search" function).

To set a new destination, select the graphic button (using the "touchscreen" function or by rotating the Rotary Pad): the graphic keyboard for entering the destination address will appear on the display and the list of "Destinations" will appear on the right side.

Management of voice recognition for entering navigation addresses

Pressing the button on the right side of the steering wheel to start the voice recognition session and send the necessary commands to the Connect system to enter a navigation address.

You can enter addresses in two different ways:

❒ **One-shot**: Say "Navigate to <City, Address, House Number>" after pressing the button on the right side of the steering wheel and starting the voice recognition session. The Connect system will be able to recognise the address you inserted or display a list of possible alternatives. Then follow the instructions provided by the Connect system to start route calculation.

❒ **Manual entry**: The Connect system will help you entry individual fields through a guided procedure, with the possibility of using the "City", "Address" and "House Number" voice commands. To activate this mode, press the button located on the right side of the steering wheel and starting the voice recognition session, send the first command to enter the city and continue following the instructions provided by the Connect system.

If a language change is made on the Connect system, using the dedicated menu in the "Settings" on the display, a pop-up screen will appear informing the driver of the limited availability of the voice recognition functions.

If you choose the English language on a car sold in Italy the following message will appear on the display of the Connect system: "When the vocal system is set to English you can input addresses in the United Kingdom, Ireland, Malta and Gibraltar. You can also insert all destinations manually.".

WARNING The above message is located according to the country of destination of the vehicle. Only the countries shown on this pop-up screen will be available with voice recognition functions for address and destination selection. The available countries will change according to the language type selected by the driver.

NOTE The "one-shot" address entry mode will not be available if the driver chooses a language other than the one used in the country in which the car was marketed. In this case, in order to access the voice recognition functions and enter a valid address, i.e. recognisable by the

Connect system, you will need to send to the Connect system a voice command to change country in advance (for each use of the car). For example, if you choose English language on a car sold in Italy, you will need to use the voice command "Change country" to start the address entry procedure.

STOPPING NAVIGATION

After starting the navigation, it can be stopped at any moment.

To deactivate navigation, press the graphic button

The display will show a dedicated message. Select "Confirm" to confirm the choice, or "Cancel" to cancel the operation.

If "Confirm" is selected, the display will return to the main navigation screen.

Tom Tom® ONLINE SERVICES

(where provided)

Tom Tom® "Online Services" (where provided) allow you to receive the following information and view on the Connect system display:

- "Live Traffic"/"Speed Cameras";
- "Send Destination to car";
- "Search for a point of interest (POI) online"
- "Last Mile Navigation".

NOTE Tom Tom® online services are available if Connected Services - Alfa Connect Services is activated and for the entire duration, plus any renewals, of the "My Navigation" package.

LIVE TRAFFIC / SPEED CAMERAS

(where provided)

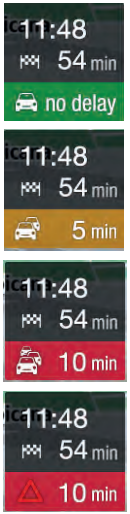
With this service you can view the relevant information on the display of the Connect system:

- traffic (conditions updated in real-time);
- the presence of speed cameras (if any).

Live Traffic

With this service, you can monitor, the traffic conditions in real-time on the display of the Connect system. The information is displayed by means of special icons with the following colours fig. 171:

- **GREEN**: Roads where the average traffic speed corresponds to the expected free flow speed;
- **YELLOW**: Roads where the average speed is below the indicated road speed limit;
- **RED**: Roads where the average speed is close to blocked traffic conditions;
- **RED + DANGER SIGN**: Roads blocked, due to the presence of construction sites, accidents, etc.



171 12126S2300EM

Speed Cameras

(where provided)

With this service, you can see on the

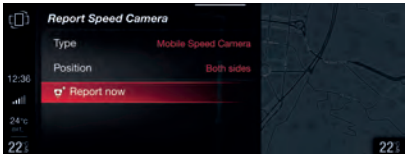
display the type (fixed or mobile) and location of the speed cameras.

The display shows a speed camera icon on the right-hand side.

If you press on the icon on the display you will see a screen with the following information about the speed cameras fig. 172:

❒ "Position" (e.g. "Both sides");

❒ "Report Now."



172 12126S2132EM

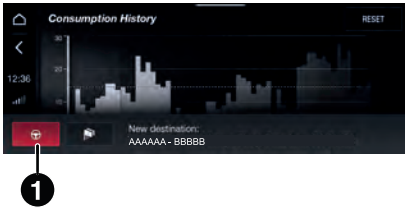
Send Destination to car

Using this service, you can navigate to a second destination sent to Connect via your smartphone.

The new destination will appear in the lower area of the display; to start navigation, press the "Start Navigation" graphic button fig. 173:

❒ **with destination NOT set**: the new destination will be displayed in the "Recent Destinations" menu;

❒ **with destination set**: the new destination will be displayed in the "Manage Route" menu. To access the new destination press the "Add New Destination" graphic button.



173 12126S2135EM

SEARCH FOR A POINT OF INTEREST (POI) ONLINE

Using this service, you can enter a destination (by entering the name, address or a POI) and a list of POIs that match your search will appear on the display.

NOTE A subscription and authorisation is needed to use this service.

LAST MILE NAVIGATION

With this service you can transfer navigation from the Connect system to your smartphone.

When navigation is active, the Connect system will transfer navigation to your smartphone as follows:

❒ **automatically** by activating the "Automatic sending Last Mile to mobile" option in the "Settings" menu;

❒ **at the driver's request** by activating the "Send Last Mile Navigation" option in the "Manage Route" menu or in the "Settings" menu;

❒ **at the driver's request** if, during navigation, you touch a point on the Map and then select the "Send Last Mile Navigation" option on the pop-up menu that appears on the display.

Transferring Navigation to your smartphone

With active navigation, proceed as follows:

❒ press the graphic button ("Manage Route"): the "Manage Route" menu will appear on the display;

❒ select the "Last Mile Navigation" item;

❒ select the "Send Now Last Mile Navigation" item: the display will show a dedicated message indicating that the navigation will be transferred to the smartphone. Then press the "OK" graphic button to confirm the selection.

NOTE The final destination will be sent to the smartphone even if the car is not in a 1 kilometre (or 1 mile) radius from the final destination.

NOTE The transfer to the smartphone will take place even if you have not enabled the "Automatic sending Last

Mile to mobile" feature in the "Settings" menu (the navigation will be transferred by selecting the "Send Last Mile Navigation" option).

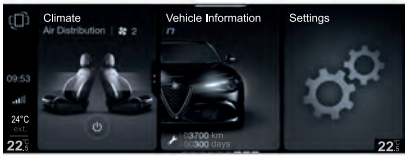
SETTINGS

ACTIVATING THE SETTINGS MENU

The "Settings" menu can be activated by using the appropriate widget on the main menu fig. 174.

The following items are available in the menu:

❒ "Lights"
❒ "Units & Language"
❒ "Clock & Date"
❒ "Passive Safety"
❒ "Convenience & Comfort"
❒ "Doors & Locks"
❒ "Cluster"
❒ "Infotainment"
❒ "System"



174 12126S2000EM

Lights

The following settings can be modified when this mode is selected:

❒ "Headlight Sensor"
❒ "Follow Me"
❒ "Cornering Lights"
❒ "Flash Lights with Lock"
❒ "Daytime Running Lights"
❒ "Courtesy Lights"
❒ "Interior Ambient Lighting"
❒ "Restore Settings"

Units & Language

The following settings can be modified when this mode is selected:

❒ "Units"
❒ "Language"
❒ "Restore Settings"

Clock and Date

The following settings can be modified when this mode is selected:

❒ "Sync with Gps Time"
❒ "Set Time"
❒ "Set Date"
❒ "Time Format"
❒ "Restore Clock and Date Settings"

Passive safety

The following settings can be modified when this mode is selected:

❒ "Passenger airbag": this is used to activate/deactivate the front passenger airbag function.

When the function is accessed: the system will detect the activation/deactivation status of the airbags and confirm change of status. Press the Rotary Pad to continue. The air bag status is visible through the LEDs next to the status icon on the dashboard.

- **Passenger protection activated**: the ON LED switches on with a steady light.
- **Passenger protection deactivated**: the OFF LED switches on with a steady light.

❒ Auto Park Brake: allows you to activate/deactivate electric parking brake engagement when the engine is stopped.

❒ “Brake Service”: used to enable ("Yes") or disable ("No") the procedure for performing maintenance on the braking system.

❒ "Seat Belt Reminder” (where provided): this is used to enable ("OK") or disable ("Cancel") the acoustic warning for the SBA (Seat Belt Alert) system (where provided).

❒ "Automatic mirror folding" (where provided): This function activates/deactivates automatic folding of the mirrors when the doors are locked/unlocked. The default setting is "Off".

❒ “Restore Settings”: allows you to delete the previously settings from this menu and restore the default settings.

Convenience & Comfort

The following settings can be modified when this mode is selected:

❒ “Passive Entry" (where provided): allows you to activate ("On") or deactivate ("Off") the automatic door closing

❒ “Restore Settings”: allows you to delete the previously settings from this menu and restore the default settings.

Doors & Locks

The following settings can be modified when this mode is selected:

❒ "Door lock in motion"

❒ "Unlock all doors on exit"

❒ "Door unlock on entry" (where provided)

❒ "Sound Horn with Remote Start" (where provided)

❒ "Sound Horn with lock" (where provided)

❒ "Auto Relock" (where provided)

❒ "Convenience & Comfort"

❒ "Restore Settings"

Cluster

The following settings can be modified when this mode is selected:

❒ "Buzzer volume"

❒ "Trip B"

❒ "Show Phone Info"

❒ "Show Audio Info"

❒ "Show Nav Info"

❒ "Digital speed on all screens"

❒ "Consumption bar"

❒ "Performance pages"

❒ "Custom areas"

❒ "Restore Settings"

Infotainment

The following settings can be modified when this mode is selected:

❒ "Screen Off"

❒ "Display brightness"

❒ "Audio"

❒ "Home Page"

❒ "Bluetooth®"

❒ "Device Manager"

❒ "Entertainment"

❒ "Phone"

❒ "Projection mode"

❒ "Navigation"

❒ "Performance Pages"

❒ "Android Auto"

❒ "Connected Services" (where provided)

❒ "Driver Assistance"

System

The following settings can be modified when this mode is selected:

❒ "Auto-On Radio"

❒ "Switch-Off Delay"

❒ "Software Update"

❒ "Map Update"

❒ "Restore All Settings"

MAP UPDATE

To ensure optimal performance, the navigation system must be updated periodically.

For this, the **Mopar® Map Care** service offers a new map update every three months.

The updates can be downloaded from the maps.mopar.eu website and installed directly on the Connect system. All updates are free of charge for 3 years from the start of the warranty on the car.

The navigation system can also be updated at the Dedicated Alfa Romeo Dealership.

NOTE The dealer may charge for updating the navigation system.

Map update procedure

Proceed as follows to update the navigation maps:

❒ start the engine;

❒ with the car stationary, insert the USB key, containing the updated maps, into one of the USB ports located on the central tunnel;

❒ select the "Update Map" option from within the "Map Update" function. The display will show a screen with the version and the duration of the whole procedure in minutes;

❒ select the "Update" function. The display will show a screen with the instructions to be followed and a request for confirmation;

❒ confirm to start the process.

During the update, the instructions to be followed will continue to be displayed together with the process progress. You can move the car during this phase.

PERFORMANCE

The "Performance pages" can be activated by using the appropriate widget on the main menu fig. 175.

The following information is shown on the main screen of the "Performance pages":

❒ “Performance content”

❒ "Technical gauges"

❒ "Consumption history"

❒ "Efficient Drive"

❒ “Torque management”

❒ "Drag Race"

Turn the Rotary Pad to select the desired item and then press the Rotary Pad to confirm the selection and access the menu or, using the touchscreen function, touch the display to select the desired item.

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VEHICLE INFORMATION

The "Vehicle Information" function can be activated by using the appropriate widget on the Main Menu fig. 176.

The main screen shows information about:

❒ Service (scheduled servicing)

❒ TPMS (Tyre Pressure Monitoring System)

❒ Engine oil level

❒ Alfa DNA™ system

To view the contents of one of the information on the display, press on the display (touchscreen function) or turn the Rotary Pad, select the desired item and then press the Rotary Pad to confirm your selection.

176 12126S0994EM

DRIVER ASSISTANCE

The Connect system main Menu contains the “Driver Assistance” widget fig. 177, within which information concerning the following drive assistance systems is shown on the display:

❒ Speed Limiter

❒ Park Sensors System

❒ Rear View Camera

Select the Menu by sliding on the widget upwards or downwards with a finger.

177 12126S0431EM

Indications on the display

Each driver assistance system is represented by a corresponding icon on the display.

The status of the function is displayed next to the icon: "On" = system activated / "Off" = system deactivated.

Settings are possible on some systems (if activated), (e.g. the speed limit value can be adjusted on the Speed Limiter function).

SYSTEM SETTINGS

After viewing the "Driver Assistance" menu in full screen mode, a list of all settings that can be made for driver assistance systems will appear on the display.

The information shown on the display is as follows:

❒ system identification icon;

❒ system name;

❒ graphic button 1 fig. 178 for activating ("On") and deactivating ("Off"") the system;

❒ indication of the function status;

❒ graphic display area of the system;

❒ default system setting (modifiable by the driver).

The following active driver assistance/safety systems will not be available if you have selected the "RACE" driving mode. In this case, a dedicated pop-up screen will appear on the Connect system display.

178 1212652034EM

SYSTEM ACTIVATION/DEACTIVATION

Using the touchscreen function

Proceed as follows:

❒ press the display to select the desired item;

❒ to activate the system, press the graphic button 1 fig. 178 rightwards: "ON" will appear on the display

❒ to deactivate the system, press the graphic button 1 fig. 178 leftwards: "OFF" will appear on the display.

Using the controls located on the central tunnel

Proceed as follows:

❒ turn the Rotary Pad and select the desired item;

❒ press on Rotary Pad to confirm the choice and activate the system: the selected item will be activated automatically. When the system is activated, press the Rotary Pad to deactivate it.

Apple CarPlay and Android Auto

(where provided)

The Apple CarPlay and Android Auto applications allow you to use your smartphone in the car safely and intuitively.

To activate them, simply connect a compatible smartphone to the USB port and the contents of the phone will automatically appear on the display of the Connect system after having selected the default action the first time you connect an Android and/or an iOS device. Use the "Device Manager" menu to change the choice previously made.

To check the compatibility of your smartphone, see the indications on the websites: https://www.android.com/intl/it_it/auto/ and http://www.apple.com/it/ios/carplay/.

The first time a device is connected, a pop-up screen appears on the Connect system display, allowing you to choose which profile to use it with during subsequent connections. The possible options are: “Charge Only”, “Media/iPod”, “Projection mode”. The options can be modified by using the "Device Manager" menu.

If your smartphone is properly connected to the car via the USB port, an additional widget and its graphic icon will be displayed on the Connect System Main Menu on the left hand side of the status bar.

To use Apple CarPlay, connect your iPhone to the car using a MFI (made for iPhone) certified USB cable.

To use Android Auto, connect your smartphone to the car using a USB for Android phones having appropriate features. Using unsuitable cables may prevent correct system operation.

NOTE Interaction with the smartphone may be needed to enable Apple Carplay/Android Auto and some other functions. Complete the action on your device (smartphone) as needed.

APP CONFIGURATION (Apple CarPlay)

Apple CarPlay is compatible with the iPhone 5 or more recent models, with the iOS 7.1 operating system or later versions.

In order to use Siri in Apple CarPlay, you must activate the function from your smartphone settings.

To use Apple CarPlay, the smartphone must be connected to the car by means of a USB cable.

APP CONFIGURATION (Android Auto)

Before use, download the Android Auto application to your smartphone from Google Play Store.

The application is compatible with Android 5.0 (Lollipop) and later versions.

To use Android Auto, the smartphone must be connected to the car by means of a USB cable.

INTERACTION

After the configuration procedure, when you connect your smartphone to the USB port on the car, after displaying the pop-up screen and according to the last setting made on the "Device Manager" menu, the application will automatically start on the Connect system.

The Rotary Pad can be used to select and confirm the available smartphone functions.

Multimedia contents on the smartphone can be accessed directly via "MEDIA" mode of Connect.

Interaction with voice controls

You can interact with the voice assistants of Apple CarPlay and Android Auto using the button located on the right side of the steering wheel:

❒ **long pressure** will activate interaction with the voice assistant of Apple (Siri) or Android (Google Assistant);

❒ **short pressure** will initiate interaction with the native voice system. When the voice assistant of the phone is activated, the interface will but that of the associated telephone not that of the car. A short press will interrupt both the native voice session and that of Siri or Google Assistant.

WARNING If Apple CarPlay and Android Auto apps are present, Siri voice assistant (for Apple CarPlay) or Google Assistant (for Android Auto) will be activated. In this case you can use "Natural language" voice controls and not just the specific ones preset for the Connect system. The voice assistants of Siri (for Apple CarPlay) or Google Assistant (for Android Auto) will only be activated by holding the button pressed on the right side of the steering wheel.

Active Media or Phone mode

The following will be activated according to how you press the button on the right side of the steering wheel:

❒ a **short** press of the button will activate the voice control related to the Connect system;

❒ **holding** the button pressed to activate the voice control for the phone in "Projection" mode.

Active Tuner (Radio) or Navigation mode

Briefly pressing the button on the right side of the steering wheel on the Connect system display to activates the voice control for "Tuner (Radio)" or "Navigation" mode, also when Apple CarPlay or Android Auto apps are activated.

NAVIGATION

With the Apple CarPlay and Android Auto applications, you can choose to use the navigation system on your smartphone.

The controls can be imparted directly on the Connect system.

The user can choose to change their selection at any time by accessing the navigation system that they want to use and setting a new destination.

EXITING FROM THE Apple CarPlay AND Android Auto APPS

To end the Apple CarPlay or Android Auto session, physically disconnect the smartphone from the USB port on the car.

VOICE COMMANDS

160)

WARNING Voice commands are not available for languages not supported by the system.

NOTE Voice controls activation is only possible with the ignition device at ON. Voice controls will not be active when the starter is in the OFF position and the Connect system is on.

NOTE If Apple CarPlay and Android Auto apps are present, Siri voice assistant (for Apple CarPlay) or Google Assistant (for Android Auto) will be activated. In this case you can use "Natural language" voice controls and not just the specific ones preset for the Connect system. The voice assistants of Siri (for Apple CarPlay) or Google Assistant (for Android Auto) will only be activated by holding the button pressed on the right side of the steering wheel.

STARTING A VOICE SESSION

Briefly press the button on the steering wheel once.

INTERRUPTING A VOICE SESSION

At any time during a voice session (dialogue), you can press and hold the button to stop and restart the voice session from scratch and impart a new command, regardless of the previous conversation.

For example, if the system is uttering a voice help message and recognises the desired command, it may be useful to stop the help by pressing the button on the steering wheel and give the command, so you don't have to wait for the help messages to end.

DEACTIVATING A VOICE SESSION

With the voice session active, **briefly press** the button on steering wheel.

The voice session will automatically close when a command has been recognised and no further actions are required by the driver.

A phone call will also interrupt the voice session, in order to allow you to answer and speak normally using the hands-free function.

RADIO AM/FM/DAB VOICE CONTROLS

The button activates the following functions:

- ❒ Tune to station <XXX>
- ❒ Tune to station < XXX>
- ❒ Tune to frequency < XXX>
- ❒ Tune to frequency < XXX>
- ❒ Add to favourites
- ❒ Show available stations
- ❒ Show list of available stations
- ❒ Show Favourite Stations
- ❒ Show the list of favourites stations

❒ FM
❒ AM
❒ DAB
❒ Tuner Commands ("Go to radio")

MEDIA VOICE COMMANDS

The button activates the following functions:

❒ Play (or say View) Album
❒ Play (or say View) Artist
❒ Play (or say View) Composer
❒ Play (or say View) Genre
❒ Play (or say View) Playlists
❒ Play (or say View) Song
❒ Play (or say View) All
❒ Shuffle on
❒ Shuffle off
❒ Play Song (or Track)
❒ Play All (or say View All) Albums
❒ Play All (or say View All) Artists
❒ Play All (or say View All) Composers
❒ Play All (or say View All) Genres
❒ Play All (or say View All) Playlists
❒ Change to AUX
❒ Pass to USB 1
❒ Pass to USB 2
❒ Pass to USB 3
❒ Change to AUX
❒ Change Bluetooth®

NOTE These controls are valid on devices connected to the system via USB ports and not through the **Bluetooth®** system.

PHONE VOICE COMMANDS

The button activates the following functions:

❒ Dial number <XXXXXX>
❒ Call <XXXXXX>
❒ Go (or say Change to phone)
❒ Phone commands
❒ Search contact
❒ Search
❒ Call back
❒ Show missed calls
❒ All Calls
❒ Show contacts
❒ View contacts
❒ Show all messages
❒ Send a message
❒ Send a message to
❒ Read last (or say Read the last) message

NAVIGATION COMMANDS

(where provided)

The button activates the following functions:

❒ Go (or say Drive) Home
❒ Favourite <favourite name>
❒ Navigation commands
❒ Go (or say Change) to Navigation
❒ Set 2D map
❒ Set detailed 3D map
❒ Set overhead view
❒ Add destination
❒ Destination
❒ Stop Navigation
❒ Repeat instructions
❒ Show map
❒ Enter city
❒ Enter nation
❒ Enter country
❒ Enter street
❒ Enter house number
❒ Route preview
❒ Find the closest <point of interest>

NOTE Voice entry of addresses is only supported in the country in which you are located and provided that the system language matches the local language. For example, if the car is located in Italy, it will be possible to enter Italian addresses only if the system language is set to "Italian".

WARNING

160) *Voice controls must always be given in safe driving conditions, in compliance with the laws in force in the country where you are driving.*

CONNECTED SERVICES - ALFA CONNECT SERVICES

(for versions/markets where provided)

⚠ 161)

Alfa Connected Services enrich the experience of use of the car by connecting it to the network.

The services (where provided) allow you to receive timely assistance in case of need and emergency, to obtain information about the conditions of your vehicle, its location, control it remotely and to improve the navigation experience (where provided) through real-time updates.

You can access the Alfa Connect Services using a Alfa Connect mobile app for smartphone, smart watch, web portal or the Connect system of your car.

The availability of services is subject to a Alfa Connect Services subscription.

More information on Alfa Connect Services (applicability, availability, compatibility, packages and specifications) can be found on the website: https://myalfaconnect.alfaromeo.com/

GENERAL DISCLAIMER

Personal data & customization

❒ FCA collects, processes and uses the personal data of the car in accordance with legal requirements. More information can be found in the general conditions of service and on data protection policies on the Alfa Romeo official website.

❒ The Customer is solely responsible for using the services in the vehicle, even if by other people, and shall inform all users and occupants of the car about the services and the operations and limits of the system.

❒ **If the SOS emergency service is activated, the call will be automatically routed to a private FCA Call Centre. We hereby specify that, whenever the SOS call is referred to the text, it is to be considered managed by private service providers**.

Operating prerequisites

❒ To use some of the Alfa Connect Services you need to register on the dedicated portal that can be accessed from the Alfa Romeo official website, activate and login to your devices.

❒ Alfa Connect Services is not available in all countries and is subject to limitations depending on Connect system type, location and duration of the services.

❒ The full operation of the Alfa Connect Services, including SOS calls and roadside assistance calls (ASSIST), is subject to mobile network and GPS geolocation coverage, without which the proper provision of services is not guaranteed. Coverage may not be guaranteed in places such as tunnels, garages, multi-story parking garages, mountains.

❒ The services may be unavailable in the event of mobile network overload or problems related to the car power source (e.g. low battery).

❒ When using the services, customers shall keep their passwords secret for strictly personal use and not disclose them to third parties.

SERVICES

WARNING Some of the services listed below may not be available if the car is left with the motor off for more than 20 days. Start the motor to reactivate these services.

According on the equipment of the car and of the country, different services may be available for different durations. For further information about your car, go to the personal page on the official Alfa Romeo website.

Some of the packages made available to the customer are:

❒ **My Assistant**: Customer assistance and safety warning service, which includes:

- "SOS emergency call and ASSIST roadside assistance" (see chapter "In emergency").

- "Vehicle condition report": information on the status and condition of the car, notifying potential maintenance needs to the customer via periodic e-mails. This service is provided on condition that the Customer has previously provided the FCA network with a valid e-mail address.
- "In-Vehicle Alerts (Basic)": to receive messages and/or alerts regarding recall campaigns or other important messages on the Connect system display. You can contact FCA Customer Service for further information regarding the messages received.

❒ **My Car**: vehicle status monitoring service.

- "Driving Warnings": to set alerts when user-defined parameters such as speed, time and area are exceeded, as well as the Valet Mode feature.
- "At-Home Digital Assistant": to run the main remote commands from a voice assistant as well as mobile apps and smartwatches.

❒ **My Remote**: this can be used to manage remote operations (switching on lights, door lock/unlock, find vehicle, etc.) from the mobile app and through compatible voice assistants. It also allows you to set up Driving Warnings with notifications, for example, when you exceed the set area or time.

❒ **My Navigation**: connected navigation service (subject to availability according to version/market).

❒ **My Wi-Fi**: Optional Wi-Fi Hotspot service. This service provides Internet access from the car to all devices with Wi-Fi connection (smartphones, tablets, laptops) (supported technologies: 3G – 4G). This creates a private Wi-Fi internet access point in the car. The function, available only with the ignition device in ON position or with the engine started allows the connection of up to eight devices simultaneously, but not the direct communication between devices. The quality of the service offered by the integrated Wi-Fi Hotspot depends on the coverage of the mobile operator's network.

NOTE The hotspot name and password can only be changed with the starter in the ON position.

❒ **My Theft Assistance:** optional service with app and web notifications in case of suspected theft attempts and assistance in case of theft.

You can enrich Alfa Connect Services experience by purchasing optional services for which a subscription is required.

The services can be subscribed to independently by the customer from the catalogue of services available for the car, directly on the https://myalfaconnect.alfaromeo.com/ website.

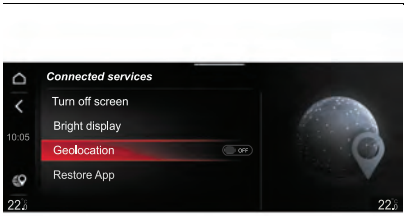
DEACTIVATION OF GEOLOCATION MODE

(for versions/markets where provided)

If you wish to deactivate geolocation mode, simply do so from the Connect system fig. 179 (see the "Settings" menu of the Connect system for more details).

When geolocation mode is deactivated some of the services on mobile apps and web that use the location of the car will not be available.

WARNING The icon is shown at the bottom left of the Connect system display when the geolocation function is active (ON). When geolocation is on, the vehicle position is tracked to enable the functions that require it. When geolocation is off, the vehicle position is only tracked by the navigation, safety, insurance and driver assistance systems (where provided). See the Connect system "Settings" chapter to deactivate the function.



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UPDATING THE SYSTEM

Alfa Connect Services and the Connect system application software are updated remotely in order to provide the customer with newer software versions that include new features or enhancements/enrichments of features already offered.

Updates are made at the discretion of FCA.

Some system updates will be managed automatically, others will be communicated to the Customer through messages on the Connect system display, allowing the customer to confirm or postpone the update.

The customer will be notified by the Connect system if the system is unavailable.

To obtain more information about services, features, specifications, availability and any updates please always refer to the content included in the official website of Alfa Romeo.

"AOTA" ("Updates On The Air") FUNCTION

(where provided)

This feature allows you to manually update the Connected Services - Alfa Connect Services present in the vehicle.

If a Connected Services - Alfa Connect Services update is available, it will only be started when the ignition device is set to AVV.

If the ignition device is turned to STOP during the Connected Services - Alfa Connect Services update phase, the update will continue until this phase. The update will be completed the next time the ignition device is set to AVV.

When update availability messages appear on the Connect system display:

❒ **if you do not accept** the suggestion to update **and the update is mandatory**, the message will continue to appear on the display the next time the Connect system is turned on;

❒ **if you do not accept** the update suggestion **and the update is not mandatory**, you can access the feature and see feedback on the Connect system display of the available update. Click on the graphic button on the display to continue the update.

IN-VEHICLE MESSAGING

(where provided)

This feature allows you to view pop-up messages on the Connect system display about:

❒ "Urgent Safety Recall";

❒ "Service Notification" ("Service Oil Soon" / "Low tyre pressure");

❒ "Subscription Expiring."

NOTE The pop-up messages can only be displayed when the ignition device is in the ON or AVV position. The messages will remain on the display for about 15 seconds: they will disappear when the car starts to move.

Display of messages

Proceed as follows to display the messages:

❒ press the "Connected Services" widget shown on the display;

❒ select "In-Vehicle Messaging";

❒ a dedicated screen will appear on the display after selecting the desired item:

- press the "ASSIST" graphic button to activate a Roadside Assistance - ASSIST call, the message shown on the display will be marked as "read" and stored by the Connect system (for countries where the service is provided);
- press the "Delete" graphic button, a message will appear on

the display to delete the message; select "Yes" if you want to delete the message or "No" if you do not want to delete it.

IN-VEHICLE ACTIVATION

(Connected Services – Alfa Connect Services activation)
(where provided)

This feature allows the driver to manually activate the Connected Services - Alfa Connect Services.

NOTE A manual "SOS Call" or a "Roadside Assistance Call - ASSIST" always has priority over the "In-Vehicle Activation" functions.

Manual function activation

Depending on the country in which the car is sold, the "Activate Services" function may be activated:

❒ by pressing the Connected Services widget;

❒ by selecting the "Activate Services" item shown on the display. This item will be shown on the display when the car is purchased only after receiving all the credentials from the Dealer (basic services will be active at the end of the production process). The "SOS Call" and "ASSIST Call" will be active when the process is complete.

In both cases, a screen with the following options will appear on the display after the operations described above:

❒ "Activate Now" (default option);

❒ "Learn More";

❒ "Postpone"

Entering your personal data

After pressing the "Activate Now" graphic button, the "Enter your data" screen will appear on the display fig. 180, in which the following options will appear:

❒ "First Name";

❒ "Last Name";

❒ "E-mail Address";

❒ "Confirm".

Fill in your name, surname and e-mail address.

NOTE The "Confirm" graphic button will only be active after you have entered a valid e-mail address.

180 12126S2119EM

On the screen there is also the graphic button 1 fig. 180. Pressing it to be put in contact with an operator who will help you complete the registration procedure.

Successful activation

If the activation is successful, you will receive a link (sent by the dealer) to click on at their e-mail address.

If the activation phase was not completed, a screen on which you can make two different choices will appear on the display:

❒ complete the activation procedure by clicking on the link;

or

❒ activate using another account.

The "OK" and "CREATE NEW" graphic buttons will appear on the display:

❒ press the "OK" graphic button to end the activation procedure;

❒ press the "CREATE NEW" graphic button on the display to open a screen in which you can enter your personal data to receive the new link from the dealer.

DEACTIVATION OF ALFA CONNECT SERVICES

If you sell your car on which the Alfa Connect Services are still active, you will be responsible for logging off your profile from the services on the page on the official Alfa Romeo website, by contacting the Customer Care or

by going to a Dedicated Alfa Romeo dealership.

The customer is also responsible for informing the new owner of any services not yet expired associated with a new Alfa Connect Services account.

WARNING

161) *Always follow the highway code of the country in which you are driving, and concentrate on the road. Always drive safely with your hands on the steering wheel. Only use Connect system functions when you are sure that it is safe to do so. The customer is liable for all risks associated with using the functions and applications of the car. Failure to follow these rules may cause serious accidents and/or death.*

WIRELESS CHARGING SYSTEM– WCPM (Wireless Charge Pad Module)

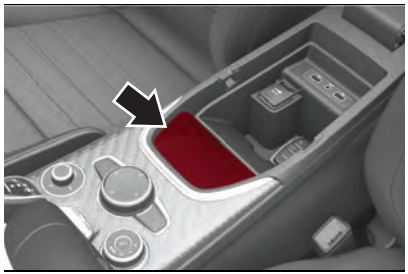
(where provided)

OPERATION

The wireless charger system is activated automatically when a mobile phone Qi® standard compatible is placed in the appropriate housing, fig. 181, if the mobile phone is compatible with Qi® standard.

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

The wireless charger system enables charging when all doors are closed properly and the engine has been started.



181 11116S0995EM

Interacting with the wireless charging system, positioning the mobile phone in the appropriate housing, the following messages are shown on the Connect system display (with specific icons and widgets), to inform the driver about the wireless charging system status:

❒ "Your phone is being charged", fig. 182 and fig. 183: is displayed when the mobile phone is positioned correctly in the wireless charging compartment and the system is activated correctly;

❒ "Phone fully charged", fig. 184: is displayed when the phone has completed charging its battery;

❒ "Object not allowed", fig. 185: is displayed when a phone that is not enabled for wireless charging or an object that is not permitted (e.g. the ignition key) is placed;

❒ "Unavailable system", fig. 185: appears when there is a malfunction in the wireless charger system.

The driver can deactivate the display of messages relating to the operating status of the wireless charging system the relevant Connect system menu.

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183 12126S2088EM

184 12126S2086EM

185 12126S2087EM

OFFICIAL TYPE APPROVALS

eLUM

Radio equipment

All radio equipment supplied with the vehicle complies with the 2014/53/EU directive.

For more information go to www.mopar.eu/owner or http://aftersales.fiat.com/elum/

Radio frequency devices

All radio frequency devices comply with the regulations in force in the countries in which they are sold.

For more information go to www.mopar.eu/owner or http://aftersales.fiat.com/elum/

Connect system.

The Connect system installed on the car complies with Directive 2014/53/EU, UA.RED.TR and the French SAR Decree Law of 15/11/2019.

Blank page

This chapter provides the correct precautions to be followed if you drive your car on a race track.

WARNING Two people are allowed on board (including the driver) in normal driving conditions on the race track, but the driver must be alone when driving at maximum performance. In any case, there must be nothing in the boot (the load compartment must be empty). There must be no objects inside the passenger compartment and behind the front seats (the holders provided must only be used for helmets when not being worn).

TRACK USE

SEATS

SABELT CARBONSHELL SPORT FRONT SEATS

(GTAm versions only)

The car is fitted with Sabelt Carbonshell Sport front seats with integral head restraint, fig. 186

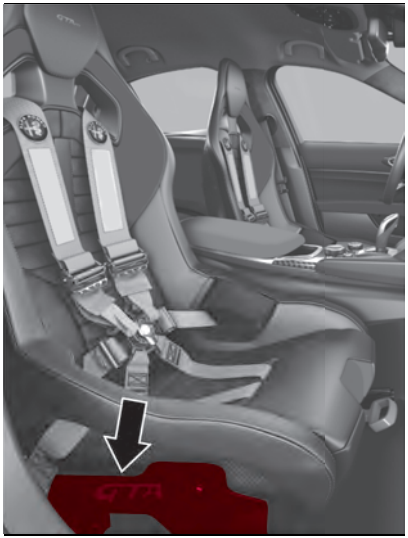
186 04306S0063EM

Seat adjustments for track driving

The backrest height and angle are mechanically adjusted using the front holes (1)fig. 187 and the rear holes (2) on the bracket at the base of the front seats, fig. 188. This operation must only be performed by a Dedicated Alfa Romeo Dealership.

NOTE If further adjustments are required after purchase of the car, contact the Dedicated Alfa Romeo Dealership.

187 04156S0063EM



188 04156S0078EM

INTERIOR FITTINGS

SEAT BEKT RETAINER FRAME

(GTAm versions)

On GTAm versions, a frame, fig. 189, is mounted behind the front seats for anchorage of 6-point harnesses (only homologated for track use) fig. 190.

189 04306S0055EM

190 04306S0065EM

ON-BOARD KIT

Located in the boot, this contains the following equipment:

❒ a fire extinguisher;

❒ helmet nets.

AERODYNAMICS

ACTIVE AERODYNAMICS - MOBILE FRONT SPLITTER

The device, fig. 191, which is automatically managed according to the speed of the car, provides greater stability at high speeds, increasing the aerodynamic load on the front.

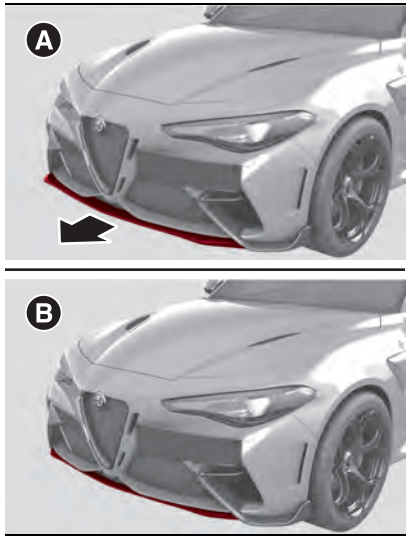
An electromechanical system operates the descent of the mobile front splitter at high speeds.

The system does not work at temperatures close to or below 0°C.

The splitter can also be manually adjusted to two different positions:

❒ **most external** ("extended") position (A) fig. 191. This position further increases the aerodynamic load on the front.

❒ **most internal** ("retracted") position (B) fig. 191.



191 04296S0008EM

WARNING The most external ("extended") position of the splitter is allowed only and exclusively for use on the race track.

For adjustments, refer to the procedure described below.

NOTE In case of a failure of the mobile front splitter, the generic failure icon along with a dedicated message which identifies the type of malfunction, is shown on the instrument panel display.

Manual adjustment of the mobile front splitter

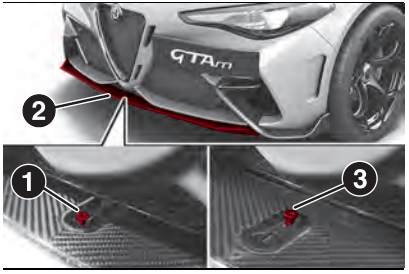
To adjust, proceed as follows:

❒ undo the three screws in the top of the splitter (1) fig. 192 and remove them completely;

❒ take hold of the mobile part of the splitter (2) fig. 192 con with both hands, gripping the right and left ends of the component;

❒ extract the mobile part to position (3) shown in fig. 192;

❒ screw down the three screws in the new position (3) to a torque of 7 Nm.



192 042965O018EM

MONSTER REAR WING

(GTAm versions)

This device fig. 193 increases the car's stability at high speeds by boosting the aerodynamic load at the rear.

For adjustments, refer to the procedure described below.

193 043065O056EM

The wing can be manually adjusted to four different positions fig. 194:

❒ **STREET** (A) (only position allowed for road use);

❒ **LD**(B), low drag and minimum aerodynamic load configuration;

❒ **MD**(C), medium aerodynamic drag and medium aerodynamic load configuration;

❒ **HD**(D), configuration with high aerodynamic resistance and maximum aerodynamic load.

WARNING The LD, MD and HD positions of the rear wing are allowed exclusively for use on the racing track.

194 043065O067EM

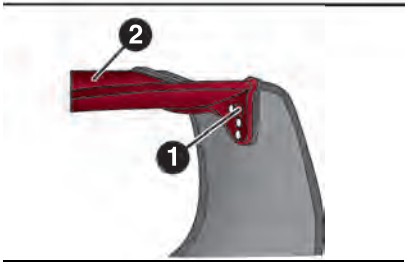
Manual adjustment of rear wing

To adjust, proceed as follows:

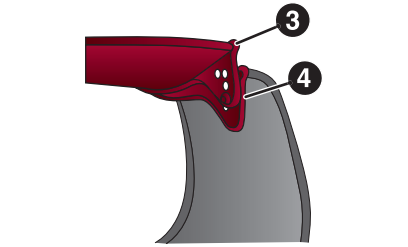
❒ undo the screws (1) fig. 195 at the two ends of the rear wing and completely remove them, holding the mobile part (2) fig. 195 to stop it falling;

❒ move the rear wing to the position required, taking care to align the hole in the mobile plate (3) fig. 196 with the corresponding hole in the fixed plate (4) fig. 196 ;

❒ screw down the two screws to a torque of 7 Nm.



195 04296S0020EM



196 04296S0021EM

THE CAR'S AERODYNAMIC PERFORMANCES

The front splitter and/or rear wing settings affect the car's aerodynamic performances.

Below we show three possible aerodynamic configurations for the car:

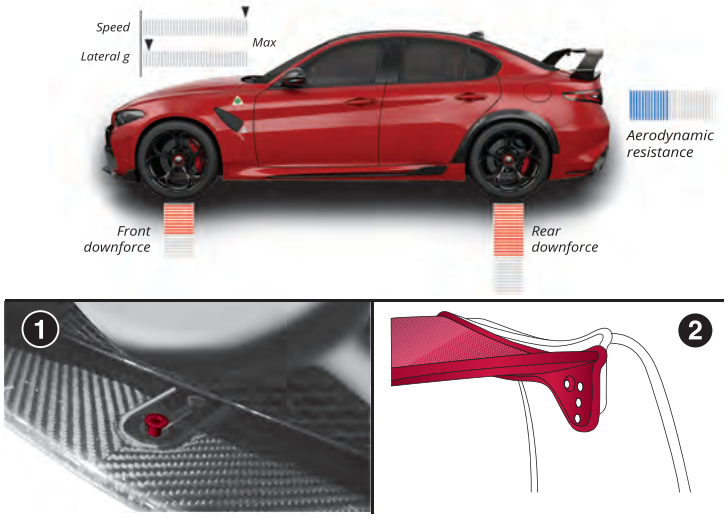
- ❒ **low** aerodynamic load (A)
- ❒ **medium** aerodynamic load (B)
- ❒ **high** aerodynamic load (C)

which can be obtained by adjusting the position of the front splitter and rear wing.

For each configuration, the pages which follow show the required positions of the mobile aerodynamic appendages, the entity of the vertical load (downforce) acting on the car's front and rear axles, and the amount of drag.

WARNING The medium aerodynamic load configuration (B) is the only one permitted for on-road use.

(A) LOW AERODYNAMIC LOAD CONFIGURATION



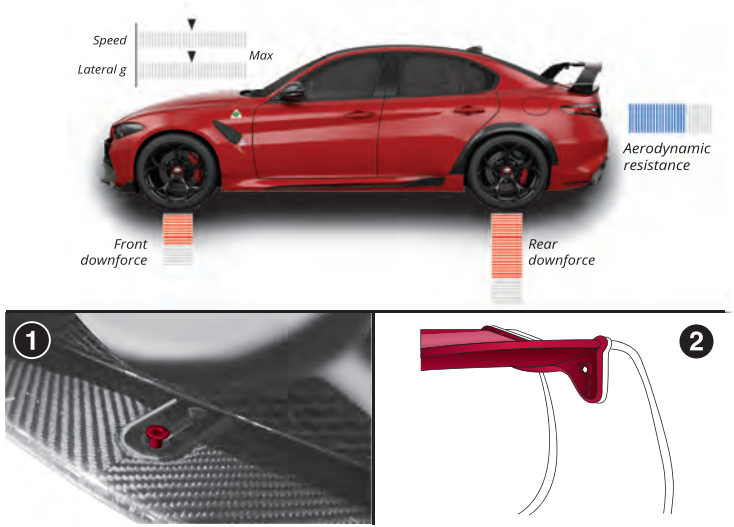
197

1019650043EM

Description

❒ *Front splitter position* (1): RETRACTED
❒ *Rear wing position* (2): LD

(B) MEDIUM AERODYNAMIC LOAD CONFIGURATION



198

10196S0044EM

Description

❒ *Front splitter position* (1): RETRACTED
❒ *Rear wing position* (2): STREET

(C) HIGH AERODYNAMIC LOAD CONFIGURATION

199

1019650045EM

Description

❒ *Front splitter position* (1): EXTENDED
❒ *Rear wing position* (2): HD

SEAT BELTS

6-POINT HARNESSES

162)

The car also comes complete with a 6-point harness kit, fig. 200.

NOTE When fitting the 6-point harness kit supplied for use on a track only, comply strictly with the installation instructions provided in the harness kit.

200 04306S0063EM

WARNING 6-point harnesses are only approved for use of the car on the track.

WARNING Always fasten the seat belts or harnesses before setting off.

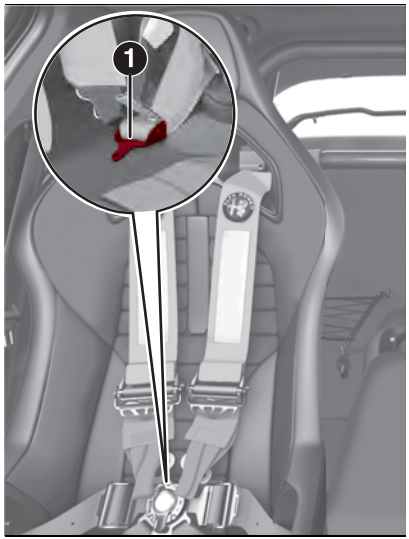
USING 6-POINT HARNESSES

Put on the seat belt with your back straight and resting against the backrest.

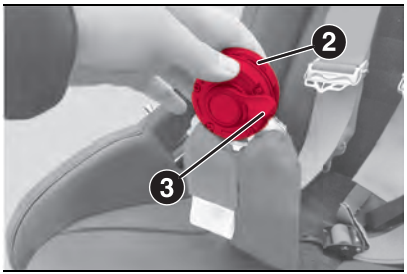
To fasten 6-point harnesses, take hold of the connection tabs (1) fig. 201 and insert them into the seats provided (2) in the rotating buckle, until you hear them lock in place.

Once fastened, adjust the lengths of all sections of the harness so that they fit your body closely.

To undo the harness, press the button (3) fig. 202 and remove the tabs from the rotating buckle.



201 06056S0011EM

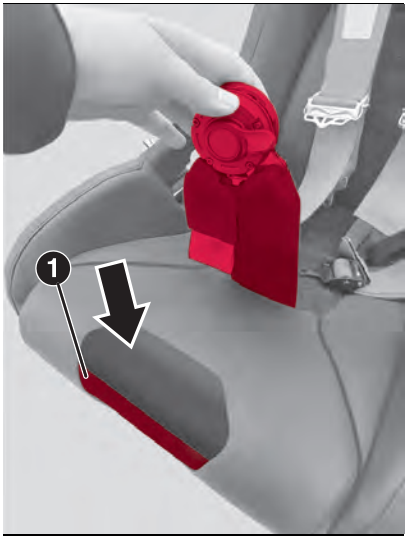


202 06056S0031EM

Stowing the rotating buckles

When not in use, place the rotating buckles of the harnesses underneath the

elastic bands (1) fig. 203 and fig. 204 in the front of the seats.



203 10106S0079EM

204 10106S0080EM

NOTE Do not leave the rotating buckles on top of the elastic band, fig. 205

205 10106S0081EM

WARNING

162) *The use of 6-point harnesses is not compatible with on-road use of the car. They may only be used on tracks or circuits not open to traffic. For on-road use, only utilise the standard 3-point seat belts.*

PRE-TENSIONERS

WARNING The pretensioners do not act on the 6-point harnesses of the GTAm version (these harnesses are supplied as kits and are only for use on race tracks).

LOAD LIMITERS

WARNING load limiters do not act on the 6-point harnesses of the GTAm version (these harnesses are supplied as kits and are only for use on race tracks).

DRIVING TIPS

DRIVING ON RACE TRACKS

Before driving on a track using a racing style, it is necessary to:

❒ attend a race track driving course;

❒ check the liquid levels in the engine compartment. For more information, see the "Checking levels" paragraph in the "Maintenance and care" chapter;

❒ have the car inspected at a Dedicated Alfa Romeo Dealership.

Remember that the car was not designed to be driven exclusive on the race track and that this use increases stress and component wear.

WARNING **Two people are allowed on board (including the driver) in normal driving conditions on the race track, but the driver must be alone when driving at maximum performance. In any case, there must be nothing in the boot (the load compartment must be empty). There must be no objects inside the passenger compartment and behind the front seats (the holders provided must only be used for helmets when not being worn)**.

SERVICING PROCEDURES

MAINTENANCE IN CASE OF TRACK DRIVING

This paragraph describes the maintenance procedures required if the car is used for race-track driving.

Before using the car on a track

❒ Always check whether the brake pads and carbon ceramic disc brakes are worn before each track session (a dedicated message appears on the instrument panel/Connect system if the brake discs and pads are work and need replacement) and inspect the brake pipes for damage whenever the brake pads are changed.

❒ Contact a Dedicated Alfa Romeo Dealership to have the car inspected. **Do not use the car for track driving during the running-in period**.

❒ In case of track driving, the brake fluid must be changed more often than stated in the Service Schedule. The brake fluid must also have been changed within the previous 12 months.

❒ Before track driving sessions, "bed in" the entire braking system (front and rear) through running-in braking.

After using the car on a track

❒ Change the engine oil and filter in the 24 hours after track driving.

❒ If the car is used for track driving often, you are advised to have the carbon ceramic disc brakes (CCB) inspected by a Dedicated Alfa Romeo Dealership.

❒ To keep the braking system in perfect working order, whenever the pads of the carbon ceramic disc brakes (CCB) are changed, also bleed brake fluid from every caliper to check that it is clear. Then top up (see the information provided in the "Checking the levels" paragraph in the "Maintenance and care" chapter). You are advised to contact a Dedicated Alfa Romeo Dealership for this procedure.

RIMS AND WHEELS

TYRE WARM-UP PROCEDURE FOR TRACK DRIVING

To warm up the tyres, proceed as follows:

❒ with the tyres cold, inflate the 265/30 ZR20 front tyres to the nominal pressure of 33.3 psi (2.3 bar) and the 285/30 ZR20 rear tyres to the nominal pressure of 30.4 psi (2.1 bar).

❒ drive 3.7 miles (6 km) on the track at cruising speed of 62 mph - 93 mph (100 km/h - 150 km/h), zig-zagging slowly;

❒ drive 3.7 km (6 km) on the track at high speed of 93 mph (150 km/h) (the slow zig-zags are optional in this case and are not necessary in hot summer weather);

❒ check the temperature of the tyres: it must be between 122°F (50°C) and 176°F (80°C). If the temperature is higher, the tyre warm-up procedure has not been performed correctly (overheating) and the car will not perform at its best.

SINGLE TRACK DRIVING SESSION (Handling after warm-up - entry to circuit)

Proceed as follows:

❒ set the tyre pressures at the nominal values; 33.3 psi (2.3 bar) for 265/30 ZR20 front tyres and 30.4 psi (2.1 bar) for 285/30 ZR20 rear tyres;

❒ do 2 laps of the track at top speed (normally the first or second lap is the best lap) and then 1 lap of the track at a lower speed.

END OF THE TRACK DRIVING SESSION

At the end of the track driving session, proceed as follows:

❒ check the tyres for damage and wear;

❒ with the tyres cold, inflate the 265/30 ZR20 front tyres to the nominal pressure of 33.3 psi (2.3 bar) and the 285/30 ZR20 rear tyres to the nominal pressure of 30.4 psi (2.1 bar).

TYRE TEMPERATURE

When measuring tyre temperature, bear in mind that:

❒ **over 230°F (110°C)** the tread must be inspected: risk of loss of pieces of rubber, surface bubbles, large cracks;

❒ **over 257°F (125°C)** suspend the tyre warm-up procedure and change the tyres.

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Is the fully synthetic lubricant created for the most modern petrol engines. Its special viscosity grade and its specific formulation enhance the fuel economy features and, consequently the reduction of CO2 emissions. Especially created for TwinAir two-cylinder engines, it ensures maximum engine protection even under high mechanical stress due to mainly city use.

SELENIA MULTIPOWER C3
Is a high performance synthetic lubricant designed for petrol and diesel engines requiring products able to reduce ash deposits to the absolute minimum. It provides increased protection against wear and tear and has excellent fuel economy characteristics. It protects the particle filter (DPF) in diesel engines.

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