



Tonale

AUSTRALIA VERSION

To obtain peak engine condition and to ensure maximum performance of all of its components,
It is necessary to observe the instructions for vehicle use and vehicle maintenance described in this booklet.

Stellantis Australia recommends that customers have all maintenance and, where necessary, repairs, carried out at an authorised Alfa Romeo repairer. Please see website www.alfaromeo.com.au/dealers for a list of authorised Alfa Romeo repairers in your region (*).

Authorised Alfa Romeo repairers use highly qualified technical staff and ensure that only appropriate equipment and tools are used on your vehicle.

Failure to carry out maintenance at the recommended intervals can result in deterioration of your vehicle.

Components have been fitted in accordance with the relevant Australian Design Rules for your vehicle.

This supplement contains information regarding the correct use and care of these vehicle components.

For any topic not specifically dealt with in this supplement, refer to the main Owner's Handbook which should be read thoroughly to ensure that the vehicle is used correctly and safely.

(*) Not all authorised Alfa Romeo dealers will also be authorised Alfa Romeo repairers. Please contact your dealer for more information.

THE KEYS



WARNING



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.

CHILD RESTRAINTS

The recommendation of the ISO child (restraints) seats to be used with the vehicle in the main Owner Handbook complies with AS/NZS 1754-2013.

CHILD RESTRAINT INSTALLATION

Your vehicle has been designed to accommodate child restraints on the rearmost seats.

When using a child restraint, read the Installation Instructions supplied with the child restraint and follow the directions for fitment carefully.

Fasten the upper belt (that is supplied together with the child seat) to the special mountings fig. 1 located behind the seat headrest.



fig. 1

INSTALLATION OF THE ATTACHING CLIP

Correct engagement of the child restraint attaching clip 1 fig. 2 is achieved by depressing the retainer spring 2 and then passing through the opening of the anchor fitting 3 as shown in the illustration.

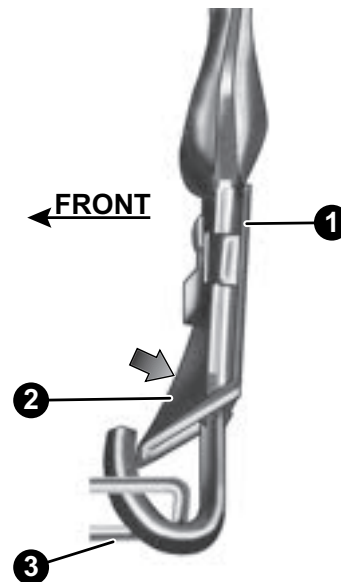


fig. 2



WARNING

When installing a child restraint ensure that the head restraint is raised and the tether strap (where relevant) is placed directly underneath the head restraint and on the upper back portion of the seat. Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) – AIRBAG

FRONT AIRBAGS

Passenger side front airbag

On this vehicle model it is not possible to disable the passenger front Airbag.

Passenger side front airbag and child restraint systems



WARNING

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.

A



B



fig. 3

ADA (Active Driving Assist) SYSTEM

(where provided)

IMPORTANT The system may not be available on all road types.

The capability of the ADA system, according to the type of route, may be reduced because of the shape of some roads, even if they are classified as motorways.

INTERIOR

SEAT BELT MAINTENANCE

Do not bleach, dye or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. If the belts need cleaning, use a mild soap solution or lukewarm water. Do not remove the belts from the vehicle to wash them. Dry with a soft cloth.

TYRES

In the label fig. 4 shows the type of tyre adopted and the required inflation pressure. Refer to the “Technical data” chapter for further information.



fig. 4

CHANGING A WHEEL

JACKING INSTRUCTIONS

- (i) The jack should be used on level firm ground wherever possible.
- (ii) It is recommended that the wheels of the vehicle be chocked, and that no person should remain in a vehicle that is being jacked .
- (iii) No person should place any portion of their body under a vehicle that is supported by a jack.

FUEL TYPE

The engine in this vehicle is designed to use only unleaded fuel with an octane rating of 95 RON. For the type of fuel to use and for information regarding what to do if your car is accidentally filled with other types of fuel see the main owner’s manual. Use unleaded fuel only.

TECHNICAL DATA

TOWABLE WEIGHTS (kg/lb)

Versions	GVW	A	B	C	D
1.5 160CV Mild Hybrid	2135/4706	1500/3306	700/1543	75/165	50/110

A = TOWABLE WEIGHT (including SAE tow hitch, where provided)

B = UNBRAKED TRAILER

C = LOAD ON TOW HOOK

D = LOAD ON ROOF (versions with roof rack bars)

GVW = Maximum authorised weight of car fully laden

NOTE

FIAT



Jeep®



**PLUG-IN HYBRID / ELECTRIC VERSION
AUSTRALIA / NEW ZEALAND**

The content of this supplement integrates the Owner Handbook for the Plug-In Hybrid and Full Electric versions.

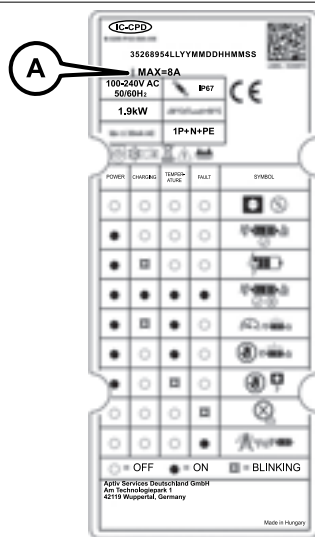
For anything not included, refer to the Owner Handbook.

CHARGING

CHARGING PORT ON THE CAR



WARNING Use only the charging cable supplied with your car or a replacement cable recommended by FCA; refer to the label on the control unit, which indicates the electrical current strength (Ampere) (A), fig. 1, and the "Mode 2 Cable Variants" table in the "Power sources that can be used" chapter.



1

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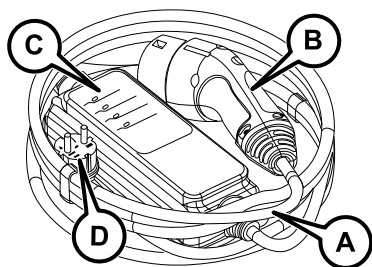
IMPORTANT

1) The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be varied from the **Uconnect™** system display in Jeep/FIAT/ABARTH cars or the **Alfa Connect** system display in Alfa Romeo cars (see the description in the "Settings" paragraph of the **Uconnect™** online supplement for Jeep/FIAT/ABARTH cars or **Alfa Connect** online supplement for Alfa Romeo cars). The default charge level set is "Level 3". For the list of cable types, refer to the "Mode 2 cable variant table".

POWER SOURCES THAT CAN BE USED

“MODE 2” CHARGING CABLE

The car is equipped with a 100–240 Volt AC (A) “Mode 2” charging cable, fig. 2, which is located in a special bag in the boot.



2

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The cable is composed of: a specific charging connector (B), fig. 2, for connecting a charge status control unit (C) to the car, which is equipped with LEDs to provide indications of any faults that may occur during charging, and a connection plug (D) for a domestic power socket.

NOTE After use, remember to correctly replace the protective cover (where provided) on the specific charging connector (B), fig. 2, to prevent the ingress of moisture and/or dust.

“Mode 2” cable variants table

The table below shows the specific cable and its permitted ampere rating.
This ampere rating is the limit allowed when the charging power is set to the highest level.

Electric vehicle charging connector type	Electric current intensity (Ampere)	Type of domestic power socket fig. 3	Cable length (metres)
Type 2	8	I	5.4

I



CHARGE STATUS CONTROL UNIT

Signal LED

There are four LEDs, fig. 4, on the front of the charge status control unit:

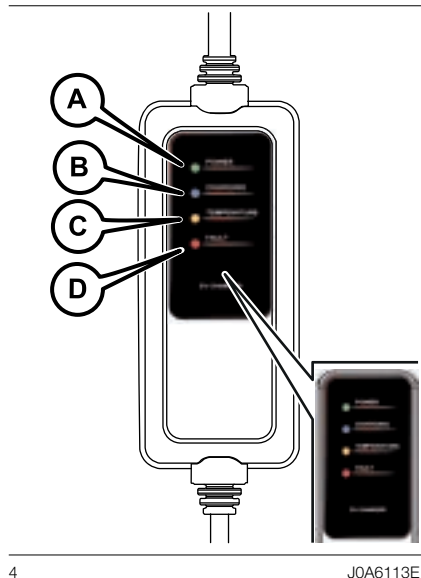
GREEN LED (Power) on (A): indicates that there are no faults in the domestic power distribution system: it is therefore possible to charge the battery

BLUE LED (Charging) on: indicates that battery charging is in progress

YELLOW LED (Temperature) on: indicates overheating of the control unit or the charging port in the domestic power distribution system

RED LED (Fault) on: indicates a charging system failure

WARNING Never carry out any repair work on your own: always contact the Dealership.

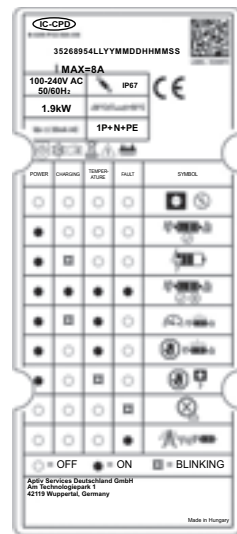


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SYMBOL LABEL ON THE REAR OF THE CONTROL UNIT

There are two summary labels on the charging cable (one on the rear of the control unit, fig. 5, and one on the domestic plug end of the cable), which bear some symbols.



5

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The main ones are listed below:



This symbol indicates a risk of electric shock.



This symbol shows the minimum operating temperature of the charge status control unit. The device can be used from -30°C to +50°C. If the device is not used and must be stored, the temperature must be between -40°C and +70°C. Exceeding these temperature values may damage the device.



This symbol on the label indicates that the charge status control unit does not disconnect the earthing cable.



This symbol indicates that the charging unit should not be placed in the waste if it no longer works: for disposal refer to the environmental regulations in force in the country in which it circulates.



This symbol prompts you to read the instructions in this publication carefully before using the charging cable.

LABEL ON THE DOMESTIC PLUG END OF THE CABLE

There is a summary label on the cable, domestic plug side, fig. 6 where some symbols are applied.



The main ones are listed below:



Warning: Do **NOT** use this product if the control unit is damaged.



Important: To reduce the risk of fire or risk of electric shock, do **NOT** use extensions.



Important: Do **NOT** use multiple socket adapters



Important: make sure that the charge cable is always stored in dry and safe conditions. Do **NOT** immerse the charging cable in liquid substances. Do not pour or drip water or other liquids on it. Make sure that the plugs and cables are free of moisture before using the charging cable. Never connect the charging cable to the electrical network with wet or moist hands or when the charge cable is wet.



Attention: The domestic electrical system must have a residual-current device and must comply with local requirements.



Attention: to reduce the risk of electric shock, only connect the charge cable to domestic sockets that are grounded.



Attention: Take care to position the charging cable in such a way that nobody will step on it and that it will not trip anyone near the vehicle.



Attention: during normal operation the domestic outlet or the charge cable plug could overheat. If the domestic power socket or the charging cable plug overheat when charging, disconnect the charging cable and have the domestic outlet replaced by a qualified electrician before continuing with the charge.



Important: Do **NOT** bend or wind the conductor cables of the charging cable.



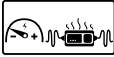
Attention: handle the charge cable with care. Incorrect use could cause permanent damage to the charging cable.



Attention: Protect the charging cable against direct sunlight and high temperatures.

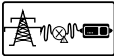
CHARGING SYSTEM FAILURE

Any faults during charging are displayed by the LEDs, either steady or flashing, located on the front of the charge status control unit. Refer to the table below.

	GREEN LED (Power)	BLUE LED (Charging)	YELLOW LED (Temperature)	RED LED (Fault)	Symbol	Description	Action / Consequence
1	OFF	OFF	OFF	OFF		Charging cable not connected to the domestic charging port or power failure in the domestic power distribution system	
2	ON	OFF	OFF	OFF		There are no faults in the domestic power distribution system, so the charging cable can be connected to the charging port on the vehicle	
3	ON	ON (Blinking)	OFF	OFF		High-voltage battery charging in progress	
4	ON	ON	ON	ON		The control unit is performing an internal test	
5	ON	ON (Blinking)	ON	OFF		Charge to a lower level due to an overtemperature of the control unit or the charging port of the domestic power distribution system	
6	ON	OFF	ON	OFF		Overheating of the control unit	If an acceptable temperature is reached after 5 minutes, the system will attempt to charge again.

	GREEN LED (Power)	BLUE LED (Charging)	YELLOW LED (Temperature)	RED LED (Fault)	Symbol	Description	Action / Consequence
7	ON	OFF	ON (Blinking)	OFF		Overheating at the charging port in the domestic power distribution system	If an acceptable temperature is reached after 5 minutes, the system will attempt to charge again. Proceed as follows if the anomaly continues: ☐ disconnect the charging cable from the vehicle and from the domestic power socket with care (the domestic plug may be hot); ☐ please wait for the plug and domestic power socket to reach a normal temperature; ☐ reconnect the cable to the domestic power socket and to the charging port of the vehicle, then try to charge again. In case of a new anomaly, contact a certified electrician.

	GREEN LED (Power)	BLUE LED (Charging)	YELLOW LED (Temperature)	RED LED (Fault)	Symbol	Description	Action / Consequence
8	OFF	OFF	OFF	ON (Blinking)		Charge anomaly	Proceed as follows: ❑ disconnect the cable from the charging port on the vehicle; ❑ disconnect the cable from the charging port of the domestic network; ❑ wait at least 5 seconds; ❑ reconnect the cable to the domestic charging port; ❑ wait for the “Power” LED to turn on (continuous green light) ❑ connect the cable to the charging port of the vehicle: charging will restart automatically. If the red LED turns on after or during the procedure described above, contact a Dealership.

	GREEN LED (Power)	BLUE LED (Charging)	YELLOW LED (Temperature)	RED LED (Fault)	Symbol	Description	Action / Consequence
9	OFF	OFF	OFF	ON		Domestic mains power incorrectly supplied	The system will attempt to charge later after 5 minutes. If the fault persists, disconnect the charging cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a certified electrician.

Key

ON = LED on

OFF = LED off

BLINK = 0.5 seconds ON / 0.5 seconds OFF

PROCEDURE FOR CHARGING FROM A DOMESTIC POWER SOCKET (AC)

CHARGING PROCEDURE



2)

NOTE As soon as the plug is connected to the domestic mains charging port, the 4 LEDs on the cable control unit (see the description in the “Charge status control unit” paragraph) will flash for approx. 2.5 seconds (control unit power-up phase).



IMPORTANT

2) The charging current level (“Level 1” / “Level 2” / “Level 3”, etc.) can only be varied from the **Uconnect™** system display in Jeep/FIAT/ABARTH cars or the **Alfa Connect** system display in Alfa Romeo cars (see the description in the “Settings” paragraph of the **Uconnect™** online supplement for Jeep/FIAT/ABARTH cars or **Alfa Connect** online supplement for Alfa Romeo cars). The default charge level set is “Level 3”. For the list of cable types, refer to the “Mode 2 cable variant table”.

NOTES

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Tonale

OWNER'S MANUAL

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 car 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.

In the enclosed Warranty Booklet you will also find a description of the Dealer Services that the manufacturer offers to its customers, the Warranty Certificate and details of the terms and conditions for the maintenance of the vehicle.

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

Enjoy reading. Happy driving!

WARNING

All the versions of the Alfa Romeo Tonale are described in this Owner Handbook. Options, equipment dedicated to specific markets or versions are not explicitly indicated in the text: as a consequence, you should only consider the information which is related to the trim level, engine and 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. Stellantis Europe S.p.A. aims at continual 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 an Alfa Romeo Dealership.

READ THIS CAREFULLY

REFUELLING



Petrol engines: only refuel with unleaded petrol with octane rating (RON) not less than 95 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 fundamental components of the supply system. For further details on the use of the correct fuel see the "Refuelling the car" chapter in the "Starting and driving" section.

Diesel engines: refuel only with Diesel fuel motor vehicles conforming to the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. For further details on the use of the correct fuel see the "Refuelling the car" chapter in the "Starting and driving" section.

STARTING THE ENGINE



Apply the electric parking brake, put the transmission 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 vehicle 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 car, you decide to add electrical accessories (with the risk of gradually draining the conventional battery), contact an Alfa Romeo Dealership. They will calculate the overall electrical requirement and check that the car's electrical 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.

CHANGES/ALTERATIONS TO THE CAR

WARNING

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

ACCESSORIES PURCHASED BY THE OWNER

If after buying the car, you decide to install electrical accessories that require a permanent electrical supply (e.g. satellite anti-theft system, etc.) or accessories that influence the electrical supply requirements, contact an Alfa Romeo Dealership. Their personnel will check whether the electrical system of the vehicle is able to withstand the load required or needs to be integrated with a more powerful conventional battery.

WARNING Take care when fitting additional spoilers, alloy wheel rims or non-standard wheel hubs: they could reduce the ventilation of the brakes and affect efficiency under sharp, repeated braking or on long descents. Make sure that nothing obstructs the pedal stroke (mats, etc.).

The Manufacturer shall not be liable for damage caused by the installation of accessories either not supplied or recommended by the Manufacturer or not installed in compliance with the provided instructions.

INSTALLING ELECTRICAL/ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the car in the context of after-sales service must carry the following label :

The Manufacturer will the fitting of transceivers provided that installation is carried out at a specialised centre, in a workmanlike fashion and in compliance with manufacturer's specifications.

WARNING Traffic police may not allow the car on the road if devices have been installed which modify the features of the car. This may also cause invalidation of warranty in relation to faults caused by the change either directly or indirectly related to it.

The Manufacturer shall not be liable for damage caused by the installation of accessories either not supplied or recommended by the Manufacturer or not installed in compliance with the provided instructions.

RADIO TRANSMITTERS AND MOBILE PHONES

Radio transmitter equipment (car mobile phones, CB radios, amateur radio etc.) cannot be used inside the car unless a separate aerial is mounted on the roof.

Transmission and reception of these devices may be affected by the shielding effect of the car body.

As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS, LTE), follow the usage instructions provided by the mobile phone Manufacturer.

WARNING The use of these devices inside the passenger compartment (without an external aerial) may cause the electrical systems to malfunction. This could compromise the safety of the car in addition to constituting a potential hazard for passengers' health.

WARNING If mobile phones/laptops/smartphones/tablets are inside the car and/or close to the electronic key, a reduced performance of the Passive Entry/Keyless Start system may occur.

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

Each time an instruction is given that concerns direction (left/right or forward/backward), it is written to be read from the perspective of an occupant in the driver's seat. If a direction is written from a different perspective, it will be specified as such in the text as appropriate.

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 section with the information needed you can consult the index at the end of this Owner Handbook.

The sections 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 section order and the relevant symbols in the tabs. There is in any case a textual indication of the current section at the side of each even page.

WARNINGS AND CAUTIONS

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

There are also **CAUTIONS** 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 **CAUTIONS** must always be carefully followed.

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



personal safety;



car safety;



environmental protection.

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 chapter.

WARNING If a "conventional battery" is mentioned in the text, this indicates the 12V lead service battery located in the engine compartment. "Auxiliary battery" mentioned in the text means the 48V lithium-ion traction battery of the hybrid system (hybrid version), which is located in the central tunnel under the vehicle. "High-voltage battery" in the text means the 330V lithium traction battery of the hybrid/electric system (Plug-In Hybrid version). The term "supplementary battery" instead means a lead battery outside the car used for jump starting.

SYMBOLS

Some car components have colored labels with symbols indicating 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.



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"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.

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KNOWING YOUR VEHICLE



KNOWING THE INSTRUMENT PANEL



SAFETY



STARTING AND DRIVING



IN CASE OF EMERGENCY



SERVICING AND MAINTENANCE



TECHNICAL SPECIFICATIONS



MULTIMEDIA



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ABC

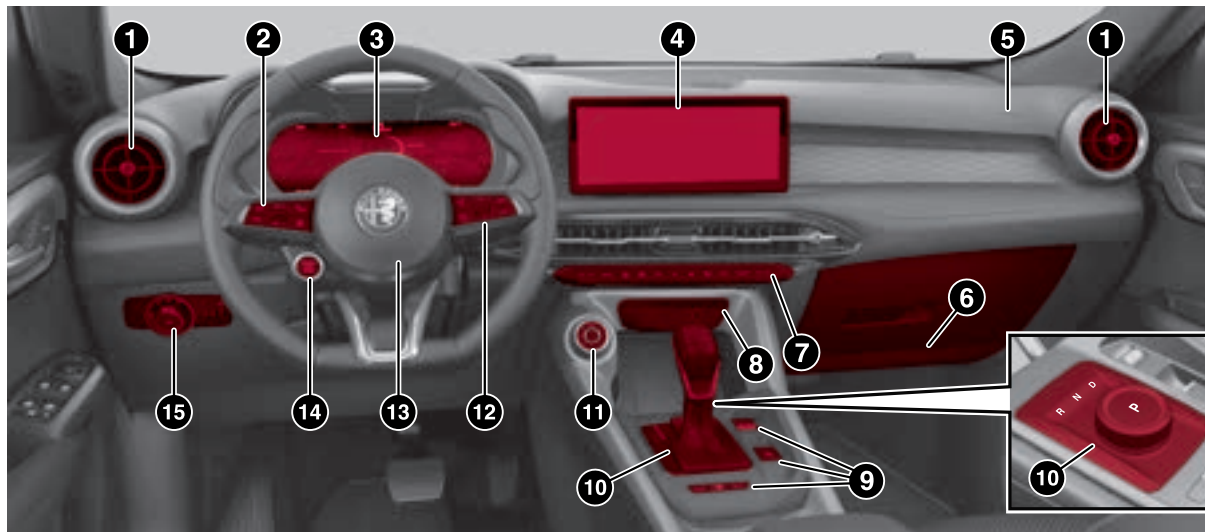


*In-depth knowledge of your new car starts here.
The handbook you are reading will tell you how things are
done, and how it works in a simple, direct way.
That's why we advise you to read it seated comfortably on
board, so that you can see immediately what is described
here for yourself.*

KNOWING YOUR VEHICLE

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DASHBOARD



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1. Adjustable side air diffusers 2. Steering wheel controls Speed Limiter (where provided), Cruise Control (where provided), Adaptive Cruise Control (where provided), Active Driving Assist system (where provided), TSR system (where provided), ISA system (where provided) 3. Instrument panel features 4. Alfa Connect with Navigator / Alfa Connect system display 5. Passenger's front airbag 6. Glove compartment 7. Climate control system 8. USB ports, 12V socket (where fitted) 9. Electric parking brake (EPB), Alfa Connect with Navigator / Alfa Connect system controls (on/off, mute, volume), Park Sensors buttons (where provided), Active ParkAssist (where provided) and Start&Stop (where provided) 10. Gear lever (for 2.0 petrol versions)/ Rotary control 11. Alfa DNA™ system knob 12. Steering wheel controls: display menu, trip computer, Alfa Connect with Navigator / Alfa Connect system, telephone, voice recognition 13. driver side front airbag and horn 14. Ignition device 15. Exterior light control, boot opening

PLUG-IN HYBRID VERSION OPERATING PRINCIPLE

(where provided)

HYBRID SYSTEM EQUIPMENT

Tonale **P-HEV (Plug-in Hybrid Electric Vehicle)** is a hybrid car.

The car is equipped with:

❑ **in the front** with the conventional heat engine, to which a high-voltage electric motor that performs the function of alternator Start&Stop system is coupled

❑ **in the rear** with an electric motor (powered by a high-voltage lithium ion battery) on the rear axle, for motion transmission

GENERAL INFORMATION

The vehicle can be charged with alternating current (AC) using:

❑ a domestic power socket. Charging via the domestic power socket is permitted with voltage values ranging from 100 to 230 Volts depending on the country and depending on the charging cable connected to the car (e.g. 110 Volts cannot be charged via the 230 Volt cable);

❑ a domestic charging station (wallbox)
❑ a public charging station

Depending on the driving and operating conditions of the vehicle, the hybrid

system can move the vehicle in purely electric mode or support the heat engine. Thanks to the "e-Save" function, the heat engine can help to charge the high-voltage battery or keep its state of charge.

In electric only driving mode the car does not consume fuel, but uses the energy stored in the high-voltage battery. This is useful for quiet driving or for access to urban areas where there are special restrictions for cars equipped with internal combustion engine only.

The high-voltage battery is charged by the heat engine charged also during regenerative braking ("eBraking"/"eCoasting"). For more information, see the respective chapters in the "Starting and driving" section.

NOTE It is advisable to use the heat engine (by selecting Dynamic driving mode) for up to 60 minutes non-stop once a month, especially in cold weather.

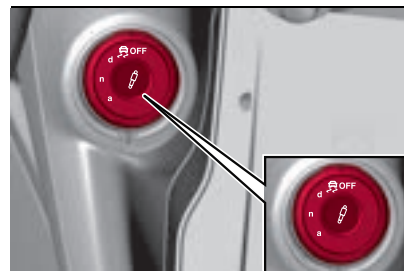
For more information on domestic charging stations (wallbox) contact an Alfa Romeo Dealership.

OPERATING MODE

The Plug-In hybrid system has three modes of operation, which can be selected to adapt the response of the car to driving needs: Dynamic, Natural and Advanced Efficiency.

These operating modes can be selected using the "DNA" selector switch on the central tunnel fig. 3.

For more information on how to operate the system, refer to the "Alfa DNA™ system with ESC OFF (Plug-In Hybrid Q4 version)" chapter in the "Starting and driving" section.



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When the electric motor is active and delivering power, the symbol lights up blue (1) fig. 4 on the speedometer and the tachometer.



4

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ABC

Activating "e-Save" mode

Activating "e-Save" operating mode maintains the state of charge of the high-voltage battery or charges it, depending on the setting on the Alfa Connect with Navigator / Alfa Connect system display (for more information see the "Multimedia" section).

The electrical range of the high-voltage battery is thus safeguarded, allowing it to be used, for example, for a route in urban areas where the heat engine use is prohibited.

The mode is activated by means of the Alfa Connect with Navigator / Alfa Connect system (see the "Electric vehicle" paragraph in the "Multimedia" section). The message "e-Save" is shown on the instrument panel display.

It is also possible to change the characteristics of the function by adjusting the display of the Alfa Connect with Navigator / Alfa Connect system and choosing between the two "e-Save" mode features:

- **"Battery save"** (high-voltage battery state of charge safeguard) (preset setting)
- **"Battery charge"** (high-voltage battery charge)

NOTE The activation of the "e-Save" mode with "Battery charge" operation active permits charging the high-voltage

battery up to the predetermined value based on the driving style and the method of using the car.

Battery save

This maintains the high-voltage battery state of charge at about the same constant charge level as when "e-Save" mode is activated on the car.

Battery charge

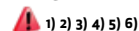
The high-voltage battery is charged through the control electronics thanks to the operation of the heat engine.

NOTE Driving with the "e-Save" mode active may result in an increase in average fuel consumption and a limitation of the accelerator pedal response in case of engine performance request.

NOTE The "e-Save" mode can only be used if the fuel level in the tank is not at minimum and in the "AUTO" mode and in "Natural" mode of the Alfa DNA™ system.

HIGH-VOLTAGE BATTERY

(Plug-In Hybrid version)



The car is equipped with a sealed high-voltage lithium ion battery and has the function of energy storage for the car. The high-voltage battery is used to power the electric motor and power to the 12V system of the car using a voltage converter.

The high-voltage battery is partially charged by recovering the kinetic energy of the car during slowing down and braking while driving. The high-voltage battery can be recharged completely only by connecting the car to the mains using the charging outlet

For optimal use of the high-voltage battery, it is advisable to charge the car regularly using a suitable charging device.

The high-voltage battery is located at the bottom of the car in a central area and is maintenance-free.

Lithium-ion batteries provide the following benefits:

- are much lighter than other types of chargeable batteries of the same size;

- ❑ keep the charge longer;
- ❑ can be charged/discharged thousands of times.

The high-voltage components on the car are cooled by an auxiliary circuit located inside the engine compartment (for more information refer to the "Checking levels" paragraph in the "Servicing and maintenance" section).

NOTE If the battery pack needs to be cooled, the electric climate control compressor is automatically activated even when the passenger compartment cooling function is not operating. The high-voltage battery is cooled by the refrigerant gas also used by the passenger compartment air conditioning system.

WARNING The high-voltage battery has a limited life duration. Its capacity to hold charge decreases with time and use, as for any rechargeable battery. The amount by which the battery capacity decreases varies with the outside conditions (ambient temperature, etc.) and usage conditions, e.g. driving habits and the high-voltage battery (traction battery) charging methods. This is a natural characteristic of lithium ion batteries and is not a sign of malfunction. In addition, although the distance that can be travelled in electric mode decreases as the capacity of the high-voltage battery decreases,

the performance of the car is not significantly affected.

To ensure that the lithium ion battery is maintained properly over time, the vehicle must not be exposed to temperatures below -10°C and above 40°C for extended periods of time, as some vehicle functions may change or be deactivated under -10°C as the battery capacity and power decrease outside this temperature range. The high-voltage battery is equipped with conditioning systems to ensure that it works in temperature conditions suitable for its operation as long as the temperature is above -30°C. Do not expose the battery to lower temperatures.



IMPORTANT

1) Do not resell, give away or modify the high-voltage battery. The high-voltage battery must only be used on the vehicle on which it is supplied. If used outside the vehicle or modified, accidents such as electric shock, heat or smoke generation, explosion or electrolyte leakage may occur. If the vehicle is scrapped without removing the high-voltage battery, contact with high-voltage components, cables and connectors could cause very dangerous electric shock. If the high-voltage battery is not disposed of properly, it may cause electric shock, resulting in serious injury or death.

2) The mains power supply and the high-voltage battery are potentially dangerous: they can cause injury, burns and risk of electrocution. Always take great care.

3) Never touch or tamper with the cables and components of the high-voltage battery in any way: do not allow the high-voltage battery components to come into contact with bracelets, necklaces or any metal objects worn.

4) Do not open, modify or remove the high-voltage battery cover: any gases released may be harmful and flammable: avoid inhaling the gases.

5) Damage to the vehicle or the high-voltage battery may cause harmful gases to escape, which could cause a fire. In the event of a fire, move away from the vehicle, wear a reflective vest (if required by the regulations in force), position yourself in a safe place, and immediately contact the rescuers, police or fire brigade informing them that this is a vehicle with a high voltage system.

6) The electrolyte inside the battery is a polluting and flammable material. If the high-voltage battery is not disposed of properly, it may cause fire and pollute the environment.



WARNING

1) If, as a result of a violent impact or accident, the car has hit the bottom (underbody), have the battery and the high-voltage system checked by qualified technicians.



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WARNING

- 1) Live parts of the vehicle are marked with safety warning labels. The high-voltage battery bears a label indicating this danger.
- 2) Do not dispose of the high-voltage battery yourself. For more information contact an Alfa Romeo Dealership.

HYBRID VERSION OPERATING PRINCIPLE

(where provided)

HYBRID SYSTEM EQUIPMENT



7) 8) 9) 10) 11)

Tonale **MHEV (Mild Hybrid Electric Vehicle)** is a hybrid car.

The hybrid system of the car uses:

□ **an electric motor ("e-machine")** integrated in the electrified dual clutch automatic transmission, connected mechanically to the heat engine and powered by a lithium ion auxiliary battery (48V)

□ **a BSG (Belt Starter Generator) alternator/starter**, activated by the auxiliary services belt, which makes it possible to start the heat engine with the car stationary or when driving at a low speed. In the case of a fault in the 48V system, the BSG (Belt Starter Generator) alternator/starter can act as an alternator and charge the conventional

12V battery. In some phases, such as during "electric driving", it replaces the starter motor of the heat engine. In the latter case, when the car is stopped with automatic engine shutdown, the engine will be restarted by the BSG (Belt ignition device Generator) alternator/ignition device.

□ **a 48V lithium ion auxiliary battery** with the function of energy accumulator for the car

The Hybrid system therefore enables improved performance (better response in transients), while reducing fuel consumption and CO₂ emissions.

NOTE The Hybrid system does not operate continuously, but is activated based on the state of the car, the state of charge of the auxiliary lithium ion battery (48V), the driving conditions (acceleration/deceleration/braking, engine starting) and on the conditions of the road surface (e.g. downhill road).

The Hybrid system provides a power boost to the internal combustion engine during vehicle start-up when more traction torque is required, or at times of higher fuel consumption and emissions. In certain driving conditions, the Hybrid system control module regulates the energy flows based on the charge level of the auxiliary lithium ion battery (48V).

With the electrified dual clutch automatic transmission in P ("Park") and

N ("Neutral"), an increase in noise from the engine compartment may be heard as the auxiliary battery (48V) charging phase begins: this is normal and not a fault.

DC/DC converter

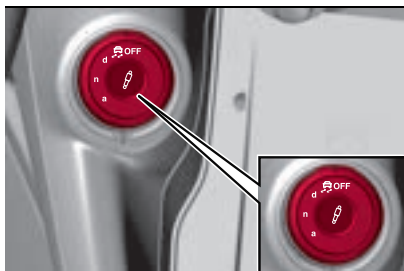
To permit the conversion of the current originating from the 48V system into current that can be used by the 12V system, DC/DC is used: when driving the car, the DC/DC acts as a converter, making it possible to power and charge the 12V battery. The connecting cable allows the 12V and 48V system to be interfaced and to power the 12V system through the 48V auxiliary battery, the DC/DC converter and the BSG (Belt ignition device Generator) alternator/ignition device.

OPERATING MODE

The Hybrid system has three modes of operation, which can be selected to adapt the response of the car to driving needs: Dynamic, Natural and Advanced Efficiency.

These operating modes can be selected using the "DNA" selector switch on the central tunnel fig. 5.

For more information on how to operate the system, refer to the chapter "Alfa DNA™ system with ESC OFF (excluding Plug-In Hybrid Q4 version)" in the "Starting and driving" section.



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MAIN FEATURES OF THE HYBRID SYSTEM

The main features of the hybrid system are:

- ☐ "eBraking" mode
- ☐ "eCoasting" mode
- ☐ "eCreeping" function
- ☐ "eLaunch" mode
- ☐ "eQueueing" mode
- ☐ "eBoosting" mode
- ☐ "eParking" mode

NOTE All of the characteristics listed above cannot be selected by the driver, but are activated automatically by the Hybrid system based on the driving conditions and the state of charge of the auxiliary battery.

For a description of the various features listed above, refer to the respective chapters in the "Starting and driving" section.



IMPORTANT

7) *Improper use, or inappropriate interventions on the system components, can cause serious electric damage and cause serious accidents that can even result in death if the provided instructions are not observed. Always contact an Alfa Romeo Dealership.*

8) *In case of an accident, the system components could have suffered damage that cannot be seen. Do not touch or tamper with damaged components of the battery system: be careful to avoid short circuits. Contact an Alfa Romeo Dealership immediately.*

9) *Do not make any type of change to the components of the battery system: always contact an Alfa Romeo Dealership.*

10) *Do not puncture, crush, shake or deform the battery system.*

11) *The lithium ion auxiliary battery (48V) is located at the bottom of the vehicle: therefore avoid getting the battery system wet with any type of liquid and do not park the vehicle over sources of external heat.*

AUXILIARY BATTERY

(Hybrid version)

 12)  2)  3) 4)

The car is equipped with a sealed 48V lithium-ion auxiliary battery with the function of energy storage for the car.

The main functions performed by the auxiliary lithium-ion battery are to store the electric energy developed while braking and to supply it to the system when the electric motor starts to function.

The auxiliary lithium ion battery is partially charged during driving by recovering the kinetic energy of the car when slowing down and braking.

The auxiliary lithium ion battery recharges automatically to ensure that the charge level is always around 50% of the maximum level, in order to take full advantage of the hybrid functionality and, at the same time, always have a certain capacity useful for the energy recovery operation.

The battery does not require any type of maintenance.

To ensure that the lithium ion battery is maintained properly over time, the car must not be exposed to temperatures below -10°C and above +40°C for extended periods of time, as some car functions may change or become deactivated as the battery capacity



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decreases outside this temperature range. The battery is equipped with conditioning systems that ensure that it operates under optimal temperature conditions appropriate to its operation.

The components of the hybrid system in the vehicle (DC/DC, inverter, 48V auxiliary lithium ion battery, control module of the electrified dual clutch automatic transmission) are cooled by an auxiliary circuit located inside the engine compartment (for more information refer to the "Checking levels" paragraph in the "Servicing and maintenance" section).

WARNING When replacing the 48 Volt battery, always contact an Alfa Romeo Dealership.

WARNING The battery has a limited service life. Its ability to conserve the charge decreases with time and use. The extent to which the battery capacity decreases will vary depending on external conditions (e.g. ambient temperature, etc.) and usage conditions such as driving style. This is a natural characteristic of lithium ion batteries and is not a sign of malfunction. In addition, although the distance that can be travelled in electrical mode decreases as the capacity of the lithium ion battery decreases, the performance of the car is not affected.

GENERAL SAFETY INFORMATION

Improper use, or inappropriate work performed on the components of the system with incorrectly isolated equipment, could cause short circuits and cause accidents due to the passage of high currents and/or the high resulting temperatures. For any repair/maintenance work on the system, contact exclusively an Alfa Romeo Dealership.

If the battery system is used in an inappropriate manner, if it is damaged/overheats/tampered with or exposed to adverse environmental conditions (e.g. very high or very low temperatures), the battery could be damaged and release flammable electrolyte emissions. In these cases, have the 48 Volt battery replaced: contact exclusively an Alfa Romeo Dealership.

The hybrid system does not allow the 48V battery to be recharged using external devices, so it is recommended that the vehicle is not left unused for too long (no more than 3 months) to prevent the 48V battery from being discharged beyond the minimum limit, as it may become unusable as it cannot be recharged from an external supply.



IMPORTANT

12) *The electrolyte inside the battery is a polluting and flammable material. If the auxiliary battery is not disposed of properly, it may cause fire and pollute the environment.*



WARNING

2) *If, as a result of a violent impact or accident, the car has hit the bottom (underbody), have the battery checked by qualified technicians.*



WARNING

3) *Live parts of the vehicle are marked with safety warning labels. The high-voltage battery bears a label indicating this danger.*

4) *Do not dispose of the auxiliary battery yourself. For more information contact an Alfa Romeo Dealership.*

THE KEYS

ELECTRONIC KEY



The car is equipped with an electronic key with a Keyless Start function fig. 6, provided in duplicate.



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OPERATION

Door and boot unlock

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

When the function is available, press and release the unlock button on the remote control once only to unlock the driver side front door or twice within 1 second to unlock all doors and the boot.

It is however possible to change the current setting through the Alfa Connect

with Navigator / Alfa Connect system menu, so that the system unlocks:

- ☐ all doors on the first press of the remote control button
- ☐ only the driver door on the first press of the remote control button (where provided)
- ☐ the boot, "independently" or "with doors"

Moreover, from the Alfa Connect with Navigator / Alfa Connect system you can activate or deactivate the flashing of the direction indicators upon locking/unlocking the doors and activate the "courtesy light" function (dipped beam headlights and direction indicators switch on) upon unlocking the doors. For further information, see paragraph "Settings" in the "Multimedia" section.

The doors can always be unlocked by putting the metal insert inside the driver side door lock.

Door and boot lock

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

If one or more doors are open, the doors are locked and this is indicated by a rapid flashing of the direction indicators (where provided). The doors prepare for

locking, which is active from the moment they are closed. The doors will unlock again only if the key presence is detected inside the passenger compartment.

The doors can always be locked by putting the metal insert inside the driver side door lock.

Automatic window opening/closing function

(where provided)

Prolonged pressing of button : open all windows.

Prolonged pressing of button : close all windows.

boot opening

Rapidly press the button twice to open the boot remotely.

The direction indicators will flash twice to indicate that the boot has been opened.

REPLACING THE ELECTRONIC KEY BATTERY



To replace the battery, proceed as follows:

- ☐ hold pressed in the points shown fig. 7 and slide the cover off downwards



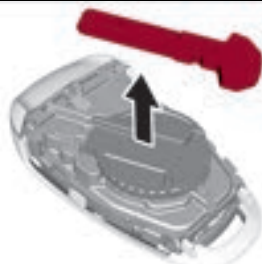
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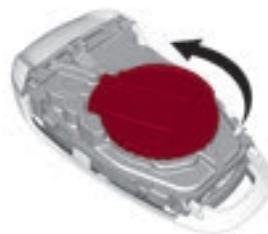
- remove the key insert fig. 8 from its housing



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- remove the battery cap fig. 9 by rotating it anticlockwise



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- remove the battery from its housing fig. 10 and replace it with a new one of the same type



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Proceed in reverse order to reassemble the key.

WARNING The battery replacement operation must be carried out with care, in order not to damage the electronic key.

REQUEST FOR ADDITIONAL KEYS

The system can recognise up to 8 keys with remote control.

Only use keys that have been specially coded for the car electronics. If an electronic key is coded for a car, it cannot be used on any other car.

Duplicating keys

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

WEARABLE KEY

(for versions/markets, where provided)

The car is equipped with an additional extremely small, light-weight electronic device that works as a passive key (without buttons).



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The Wearable Key is resistant to immersion in water (15 meters/1 hour) and can therefore be used for outdoor activities or sports activities in general.

Every indication in this manual related to the electronic key apply to the Wearable Key, except for the functions related to the presence of the buttons and the battery replacement procedure.

WARNING The Wearable Key must not be used for deep diving or other activities involving contact with high-speed water (such as water skiing, diving, kite surfing, etc.).

WARNING The battery of the Wearable Key cannot be replaced. If the internal battery is not sufficiently charged, contact a Alfa Romeo Dealership and follow the "Request for additional keys" procedure. The need to replace the battery is notified to the owner as described above for the electronic key in the "Flat battery" paragraph.



IMPORTANT

13) 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.



WARNING

3) The wireless signal may be blocked if the key is near a metal object or electronic devices (e.g. wireless charger, smartphone, laptop). This can cause malfunctions and/or reduced performance of the access and start-up functions of the car.

4) 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.



WARNING

5) 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 an Alfa Romeo Dealership, which will take care of their disposal.

IGNITION DEVICE



14) 15) 16) 17)

To activate the ignition device the electronic key must be inside the passenger compartment. The ignition device fig. 12 activates also if the electronic key is inside the boot or on the rear shelf.



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The ignition device has the following possible states:

- ☐ **STOP:** engine off, steering column locked. Some electrical devices (e.g. central door locking system, alarm, etc.) are still available
- ☐ **ENGINE:** driving position. All electrical devices are available. This state can be selected by pressing the ignition device button once, without pressing the brake pedal
- ☐ **START:** motor starting



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Starting the motor (with flat electronic key battery)

In this case, to start the engine, place the electronic key in the cup holder fig. 13 and press the ignition device.

NOTE If the doors are locked with the remote control, using Passive Entry (where provided) or using the app (where provided), the engine must be started:

- ❑ place the electronic key in the cup holder fig. 13 and press the ignition device
- ❑ unlock the doors using remote control, Passive Entry (where provided) or app (where provided) and press the ignition device



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Stopping the engine (with flat electronic key battery or stopping the engine while running)

Hold the ignition device button pressed for a while or press it 3 times in a row within a few seconds.

NOTE The ignition device does NOT activate if the electronic key is inside the boot and this is open.

NOTE With the ignition device in the ENGINE position, if 30 minutes pass with P (Park) transmission and the motor stopped, the ignition device will automatically move to the STOP position.

NOTE For Plug-In Hybrid Q4 and Hybrid versions, with the ignition device in ENGINE, the electric motor running and the transmission in P, the ignition device will automatically move to STOP 30 minutes after the driver's door is closed.

NOTE For Plug-In Hybrid Q4 and Hybrid versions, with the ignition device in ENGINE, electric motor on, and transmission in P position, if the charge level of the auxiliary battery is less than 60% and the voltage of the conventional battery is less than 12.7 V, the ignition device will automatically move to the STOP position after 2 minutes.

NOTE With motor started, 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.

NOTE If the device does switch off the car, refer to the "Display" chapter in the "Knowing the instrument panel" section, where provided, and contact

an Alfa Romeo Dealership as soon as possible. For more information on the engine start-up, see the description in the "Starting the engine" chapter in the "Starting and driving" section.

NOTE The electronic key can be disabled for starting if it is left in the car. To do this:

- ❑ close all the doors, including the tailgate
- ❑ press the lock button on another key twice or the button located under the handle with another electronic key, waiting at least 3 seconds between each press
- ❑ wait 30 seconds without unlocking the car or opening the doors. To reactivate the previously disabled electronic key you must either start the car with an enabled electronic key or unlock the car using an enabled electronic key

STEERING COLUMN LOCK

(for versions/markets where provided)

Activation

The steering column lock engages when the driver door is opened, with the ignition device button at STOP and speed 3 km/h.

Deactivation

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



IMPORTANT

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

15) 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 vehicle.

16) Before leaving the car, ALWAYS engage the electric parking brake. Put the transmission in the P (Park) position 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.

17) 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 the ENGINE position. A child could activate the electric window winders, other controls or even start the car.

18) 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 and safety, invalidate the warranty and also result in non-compliance of the car with type-approval requirements.

ENGINE IMMOBILIZER

The Engine Immobilizer system prevents unauthorised use of the car 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.

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" chapter in the "Knowing the instrument panel" section). This condition will cause the engine to shut down after two seconds. If this happens, turn the key fob to the STOP position and then back to ENGINE; if the lock remains in place, try the other key fobs supplied. If it is still not possible to start the engine, contact an 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 an Alfa Romeo Dealership.

WARNINGS

Do not tamper with the Engine Immobilizer system. Any modifications/alterations could

cause the protection function to be deactivated.

The Engine Immobilizer system is not compatible with certain aftermarket remote starting systems.

ALARM

(where provided)

ALARM ACTIVATION

The alarm goes off in the following cases:

- ☐ wrongful opening of doors/bonnet/boot (perimeter protection)
- ☐ operation of starting device with a key which is not validated
- ☐ when the conventional battery leads are cut.
- ☐ movement inside the passenger compartment (volumetric protection, where provided)
- ☐ anomalous lifting/tilting of the car (anti-lift protection, where provided)

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

WARNING The immobilizer function is provided by the Engine Immobilizer system, which is automatically activated when you get out of the car taking the electronic key with you and locking the doors.

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



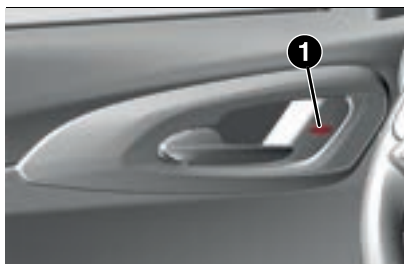
TURNING THE ALARM ON

With the doors, bonnet and tailgate closed and the ignition device turned to STOP, point the electronic key towards the car and press and release button **6**.

The alarm can also be engaged by pressing the "door lock" button, located on the door external handle. For further information, see "Passive Entry" in the "Doors" chapter.

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

With the alarm on, warning light (1) fig. 14 flashes on the instrument panel.



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In case of faults the system will generate a further acoustic signal.

If, after the alarm is switched on, a second acoustic warning is emitted, wait about 4 seconds and switch off the alarm by pressing the button **6**, check that the doors, bonnet and boot are closed

correctly and then reactivate the system by pressing the button **6**.

If the alarm emits an acoustic signal even when the doors, bonnet and boot are correctly closed, a fault has occurred in system operation: in this case, contact an Alfa Romeo Dealership.

Locking the doors without engaging the alarm is also always possible by locking the doors by putting the metal insert of the key inside the driver side door lock.

WARNING If the doors are unlocked by putting the metal insert into the driver side door lock, the alarm, if previously enabled, is not disabled. It will be possible to disable the alarm by turning the ignition device switch to ENGINE, or by pressing button **6** on the remote control.

TURNING THE ALARM OFF

Press the **6** button. The following operations are performed:

- ☐ two brief flashes of the direction indicators (where provided)
- ☐ two brief acoustic signals (where provided)
- ☐ releasing the doors

The alarm can also be disengaged by the holder of the key, by grasping one of the front handles. For further information, see "Passive Entry" in the "Doors" chapter.

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

VOLUMETRIC / ANTI-LIFT PROTECTION

(where provided)

For guaranteeing correct operation, completely close the side windows and sunroof, if present.

To exclude the function, press button fig. 15 before deactivating the alarm.

When the function is turned off, this is indicated by the LED on the button flashing for several seconds.

Any disabling of the volume sensing/anti-lift protection must be repeated each time the instrument panel is switched off.



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DISARMING THE ALARM

To completely disable the alarm (e.g. during a lengthy period of car inactivity),

close the doors by turning the metal insert of the key in the door lock.

WARNING If the batteries of the key with the remote control run out or the system fails, the alarm can be switched off by placing the ignition device switch in the ENGINE position. Manually open the doors by fitting the metal insert located inside the key into the driver's side door lock barrel and then placing the electronic key in the cup holder.

DOORS

LOCKING / UNLOCKING DOORS FROM THE INSIDE

Central locking / unlocking



According to the version/market of the car, the automatic locking function of the doors when the speed exceeds 20 km/h ("Autoclose" function) may not be present. In this case, use the corresponding control located on the door panel to lock/unlock the doors.

Similarly, the "Autoclose" function may not be present in the "Doors & Locks" menu on the instrument panel/Alfa Connect with Navigator / Alfa Connect system.

Press button **16** on the driver side door panel fig. 16 or on the passenger side door to lock the doors. With doors locked, press button **16** to unlock them.



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LOCKING/UNLOCKING DOORS FROM THE OUTSIDE

Locking from the outside

With the doors closed, press the **16** button on the key.

The door lock can be activated with all doors locked and the boot open. When button **16** 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.



Door unlocking from the outside

Press the button **16** 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

(where provided)



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

The system enables the doors (or the boot) 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 boot are unlocked (the elements that open depend on the Alfa Connect with Navigator / Alfa 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 Alfa Connect with Navigator / Alfa 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:

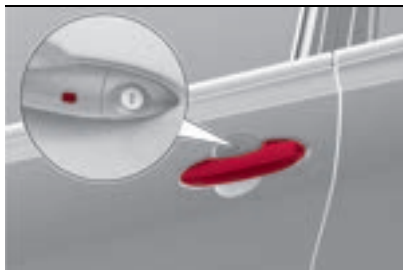
- ❑ make sure that you have the electronic



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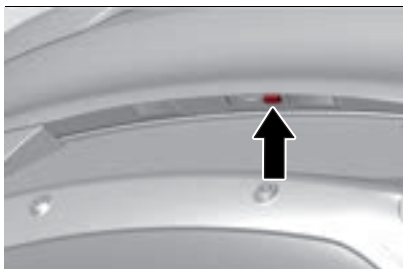
key and are close to the driver or passenger side door handle

- press the "door locking" button fig. 17 located on the handle or the fig. 18 button on the boot near the open button: this will lock all doors and the boot. Door locking will activate the alarm as well (where provided)



17

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18

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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 boot 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.

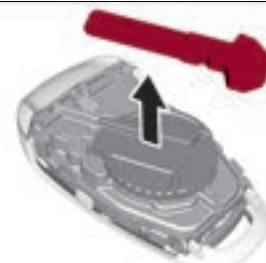
To extract the metal insert, proceed as follows:

- hold pressed in the points shown fig. 19 and slide the cover off downwards
- remove the key insert from its housing fig. 20
- then insert the metal insert in the driver side door lock and turn it to unlock the door



19

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20

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NOTE The metal insert of the key has no forced insertion direction and can be inserted indifferently in the lock.

WARNINGS

To avoid leaving the electronic key inside the car accidentally, the Passive Entry function features an automatic door unlocking function.

If one of the car doors is open and the "door lock" button fig. 17 is pressed located on the front door handles, or the

button  in the door panel inner trim fig. 16, once all the doors are closed, the car checks the inside and outside of the car to check for the presence of enabled electronic keys.

When pulling the handle, do not press the door lock/unlock button on the handle fig. 21.



21

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If one of the electronic keys is detected inside the car and no other active electronic key is detected outside the car, the Passive Entry function automatically unlocks all the car doors, sounds three times and operates the direction indicators.

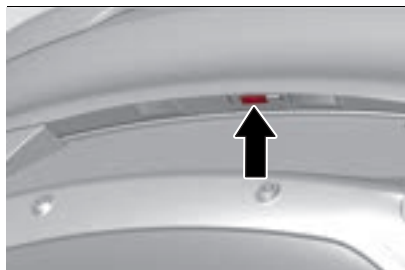
If, on the contrary, one or more electronic keys are inside the passenger compartment, pressing the button  on the remote control the keys inside the passenger compartment are temporarily disabled.

The car **will not unlock** the doors if an unauthorised electronic key has been detected outside close to the car.

If the Passive Entry function is disabled using the Alfa Connect with Navigator / Alfa Connect system, the protections to avoid leaving accidentally the electronic key inside the car are deactivated.

Boot access

Approaching the boot with a valid electronic key, press the opening button fig. 22 to access the boot.



22

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WARNING If the electronic key is inadvertently forgotten inside the boot and an attempt is made to close it from outside, the boot will not lock unless another electronic key is recognised outside and nearby the car. With the doors locked, if only the boot is unlocked, if a key is detected inside when it is locked, the boot will unlock again and the lights flash twice.

WARNING Before driving make sure the boot is closed correctly.

Locking the boot lock

The boot may still be locked by pressing the  button on the electronic key or by pressing the door lock button on the external handles or by pressing the  button on the inner door panel of the car.

On cars equipped with Passive Entry, the boot and the doors can be locked by pressing the fig. 18 button located near the opening button on the boot.

System activation/deactivation

The Passive entry system can be activated/deactivated using the Alfa Connect with Navigator / Alfa Connect system.

DEAD LOCK DEVICE

(where provided)



This safety device prevents the opening of the doors from inside the car and the lock/unlock door button. This prevents the opening of the doors from inside the passenger compartment in case of break-in attempt (e.g. by smashing a window).

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

Device on: the device is activated on all doors by pressing button  on the key twice in rapid succession or by pressing



ABC

the lock button on the exterior handle of the car. 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 is automatically deactivated by pressing the button  on the electronic key or by turning the ignition device to ENGINE or by grasping one of the front handles.

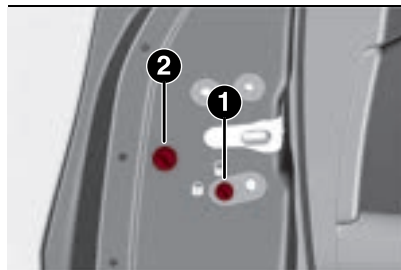
CHILD LOCK



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

This device (1) fig. 23 can be engaged only with the doors open:

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



23

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

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

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 (2) fig. 23;
- ☐ turn the key clockwise for the right door locks or anticlockwise for the left door locks;
- ☐ remove the key from the housing.

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 handle will not open the door but will only realign the lock release device. To open the door, the outside handle must be used. The door central locking/unlocking buttons are not deactivated when the emergency lock is engaged.



IMPORTANT

19) 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.

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

21) Once the dead lock device is engaged, it is impossible to open the doors from inside the car. Therefore, before getting out of the

car check that there is no-one left on board. If the electronic key battery is flat, the system can be disengaged only by inserting the key metal insert in either of the door locks as described previously: in this case the device remains active only for the rear doors.



WARNING

5) 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.

6) 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).

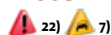
SEATS

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.

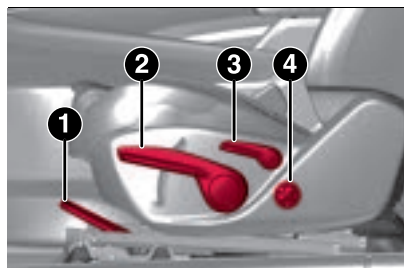
WARNING Make adjustments while sitting in the seat you want to adjust (driver side or passenger side).

NOTE Do not place objects beneath the adjustable seat or impede proper seat adjustment.

FRONT SEATS WITH MANUAL ADJUSTMENT



Longitudinal adjustment: lift lever (1) fig. 24 and push the seat forwards or backwards.



24

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Height adjustment (where provided): adjust lever (2) upwards or downwards to obtain the required height.

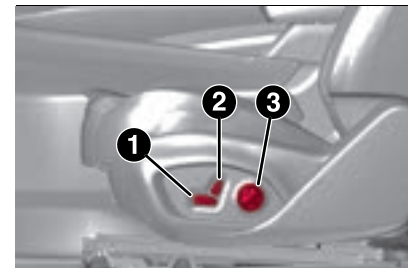
Backrest angle adjustment: move lever (3) to adjust the backrest angle, accompanying it with the movement of the torso (operate the lever until the desired position is reached, then release it).

Electric lumbar adjustment (where provided): operate the joystick (4).

ELECTRICALLY ADJUSTABLE FRONT SEATS



The buttons for electrically adjusting the seat can be used to adjust the height (where provided), longitudinal position and angle of the backrest.



25

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Height and/or cushion tilt adjustment (where provided): act on the front or rear part of the switch (1) fig. 25.



ABC

Longitudinal adjustment: push switch (1) forwards or backwards to move the seat in the corresponding direction.

Backrest angle adjustment: push switch (2) fig. 25 forwards or backwards to adjust the backrest in the corresponding direction.

Electric lumbar adjustment (where provided): operate the joystick (3) fig. 25. **WARNING** The electrical adjustment is only allowed when the ignition device switch is turned to ENGINE, and for about 20 minutes after it is turned to STOP. The seat can be moved for approximately 20 minutes after opening or closing the door.

NOTE With the ignition device in the STOP position, the electric adjustment will automatically deactivate if the doors of the car are locked from the outside.

Storing the driver's seat positions (where provided)

This function allows the driver to store up to three different profiles, which can be easily recalled by pressing buttons (1), (2), (3) on the side of the inside door handle on the driver's side door panel fig. 26. Each stored profile (profile 1, 2 or 3) contains the desired position settings for the driver's side seat.



Memorisation and recall is possible both with the ignition device in ENGINE position and the vehicle stationary, and with the vehicle moving (up to a speed of approx. 2 km/h), and for 20 minutes from when the ignition device is moved to STOP. Storage of the position is confirmed by a beep.

To storing a seat position:

- adjust the driver's seat
- press the button for about 1.5 seconds (1), (2) or (3) and release it

When storing a new setting for the driver's seat and radio, the previous setting is automatically deleted using the same button.

Recalling a memorised position is also possible for about 20 minutes after the doors are opened and about 20 minute after the engine is stopped. To recall a memorised position, press the relevant button briefly.

NOTE The movement of the seat is suspended if the ignition device is moved to the START position following the recall.

FRONT SEAT ELECTRIC HEATING

(where provided)

With the ignition device in ENGINE position, press button (1) fig. 27 on the Alfa Connect with Navigator / Alfa Connect system display.



There are 3 heating levels (Minimum, Medium, Maximum).

The heating level can be automatically updated to lower levels until the function is deactivated depending on the time elapsed since activation and the temperature reached.

After activating the heating, you need to wait for a few minutes until warm air flows into the compartment.

WARNING In order to preserve the conventional battery, this feature cannot be activated when the engine is off.

Auto On Comfort (where provided)

The electric heated driver and passenger seat is switched on automatically to "maximum heating" whenever the engine is started and the external temperature is lower than 4.4°C. This function can be activated and deactivated using the Alfa Connect with Navigator / Alfa Connect system Menu.

FRONT VENTILATED SEATS

(where provided)

Fans are placed in the seat cushion and backrest to suck air out of the passenger compartment and introduce air through the small holes in the seat cover to keep the driver and front passenger cool in the event of high external temperatures. The fans run at three speeds: high, intermediate, low.

The front ventilated seats control buttons are located within the Alfa Connect with Navigator / Alfa Connect system. You can gain access to the control buttons through the climate control system screen or the controls screen.

Press button (2) fig. 27 several times to select, in sequence: HI (High ventilation), intermediate ventilation level, LO (Low ventilation) or ventilation off.

NOTE The engine must be running for the ventilated seats to operate.

Auto On Comfort (where provided)

If the driver and passenger ventilated seat function is switched on automatically whenever the engine is started and the external temperature is higher than 27°C. This function can be activated and deactivated using the Alfa Connect with Navigator / Alfa Connect system Menu.

REAR SEATS

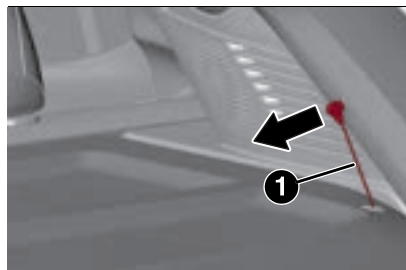
The boot can be partially (1/3 or 2/3) or totally extended by splitting the rear seat.

Removing the parcel shelf

(where provided)

Proceed as follows:

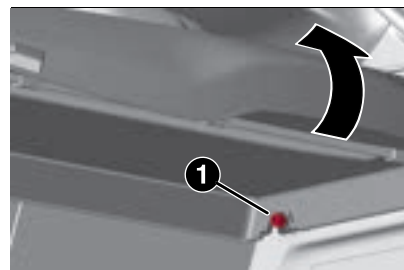
- free the ends of the two parcel shelf mounting links (1) fig. 28 by removing the eyelets from the mounting pins



28

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- raise the rear part of the parcel rack, operating as illustrated in fig. 29
- release the pins (1) fig. 29 located outside the shelf, then remove the parcel rack, pulling it upwards
- after removal, the parcel rack can be loaded sideways into the boot or placed between the front seat backrests and the rear seats (with the boot completely expanded)



29

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Partial extension of boot (1/3 or 2/3)

9)

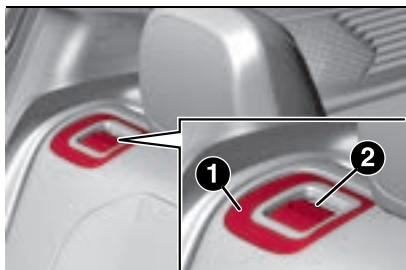
Proceed as follows:

- remove the parcel shelf, if present
- completely lower the rear seat head restraints
- make sure that the seat belt is positioned on panel (1) fig. 30
- operate lever (2) to tilt the left or right part of the backrest: it will automatically tilt forward. If necessary, accompany the



ABC

backrest during the initial stage of tilting. When you lift the lever, you will see a red



30

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Total boot extension

Tilting the rear seat completely forwards allows maximum loading volume.

Proceed as follows:

- ❑ completely lower the rear seat head restraints
- ❑ make sure that the seat belt is positioned on panel (1) fig. 30 (where provided)
- ❑ operate the lever (2) to fold down the backrests. They will fold forwards automatically. If necessary, accompany the backrests during the initial stage of tilting. When you lift the lever, you will see a red

Repositioning seat backrests

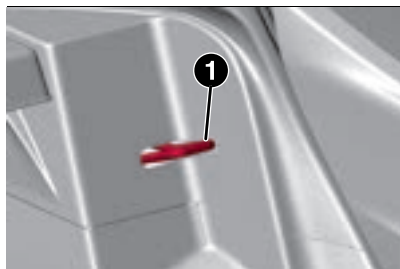


24) 25)

Move the seat belts aside, making sure that they are correctly extended and not

twisted and that they are not trapped behind the backrests of the seats.

Make sure that the seat belt is positioned on panel trim (1) fig. 30 (where provided), then raise the backrests pushing them backwards until the locking click is heard on both coupling mechanisms (1) fig. 31 by the side visually checking that the "red notches" on the levers (2) fig. 30 are not visible (the "red notch" indicates that the seat back is not fastened).



31

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Backrest centre part (rear armrest)

Before tilting the backrest, lower the head restraint completely making sure that the rear central seat belt is not fastened and that there aren't any objects in the central part of the cushion (if there are any, remove them).

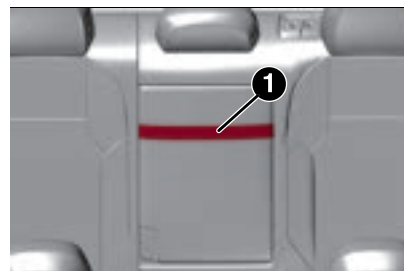
Pull the handle (1) fig. 32 and tilt the central part of the backrest.

The backrest central part, once tilted, can be used as rear armrest as well; it is equipped with a cup/bottle holder.



25)

WARNING Before repositioning the central part of the backrest check that there are no beverages or objects in the cup holder which could obstruct the coupling area (remove them where provided).



32

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IMPORTANT

22) All adjustments must be made with the car stationary.

23) 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.

24) Make sure the backrests are properly secured at both sides (not visible "red

notches") to prevent them from moving forward, in the event of sharp braking, with possible impact with the passengers.

25) If a passenger is present, it won't be possible to use the armrest, but the central backrest needs to be properly attached.



WARNING

7) The fabric upholstery of the seats has been designed to withstand long-term wear deriving from normal use of the car. Some precautions are however required. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small area, could cause it to break, thereby damaging the upholstery.

8) Do not arrange objects beneath the electrically adjustable seat and do not impede its movement, since the controls may be damaged. They may also restrict the seat travel.

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

HEAD RESTRAINTS

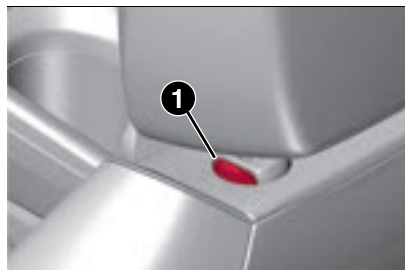
FRONT HEAD RESTRAINTS (adjustments)



26) 27) 28) 29)

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

Downward adjustment: press button (1) fig. 33 and lower the head restraint.



33

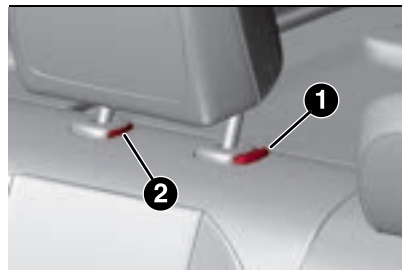
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REAR HEAD RESTRAINTS (adjustments)

NOTE Only the outer head restraint are adjustable. The central head restraint is fixed (where provided).

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

Downward adjustment: press button (1) fig. 34 and lower the head restraint.



34

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REAR HEAD RESTRAINTS (removal)

Proceed as follows:

- ❑ raise the head restraint to its maximum height
- ❑ press buttons (1) and (2) fig. 34 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) pressed. Then, re-position the head restraints according to your needs.



IMPORTANT

26) 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.



ABC

27) All occupants, including the driver, should not operate a vehicle or sit in a vehicle's seat until the head restraints are placed in their proper positions in order to minimize the risk of neck injury in the event of a collision

28) Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

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

STEERING WHEEL

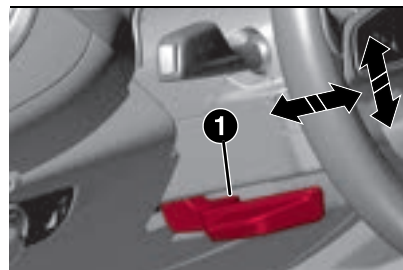


30) 31)

ADJUSTMENTS

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

To adjust, move the lever (1) fig. 35 downwards, then adjust the steering wheel to the most suitable position and then lock it in this position moving the lever (1) again upwards.



35

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ELECTRIC STEERING WHEEL HEATING

(where provided)

With the ignition device in ENGINE position, press the button (1) fig. 36 on the Alfa Connect with Navigator / Alfa Connect system display.



36

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WARNING This function can only be activated when the heat engine is running.

Auto On Comfort

(where provided)

The electric heated steering wheel is switched on automatically whenever the engine is started and the external temperature is lower than 4.4°C.

This function can be activated and deactivated using the Alfa Connect with Navigator / Alfa Connect system Menu.



IMPORTANT

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

31) 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

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



37

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Operate lever fig. 37 to adjust the mirror into two different positions: normal or anti-glare.

ELECTROCHROMIC REAR-VIEW MIRROR

(where provided)

Some versions have an electrochromic mirror with automatic anti-glare function fig. 38.



38

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DOOR MIRRORS



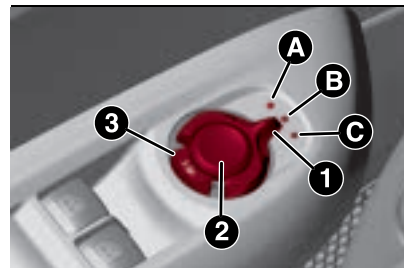
32)

The mirrors can be adjusted with the ignition device in the ENGINE 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.

Select the desired mirror using device (1) fig. 39:

- ☐ device in position (A): left mirror selected
- ☐ device in position (C): right mirror selected



39

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To adjust the selected mirror, press button (2) in the four directions shown by the arrows.

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

Folding

To fold the mirrors, press button (3) fig. 39. Press the button again to restore the mirrors to the driving position. If button (3) is pressed during door mirror folding (from closed to open position and vice versa), their movement direction is reversed.

The mirrors can be folded or opened with the ignition device in the ENGINE 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.



ABC

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

Automatic function activation

Activating the central door locking system from outside the vehicle automatically folds the mirrors.

Turning the ignition device to the ENGINE position automatically returns the mirrors to the driving position.

If the mirrors were folded using device (3) fig. 39, they can only be returned to the driving position using the same device.

Function activation/deactivation via Alfa Connect with Navigator / Alfa Connect system

The Alfa Connect with Navigator / Alfa Connect system menu can be used to activate/deactivate the electric mirror folding function (the default setting for the function is "Active").

For more information refer to the contents of the supplements available online.

Mirrors realignment operation

In case one of the door mirrors has been moved manually it may occur that the mirror itself does not retain its position in a stable way while driving.

In that case it is necessary to carry out the following realignment operation:

- ❑ manually close the mirror in the parking position, folding it from the position (1) to the position (2) (see fig. 40)
- ❑ actuate the mirrors opening control once or twice (3) fig. 39 to realign the system and bring both mirrors in the driving position



40

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ELECTROCHROMIC EXTERIOR MIRRORS

(where provided)

These mirrors can automatically modify its reflecting action to prevent dazzling the driver. The electrochromic rear-view mirror function on/off button fig. 38 is the same for all rear-view mirrors.

ELECTRIC DOOR MIRROR HEATING

On versions with manual climate control or, depending on the trim level, automatic dual-zone climate control, pressing the button  activates door mirror demisting/thermal resistance.



IMPORTANT

32) As the driver and passenger side door mirror is curved, it may slightly alter the perception of distance.

EXTERNAL LIGHTS

LIGHT SWITCH

The ring of the light switch (1) fig. 41, located on the left side of the dashboard, controls the operation of headlights, side lights, daytime running lights, dipped beam headlights, the rear fog lights and instrument panel and graphic control button dimmer.



41

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The exterior lights, except for the side lights, can only be switched on when the ignition device is at ENGINE.

The instrument panel and the various controls on the dashboard will light up when the external lights are switched on.

AUTOMATIC LIGHTING CONTROL (AUTOLIGHT) - DUSK SENSOR

This is an infrared LED sensor that works in conjunction with - the rain sensor and is located on the windscreen. It is able to detect variations in outside lighting based on the light sensitivity set in the menu of the Alfa Connect with Navigator / Alfa Connect system (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section). The higher the sensitivity, the lower the amount of external light needed to switch the lights on.

Activation

With the ignition device in the ENGINE position, turn the ring of the light switch to  to activate the "Automatic lighting control" function. This automatically switches on the side/tail lights and dipped beam headlights in case of low external light or DRL in daytime driving conditions. Turn the ring to position  to switch to manual dipped beam mode. In the event of a sensor malfunction, the side/tail lights, dipped beam headlights and licence plate lights are automatically activated.

WARNING The sensor cannot detect the presence of fog. These lights must therefore be switched on manually in these circumstances.

DIPPED BEAM HEADLIGHTS

With the ignition device on ENGINE, turn the switch to . If the dipped beam headlights are activated, the daytime lights are switched off and the dipped beam headlights, side lights and number plate lights are switched on.

The  warning light switches on in the instrument panel.

DAYTIME RUNNING LIGHTS (DRL) "Daytime Running Lights"



The daytime running lights (DRL) are activated with the ring in position  and in daylight conditions. They remain off as long as the electric parking brake is engaged or the transmission is in the P (Parking) position. With the ignition device in the ENGINE position and the heat engine switched off, the daytime running lights are off. The daytime running lights are also temporarily deactivated when the direction indicators are activated. When the direction indicators are deactivated, the daylight running lights are reactivated. In some versions, if one of the daytime running lights fails, all the daytime running lights on the side where the failure is present are switched off.

REAR FOG LIGHT

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

With ignition device in the ENGINE position, press 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.

PARKING LIGHTS

These can be turned on by turning the light switch ring to the  position.

The  warning light switches on in the instrument panel.

WARNING Do not select this light switch position when the car is moving, but only to indicate that the car is parked when prescribed by the regulations in force in the country where you are driving (Highway Code).

TAIL LIGHTS

The tails on the tailgate are switched off when the door is opened.

HEADLIGHTS OFF TIMER

This safety function delays the switching off of the headlights, allowing the space in front of the car to be illuminated for a certain period of time.



Function activation

With the ignition device turned to STOP or removed, pull the left stalk towards the steering wheel within 2 minutes from when the ignition device is turned to the STOP position.

Each time the stalk is moved, the lights stay on for an extra 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically.

Furthermore, the symbol  on the instrument panel lights up whenever the stalk is operated. The display shows a message and the time set for the function.

The  symbol comes on when the stalk is first moved and stays on until the function is automatically deactivated. Each movement of the stalk only increases the amount of time the lights stay on.

Function deactivation

Hold the stalk pulled towards the steering wheel for more than 2 seconds or turn the ignition device to the ENGINE position.

If the headlights are switched off before the ignition, they will switch off normally.

MAIN BEAM HEADLIGHTS

To activate the fixed main beam headlights, with the ignition device in ENGINE, push left lever fig. 42 (car travel direction) into unstable position. The

light switch should be turned to  with the dipped beam headlights on, or it should be turned to position .

To flash, the unstable position is used (activate by pulling the lever towards you). With main beam headlights on, the warning light  on the instrument panel will come on at the same time.

The main beam headlights is switched off by pushing the left lever in the direction of travel in the toggle position. Warning light  switches off in the instrument panel.

When the speed is higher than 40 km/h and the function is active, the lights switch off if the stalk is pushed in the direction of travel in the toggle position again.



42

9650150

Automatic main beam headlights

(where provided)

In order not to dazzle other road users, the lights are automatically deactivated

when approaching cars travelling in the opposite direction or when following a car travelling in the same direction.

This function is enabled with the display Menu or the Alfa Connect with Navigator / Alfa Connect system, and with the light switch turned to .

The first time the main beam headlights are activated (pushing the left lever), the function is activated (the white symbol  comes on in the instrument panel display).

If the main beam headlights are actually on, the blue warning light  will also come on in the instrument panel display.

When the speed is higher than 40 km/h and the function is active, the lights switch off if the stalk is pushed in the direction of travel in the toggle position again.

When the speed is lower than 15 km/h and the function is active, the function switches the main beam headlights off.

If the fixed main beam headlights are operated quickly again (pushing the left stalk in the direction of travel and releasing it), the blue warning light/icon  will switch on in the instrument panel and the main beam headlights will be switched on fixed until the speed exceeds 40 km/h.

When the speed of 40 km/h is exceeded again, the function  is activated automatically again.

If the lever is pulled again in this condition, to request main beam headlight deactivation, the function remains off and the main beam headlights switch off.

To deactivate the automatic function rotate the light switch ring to position .

When the speed is higher than 40 km/h and the function is active, the lights switch off if the stalk is pushed in the direction of travel in the toggle position again.

ADAPTIVE DRIVING BEAM (ADB) WITH GLARE-FREE TECHNOLOGY

(where provided)

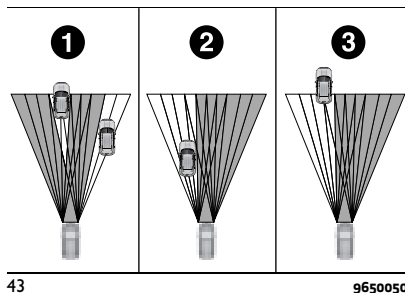
The "Glare Free" technology assists the driver when driving on highway roads with poor ambient lighting by allowing the use of high beam lights even in the presence of other cars without the risk of dazzling them.

The glare-free effect is achieved by arrays of LEDs, which are dynamically switched on and off to detect a shaded area at the headlights of every vehicle on the road (including motorbikes and bicycles), based on information about the headlights of other cars provided by the forward-facing digital camera located on

the windscreen below the interior rear-view mirror.

The glare-free system is of the multi-shadow type, as it can create up to four light tunnels at the same time, and each tunnel area is as wide as the obstacle that must not be dazzled.

The figure shows an example of different scenarios:



(1) two cars are travelling in front in the same direction;

(2) another car is overtaking;

(3) another car is travelling in the opposite direction.

The system can detect and react to an oncoming car from a distance of about 400 m in a couple of seconds. In contrast, in the case of vehicles driving in front, the system can detect and react within seconds from a distance of approximately 100 m.

Activation mode

The digital camera is the same as the one used for the Auto Dim High Beams and, as with the Auto Dim High Beams, the "Glare Free" technology must be activated as indicated in the "Multimedia" section by ticking the automatic high beam dimming option.

The glare-free function will be activated after the following actions:

- ☐ starting the engine
- ☐ positioning the light switch on 
- ☐ switching on the main beam headlights

When the high beam is switched on, the anti-glare function is activated if:

- ☐ the speed of the car is equal to or greater than 35 km/h when the function is activated
- ☐ ambient light is not sufficient for safe and comfortable driving
- ☐ there is traffic outside the urban context

Once the system is active, the white symbol  lights up, the blue symbol  replaces the previous symbol and indicates that all or only some of the main beam LEDs are on at that time.

In the event that the entire main beam module has to be switched off to achieve a glare-free effect on the instrument panel, only the green indicator will remain lit. When the situation allows partial or



ABC

total use of main beam without causing glare, the blue indicator will appear again.

NOTES

- ❑ some unpredictable conditions, such as dirt, dust, films or other obstructions on the camera lens, may affect the proper functioning of the glare-free function
- ❑ heavy rain and fog can affect the performance of the system by leaving the main beam on for longer than the nominal operating conditions. This can dazzle other cars and cause disturbance. To avoid this, the driver must switch off the main beam manually
- ❑ when the function is deactivated, the minimum operating speed is 25 km/h

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 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 off 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 off the flashing before the end of the cycle, move the lever in the opposite direction until the first click (about half way).

"Emergency Stop Signalling (ESS)" function

This function automatically activates the hazard warning lights in case of sudden deceleration or activation of the ABS system at speeds above 50 km/h. The hazard warning lights will switch off when deceleration falls below a certain threshold or the ABS is no longer active.

TURNING LIGHT

(where provided)

The function is activated with the main beam switched on and allows the road to be better illuminated when turning or negotiating a bend by switching on dedicated LEDs.

ANIMATIONS

(where provided)

Depending on the version, with the ignition device in the STOP position, an animated sequence of front and rear lights may be shown when the doors of the car are unlocked.

Then they light up fixed. The function is activated from the instrument panel display menu or using the Alfa Connect with Navigator / Alfa Connect system (see "Multimedia" section).

Only the direction indicators will light up when only the tailgate is unlocked.

Activating the alarm or hazard warning lights will disable the function.

ADAPTIVE LOW BEAM FUNCTION WITH AFS (Adaptive Frontlight System) TECHNOLOGY

(where provided)

It is a system that adapts the depth of the dipped beam, depending on the following driving conditions:

- ❑ car speed
- ❑ windscreen wiper moving
- ❑ the function is enabled through the instrument panel display menu
- ❑ when the dipped beam headlights are on.

In the case of LED matrix headlamps, in order to meet type-approval requirements and to avoid dazzling

oncoming drivers, the Adaptive Low Beam feature must be disabled if the driver's seat is on the left-hand side of the vehicle and driving in countries with the right-hand lane (and vice versa).

HEADLIGHT ALIGNMENT ADJUSTMENT

(where provided)

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

Check light beam alignment every time the load or its distribution changes.

Headlight alignment corrector

(where provided)

It only operates with the ignition device in the ENGINE position.



44

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Turn the ring (1) fig. 44 to adjust.

- **Position 0:** one or two people on the front seats
- **Position 1:** 4 people
- **Position 2:** 4 people + load in the boot
- **Position 3:** Driver + maximum permitted load stowed in the boot

WARNING Check the headlight alignment each time the weight of the load transported changes.



IMPORTANT

33) 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.

34) Daytime running lights cannot replace dipped beam headlights while driving at night or through tunnels. The use of daytime

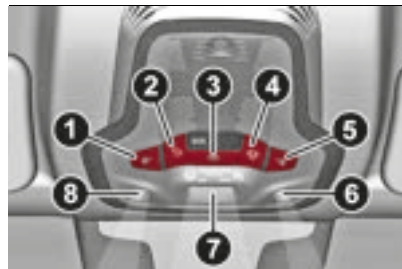
running lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.

INTERIOR LIGHTS

FRONT CEILING LIGHT

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

- switch (1) turns light on/off (8)
- switch (2) activates/deactivates the rear ceiling 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 on/off (6)



45

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WARNING Before getting out of the vehicle, make sure that the ceiling light bulbs are off; this will prevent the



ABC

conventional battery level from being uselessly drained once the doors are closed. In any case, if a light is left on by mistake, the ceiling light switches off automatically about 15 minutes after the engine has been switched off.

Ceiling light timing

On certain versions, to facilitate getting in/out of the car at night or in poorly-lit areas, two timed modes have been provided.

Timing while getting into the car

The ceiling lights switch on according to the following modes:

- for 3 minutes when the doors are unlocked;
- for about 3 minutes when one of the doors is opened;
- for 27 seconds when each individual door is closed and switch off simultaneously when the doors are locked.

Timing is interrupted when the ignition device is turned to ENGINE.

Three modes are provided for switching off:

- when all doors are closed, the three-minute timer will stop and a few-seconds one will start. This timing will stop when the ignition device is turned to ENGINE
- when doors are locked (either with remote control or with key inserted

on driver side door), the ceiling light switches off

- the interior lights are switched off in any case after 15 minutes to preserve the conventional battery charge

Timing while getting out of the vehicle

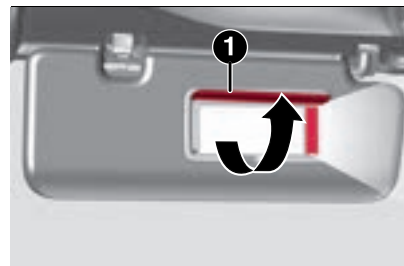
After positioning the ignition device to STOP, the ceiling lights switch on as follows:

- for a few seconds after the engine stops
- for about 3 minutes when one of the doors is opened
- for several seconds when one of the doors is closed

The timing stops automatically when the doors are locked.

Courtesy ceiling lights

Behind the driver and passenger sun visor (where provided) a courtesy light is located which illuminates the mirror behind the sun visor itself fig. 46.



46

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The courtesy light switches on automatically by lifting cover (1).

GLOVE COMPARTMENT LIGHT

This light comes on automatically when the glove compartment is opened and switches off when it is closed regardless of the ignition device status.

The light switches on/off regardless of the ignition device status.

INTERIOR AMBIENT LIGHTING

The brightness of the interior passenger compartment lights can be adjusted through the Alfa Connect with Navigator / Alfa Connect system.

To access the adjustment function, on the main menu select the following items in sequence: "Settings", "Lights" and "Interior Ambient Lighting". The brightness can be adjusted at seven levels.

Using the same menu, where provided, it is possible to set the colour of the ambient lights. Five colours are available: red, green, blue, yellow and Alfa white.

These colours have 7 different intensity levels as well as the interior ambient lights. The intensity of the lights can only be changed when in night mode. During the day, the interior ambient lights are automatically deactivated; on some versions/markets, where provided, the intensity is automatically set to the maximum value.

DOOR LIGHT

The door light is below the doors fig. 47. This light comes on automatically when the door is opened and switches off when it is closed regardless of the ignition device status.

The light switches on/off regardless of the ignition device status.



47

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REAR CEILING LIGHT

The rear ceiling lights buttons are activated or deactivated with button (2) fig. 45 of the front ceiling lights.



48

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□ switch (3) fig. 48 turns light on/off (2)

□ switch (4) turns light on/off (1)

The lights switch on when a door opened.

WARNING The light switches off automatically after a few minutes if a door is left open. To switch it on again, open another door or close and reopen the same door.

BOOT CEILING LIGHTS

The luggage compartment features two courtesy lights fig. 49.

These switch on automatically when the boot is opened and switch off when it is closed.



49

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The ceiling lights switch on/off regardless of the position of the ignition switch.

If the boot is left open, the lights will automatically switch off after 15 minutes to preserve the conventional battery life.

INSTRUMENT PANEL AND CONTROL BUTTON GRAPHIC BRIGHTNESS ADJUSTMENT

With side lights or headlights on, operate on the ring fig. 50 upwards to increase light brightness of the instrument panel and of the control button graphics, or turn the 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.



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WINDSCREEN WIPER

The right stalk controls screen wiper/washer operation.

This operates only with the ignition device at ENGINE.

WINDSCREEN WIPER/ WASHER

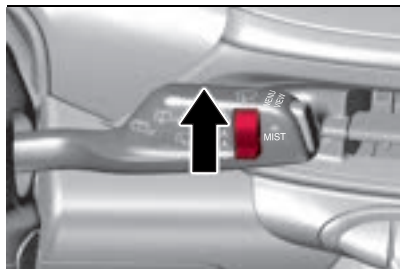
Operation



10) 11)

The ring fig. 51 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.



51

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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.

Rain sensor sensitivity level

Positions •A and •A correspond also to sensitivity level 1 and 2 of the rain sensor.

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 windscreen wiper cycle.

RAIN SENSOR

This is located behind the interior rear view mirror, in contact with the windscreen fig. 52 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.



52

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The sensor has an adjustment range which varies progressively from wiper still (no stroke) when the windscreen is dry, to wiper at 2nd continuous speed (fast continuous operation) with intense rain.

Activation



12) 13)

Turn the ring fig. 51 to position **A** or **A** to activate the rain sensor.

The activation of the sensor is signalled by a flick of the wiper (indicating that the command has been acquired).

The variation in sensitivity during rain sensor operation is also signalled by a flick of the wiper (command acquired and implemented). This stroke is also executed with the windscreen dry.

If the windscreen washer is used with the rain sensor activated, the normal washing cycle is performed, after which

the rain sensor resumes its normal automatic operation.

WARNING Keep the glass in the sensor area clean.

WARNING With the windscreen wiper ring turned to the **A** or **A** position, wiping operates automatically and is disabled when the external temperature is below 0°C.

Deactivation

Use ring fig. 51 or turn the ignition device to STOP.

In the event of malfunction of the rain sensor whilst it is active, the windscreen wiper operates intermittently at a speed consistent with the sensitivity setting of the rain sensor, regardless of whether there is rain on the glass, while sensor failure is indicated on the display.

The sensor continues to operate and it is possible to set the windscreen wiper to continuous mode **...** or **...**. The failure indication remains for as long as the sensor is active.

The rain sensor is able to recognise, and automatically adjust itself in the presence of the following conditions:

- ❑ presence of dirt on the controlled surface (e.g. salt, dirt, etc.)
- ❑ presence of streaks of water caused by the worn windscreen wiper blades

- ❑ difference between day and night



35)

REAR WINDOW WIPER/WASHER

Engaging reverse gear with the windscreen wiper operating activates a single cycle of the rear window wiper.

Moving the stalk fig. 51 (it only has unstable positions):

- ❑ *towards the instrument panel* activates the rear window washer (a brief push activates one washing cycle, keeping the stalk pushed washes continuously until the stalk is released);
- ❑ *downwards* (with reverse gear engaged) this activates/deactivates the **continuous** operation of the rear window wiper, regardless of the movement of the windscreen wiper;
- ❑ *downwards* (with reverse gear **not** engaged) this activates/deactivates **intermittent** operation (with actuating frequency of about 3 seconds) of the rear window wiper, regardless of the movement of the windscreen wiper.



IMPORTANT

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



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**WARNING**

10) *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 an Alfa Romeo Dealership.*

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

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

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

PROGRAMMING THE CLIMATE CONTROL SYSTEM

(Plug-In Hybrid Q4 version only)

The system provides two types of remote climate control system programming:

- ❑ timely start of the climate control system: this can be activated through the dedicated smartphone app (where provided). Refer to the "Connected Services - Alfa Connect with Navigator / Alfa Connect Services" chapter in the "Multimedia" section.
- ❑ Programming the climate control system with start time: This can be activated either through the dedicated

smartphone app (where provided) or by programming a start time using the Alfa Connect with Navigator / Alfa Connect system (see the "Vehicle mode" paragraph of the "Multimedia" section).

Failed climate control system programming messages

If the on-demand or programmed climate control system switch-on fails or ends early, dedicated messages will be displayed on the instrument panel display.

How to use the climate control system programming functions

Starting the climate control system

- ❑ Select the programming function on the dedicated app (where provided. Refer to the "Multimedia" section).
- ❑ The passenger compartment climate control system will remain active for 15 minutes unless the ignition device is pressed.
- ❑ This function can be activated twice after which it is necessary to turn the ignition device to ENGINE to allow turning on the climate control system app (where provided) on-demand again.
- ❑ If the ambient temperature is lower than 4.5 °C when the function is started, the electric defrosters (heated rear window, heated mirrors and heated windscreen where fitted) are also activated.

Programming the climate control system with start time

- ❑ Select a time to start climate control system programming using the Alfa Connect with Navigator / Alfa Connect system or the dedicated app (refer to the "Multimedia" section);
 - ❑ the passenger compartment climate control system will remain active unless the ignition device is pressed;
- The on-demand starting and programming of the climate control system can be successful in the following conditions:
- ❑ Doors closed
 - ❑ Bonnet closed
 - ❑ Boot closed
 - ❑ Hazard lights not active
 - ❑ Alarm not active
 - ❑ Adequate state of charge of the conventional battery
 - ❑ Ignition device in the STOP position
 - ❑ Transmission in P position
 - ❑ If the start on-demand function has not been activated twice
 - ❑ If the key is not inside the car (necessary condition for programming the climate control system with start time)

How to start climate control system programming

Select the programming function on the dedicated app (where provided. Refer to

the "Multimedia" section) to start the climate control system on-demand or select an climate control system programming start time on the Alfa Connect with Navigator / Alfa Connect system or dedicated app (refer to the "Multimedia" section).

The doors of the car will lock, the climate control system programming will start and the car will go into ENGINE mode. If the climate control system is started on-demand, the car will remain in ENGINE mode for 15 minutes; if the climate control system is programmed to start at a certain time, the car will remain in ENGINE mode.

NOTES

- ❑ In case of motor malfunction/fault, the climate control system programming will be disabled.
- ❑ For safety reasons, both when the climate control system is started on-demand or programmed with start time, the wipers are disabled when the function is active. For safety reasons, the windows are disabled when the climate control system is started on-demand.
- ❑ In case of activation of the climate control system on-demand, the sunroof and soft top are also disabled.
- ❑ Two 15-minute cycles of climate control system operation are possible after which the ignition device must

be turned to the ENGINE position to perform new start cycles.

How to finish programming the climate control system without driving the car

- ❑ If the climate control system starts up on time, select the end of charging function on the dedicated app (where provided. Refer to the "Multimedia" section) or wait for the end of the start cycle (about 15 minutes).
- ❑ In case of programming the climate control system with start time, finish charging through the programming function on the dedicated app (where provided. Refer to the "Multimedia" section).

How to stop climate control system programming and drive the car

Programming can be interrupted with time or start the climate control system on time by moving the ignition device to the START position.

CLIMATE CONTROL SYSTEM

SYSTEM MAINTENANCE



In winter, the climate control system must be turned on at least once a month for about 10 minutes.

Have the system inspected at an Alfa Romeo Dealership before the summer.



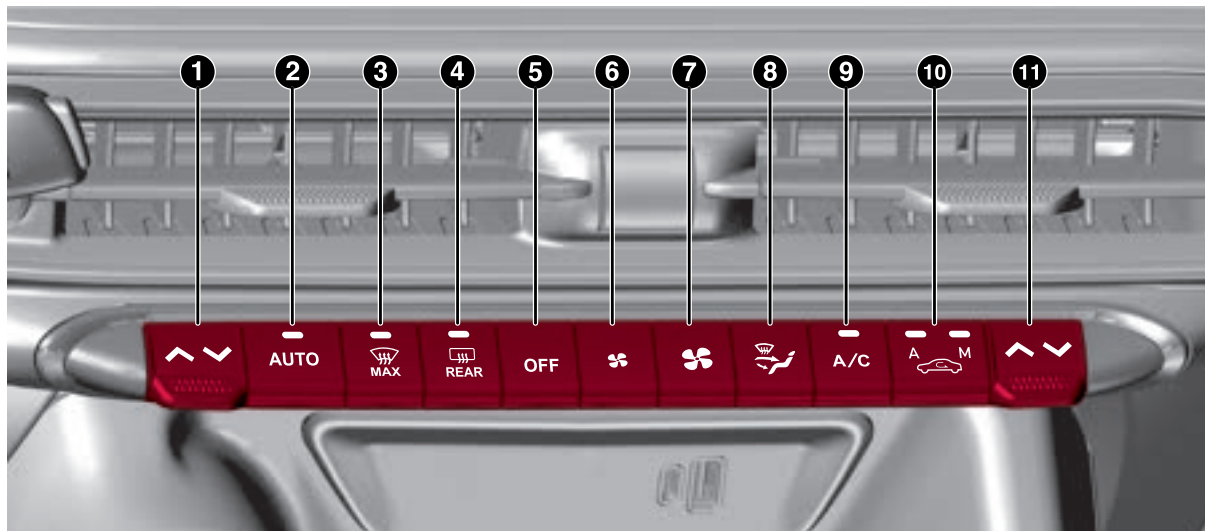
WARNING

14) The type of coolant is indicated on a plate under the bonnet.



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AUTOMATIC DUAL-ZONE CLIMATE CONTROL SYSTEM CONTROLS ON THE CLIMATE CONTROL FRONT PANEL



53

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Controls

- 1 - driver required temperature up/down button
- 2 - AUTO function activation button (automatic operation)
- 3 - rapid window defrosting/demisting on/off button
- 4 - heated rear window on/off button
- 5 - climate control system on/off button
- 6 - fan speed down button
- 7 - fan speed up button
- 8 - air selector for windscreen and front side windows / central and side dashboard diffusers / footwell air
- 9 - air conditioning compressor on/off button
- 10 - internal air recirculation on/off button (M) / automatic recirculation (A)
- 11 - passenger required temperature up/down button

Operation

The automatic dual-zone climate control system regulates the air temperatures in the passenger compartment in two zones: driver side and passenger side.

The system maintains comfort inside the passenger compartment and compensates for possible variations in outside weather conditions.

The automatically controlled parameters and functions are:

- ❑ air temperature at the driver/front

passenger side vents

- ❑ air distribution at the vents
- ❑ fan speed (continuous variation of the air flow)
- ❑ compressor engagement (for cooling/dehumidifying the air)
- ❑ air recirculation

All these functions can be adjusted manually by operating the system and selecting one or more functions and modifying their parameters.

The temperature of the air sent is always automatically controlled according to the temperature set on the display (except for when the system is off or in certain conditions when the compressor is not running).

Notes

The reference temperature is 22°C for optimal comfort management.

Do not apply stickers to the inside of the heated rear window over the heating filaments, to avoid damage that might cause them to stop working properly.

Internal air recirculation makes it possible to reach the required ("heating" or "cooling") conditions more quickly depending on the mode selected. Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting inside.

The dual zone automatic climate control manages the Start&Stop system (engine off and vehicle at a standstill) (for versions/markets, where provided) in order to guarantee sufficient comfort inside the car.

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

Start&Stop

(for versions/markets, where provided)

The automatic dual-zone climate control system manages the Start&Stop system (engine off and car at a standstill) in order to guarantee sufficient comfort inside the car.

In particular, the climate control system deactivates the Start&Stop if:

- ❑ the climate control system is in AUTO mode (LED on the AUTO button switched on) and the temperature conditions inside the car are far from a comfort temperature
- ❑ the climate control system is in MAX A/C
- ❑ the climate control system is in the MAX DEF status

With Start&Stop function on (engine off and car stopped), the flow is reduced



ABC

to keep the passenger compartment comfort conditions for longer.

The climate control system control unit attempts to manage the decreased comfort caused by stopping the engine as far as possible (switching off the compressor and engine coolant pump). It is however possible (for versions/markets where provided) to prioritise air conditioning operation by deactivating the Start&Stop system, by pressing the  button (where provided) on the central tunnel.

In particularly severe climate conditions it is recommended to limit the use of the Start&Stop system to prevent the compressor from continuously switching on and off, with consequent rapid misting of the windows and accumulation of humidity with unpleasant smells in the passenger compartment.

Hybrid version

The automatic dual-zone climate control system manages the hybrid system (heat engine off when driving or car at a standstill) in order to guarantee sufficient comfort inside the passenger compartment.

In particular, the automatic dual-zone climate control system inhibits the turning off of the heat engine if:

- ❑ the climatic conditions inside the

passenger compartment are far from a comfort condition

- ❑ maximum cooling has been activated (MAX A/C function or LO temperature request)
- ❑ rapid window defrosting/de-misting was turned on (MAX-DEF operation)

ELECTRIC WINDOWS



They work with the ignition device in the ENGINE position and for about three minutes after the ignition device has been turned to the STOP position. When one of the front doors is opened this operation is disabled.

The electric window control buttons are located on the armrest of the door panel and activate fig. 54:

- (1) Opening/closing of the left window.
- (2) Opening/closing of the right window.
- (3) Opening/closing of the left rear door window.
- (4) Opening/closing of the right rear door window.



54

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Press and hold the button for a few seconds and the window winds down automatically. Raise the button for a few seconds and the window winds up automatically.

WINDOW OPENING/CLOSING BY MEANS OF AN ELECTRONIC KEY

On some versions, the windows can be opened/closed by holding the unlock () / lock () buttons pressed, respectively.

ANTI-PINCH DEVICE

According to the versions, the car is equipped with an anti-pinch safety function for the raising of the front and rear 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 device is activated the window travel is immediately interrupted. Then the window stroke is automatically inverted.



38)

ELECTRIC WINDOWS SYSTEM INITIALISATION

If power supply is interrupted when the window is moving, the electric window automatic operation must be reinitialised. The initialisation procedure described below must be carried out with the doors closed and for each door:

- ❑ fully close the window to be initialised, with manual operation
- ❑ after the window has reached the upper end of travel, hold the up button down for at least 3 seconds



IMPORTANT

36) Improper use of the electric windows can be dangerous. Before and during their operation, ensure that any passengers are not at risk from the moving glass either

by personal objects getting caught in the mechanism or by being hit by it directly.

37) When leaving the car, always set the ignition device in the STOP position and take the electronic key with you to avoid the risk of injury of people still on board due to accidental operation of the power windows.

38) If the anti-pinch protection intervenes three consecutive times in one 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 respective window must be wound down.

ELECTRIC SUNROOF

(where provided)



39)

The electric sunroof includes a mobile glass panel provided with an electrically operated sun blind.

The sun roof can only operated with the ignition device at START.

The sun roof has three preset positions: fully closed; comfort (intermediate opening) fully open.

WARNING You cannot have the blind closed when the roof is open.

OPENING

Press the button (1) fig. 55 at the word **OPEN**: the roof will open to the comfort position. A second press will open it fully.

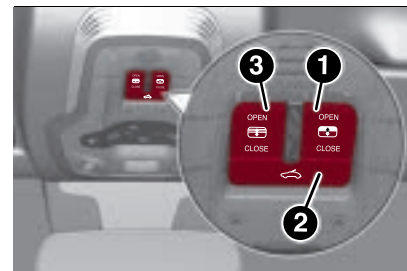
A long press of the same button will open the roof until it is released, or if held down, until it reaches the comfort position. Use the button in the same way to open the roof fully from that position.



15)

The automatic motion can be interrupted in any position by pressing button (1) again.

If the electric blind is closed, the roof opening control opens it too.



55

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CLOSING

From the fully open position, press the button (1) at the word **CLOSE**: the roof will close completely.

A long press of the same button moves the roof until it is released.

The automatic motion can be interrupted in any position by pressing button (1) again.



ABC

SWIVEL OPENING

To bring the roof into "swivel" position, press and release button (2) fig. 55. This type of swivel opening can be activated irrespective of the position of the sun roof. When starting with the roof in closed position, pressing the button automatically causes its swivel-opening. If the roof is already open, pressing the button will open it to the swivel position. Press button (2) again during automatic opening or closing to stop movement of the sunroof.

SUN BLIND ELECTRIC MOVEMENT

The sun blind is electrically operated. Press the button (3) fig. 55 at the word **OPEN** to open the sun blind.

Press the button (3) at the word **CLOSE** to close the sun blind.

The automatic motion can be interrupted in any position by pressing button (3) again.

If the roof is open, the sun blind closing control will also close the roof.

ANTI-PINCH DEVICE

The sunroof has an anti-pinch safety system capable of detecting the presence of an obstacle during the closing movement: if this happens, the system intervenes and the movement of the roof is immediately reversed into opening.

INITIALISATION PROCEDURE

Automatic operation of the sunroof must be initialised again in case of faulty sunroof operation.

WARNING The anti-pinch safety function is deactivated during the initialisation procedure.

Proceed as follows:

- ❑ Set the ignition device to START and start the engine
- ❑ press the button (1) at the word **CLOSE** to bring the roof to the fully closed position
- ❑ open the driver side door
- ❑ turn the ignition device to the STOP position
- ❑ within 5 seconds, set the ignition device to START and start the engine
- ❑ within 10 seconds press the button (1) at the word **CLOSE** and hold it down; after 10 seconds you will hear the electric motors of the roof and blind stop in sequence
- ❑ release the button and within 5 seconds press the button (1) at the word **CLOSE** and hold it down (until the end of the cycle): the roof will automatically perform a complete open and close cycle including both the window and the blind (to indicate that the initialisation has been successful). If this does not occur, the procedure must be restarted from the beginning

- ❑ check that the re-initialisation operation was successful by checking the "one touch" function of the window and blind



IMPORTANT

39) When leaving the car, make sure to take the key with you to avoid the risk of injury to those still inside the car due to accidental operation of the sunroof. Improper use of the roof can be dangerous. Before and during operation, always check that no-one is exposed to the risk of being injured by the moving sunroof or by objects getting caught or hit by it.



WARNING

15) Do not open the sun roof if a roof rack or crossbars are fitted. Do not open the sun roof if there is snow or ice on it: you may damage it.

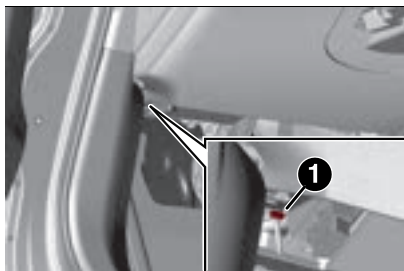
BONNET

 40) 41) 42)

OPENING

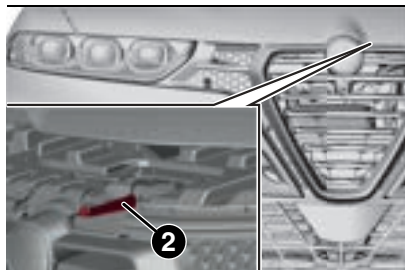
Proceed as follows:

- ❑ pull the lever (1) fig. 56 in the direction indicated by the arrow
- ❑ move the lever (2) leftwards as shown in fig. 57
- ❑ raise the bonnet completely: the operation is facilitated by the presence of two gas springs which hold it the all open position



56

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57

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CLOSING

To close, lower the bonnet to approximately 20 centimetres from the motor compartment then let it drop. 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.

IMPORTANT Always check that the bonnet is closed correctly to prevent it from opening while the vehicle is travelling.



IMPORTANT

40) Be very careful not to allow scarves, neck ties and other loose articles of clothing from touching, even accidentally, any moving parts. This may cause the clothing to be pulled into the part, resulting in serious risk to the wearer.

41) 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.

42) Use both hands to lift the bonnet. Before lifting, check that the windscreen wiper arms are not raised from the windscreen, that the car is stationary and that the parking brake is applied.

TAILGATE

MANUAL OPENING TAILGATE

 43)

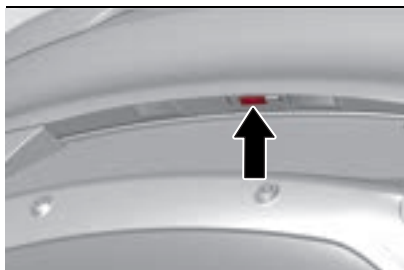
The boot unlocking is electrically operated and is deactivated when the car is in motion.

Opening

When unlocked, the boot can be opened from outside the car using the power handle fig. 58 until the unlocking click is heard or quickly pressing twice the button  on the remote control.



ABC



58

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Closing

To close the boot, grasp the handle positioned in the lower part of the tailgate.

WARNING Before closing the boot make sure that you have the keys, since the boot is automatically locked.

ELECTRICALLY ACTUATED TAILGATE (where provided)

Always exercise extreme caution before activating the tailgate.

The safe opening and closing of the tailgate is guaranteed by a protection system that can automatically stop its movement when it encounters an obstacle while opening or closing.

WARNING Frequent activation of the safety function can disable the automatic movement of the tailgate. To reactivate the electrical operation of the tailgate, perform a reset cycle

by performing a complete open/close sequence, after manually closing it. When the car is moving, tailgate unlocking and movement are disabled. To avoid difficulties in tight spaces, you can set the height at which to block the tailgate open.

Customising the tailgate opening height

To customise the tailgate opening position, proceed as described below:

- open the tailgate
- manually move it to the position that you want to store
- press the button (3) fig. 61 for at least 3 seconds (successful activation is indicated by the direction indicators flashing three times)

The tailgate is now programmed to open to the set position.

This function can be selected by using the Alfa Connect with Navigator / Alfa Connect system.

Setting the tailgate opening height to a preset position (where provided)

To set the tailgate opening height to one of the four preset positions, proceed as follows:

- activate the Main menu on the Alfa Connect with Navigator / Alfa Connect system and select the following

functions in sequence: "Settings", "Doors & Locks" and "Electric Tailgate"

- select one of the four pre-set positions and then press the graphic button to activate the selected position.

OPENING

WARNING When the tailgate is in motion, the acoustic signal is active if it is enabled (for more information see the "Settings" menu, after pressing the graphic button "Vehicle" in the "Multimedia" section)

Opening from the outside

When unlocked, you can open the tailgate from outside the car by pressing the electric opening button located between the number plate lights for about one second until you hear the unlocking click, or by pressing the button  on the remote control twice quickly.

When the tailgate is opened, the direction indicators are illuminated, the interior lights are switched on (which can be deactivated using the Alfa Connect with Navigator / Alfa Connect system settings) and the lights are automatically switched off when the tailgate is closed.

The lights switch off automatically after a few minutes if the tailgate is left open.

Opening from the inside

When it is locked, the tailgate can be opened from inside the car by lifting the

button (1) fig. 59 on the lower left part of the steering wheel.

WARNING You can stop the tailgate moving by pressing the same button again.



59

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EMERGENCY OPENING FROM INSIDE THE BOOT

(where provided)

According to the version, there may be a flap fig. 60 inside the boot (accessible by folding the rear seat back), next to the tailgate lock, which allows access to the manual lock opening cord.

Pull the cord to release the lock: the tailgate can now be lifted manually.



60

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CLOSING

Closing from outside

It is possible to close the tailgate by pressing:

- ❑ the button (2) fig. 61 (where provided) on the tailgate interior lining
- ❑ the button (3) (where provided) on the tailgate interior trim, (all the doors, including the tailgate, will be locked)
- ❑ the  button on the remote control twice quickly
- ❑ the button fig. 58 on the tailgate, between the number plate lights



61

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WARNING It is possible to stop the tailgate moving with any of the close buttons.

WARNING Before closing the boot make sure that you have the keys, since the boot is automatically locked. If the keys are in the boot, the boot is closed but the tailgate is not locked (3) fig. 61 (where provided), if the keys are in the boot, the boot will be closed but the tailgate will not be locked.

Closing from inside

Press the button (1) fig. 59 on the plate on the driver's door panel and hold it down until the operation is complete.

When the tailgate is closed a warning sounds (can be deactivated using the Alfa Connect with Navigator / Alfa Connect system settings).

WARNING It is possible to stop the tailgate moving by releasing the button.



ABC

AUTOMATICALLY OPENING AND CLOSING THE ELECTRICALLY OPERATED TAILGATE IN "HANDS-FREE" MODE

(where provided)

WARNING Operation of the "Hands-Free" system is not compatible with the tow hook installation. Therefore, the "Hands-Free" system must be removed if you wish to install the tow hook after purchasing the car.

To operate the system in "hands-free" mode, proceed as follows:

- ❑ if the doors are locked or unlocked, the system must recognise the electronic key fob near the tailgate
- ❑ go to the rear of the car, in the centre and about 50 cm from the tailgate
- ❑ move your foot under the bumper, simulating a kick as shown at fig. 62 and retract your leg when you have completed the movement



62

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If it is closed, the electrically operated/hands-free tailgate:

- ❑ unlocks and opens completely
- ❑ with another movement of the foot, it stops
- ❑ a further movement of the foot reverses the direction and closes the tailgate completely, if you do not stop it again

If it is open, with a movement of the foot, the electrically operated/hands-free tailgate:

- ❑ it closes completely
- ❑ another movement of the foot before it closes completely will stop it
- ❑ if the tailgate was stopped, another movement of the foot reverses the direction and opens it completely

You can activate/deactivate the automatic tailgate opening and closing function in hands-free mode on the Alfa Connect with Navigator / Alfa Connect system by activating the Main menu and selecting the following items in sequence: "Settings", "Doors and Locks" and "Automatic tailgate opening".

WARNING Before lifting the foot off the ground, make sure that you are in stable position. Do not touch any part of the car. There is a risk of injury from touching, for example, the very hot exhaust system.

WARNING To safeguard the charge of the conventional battery, avoid

repeatedly performing this operation while the engine is stopped.

WARNING To prevent accidentally opening the tailgate when washing the car at a car wash station or using a high-pressure cleaner, use the Alfa Connect with Navigator / Alfa Connect system to disable the "Automatic tailgate opening" function.

TAILGATE INITIALISATION

WARNING If the conventional battery is disconnected or the protective fuse blows, the tailgate opening/closing mechanism must be reinitialised as follows:

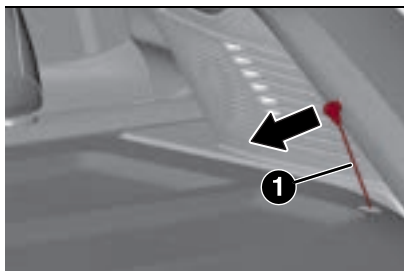
- ❑ close the tailgate manually (if left open before disconnecting the battery)
- ❑ perform the tailgate opening/closing sequence in electrical mode

LUGGAGE COMPARTMENT SPECIFICATIONS

Removable rear shelf

Proceed as follows to remove the rear shelf:

1. Disconnect the two rods (1) fig. 63 that support the shelf at the eyelets.



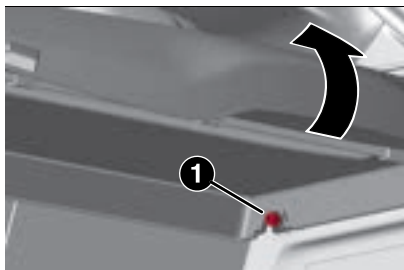
63

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2. Through an open rear door, lift the part of the rear shelf closest to the rear seats and pull it out of the pins (1) fig. 64.

3. Remove the rear shelf by pulling it out of the rear door.

4. The rear shelf can be stowed in the load compartment or behind the front seat backrests.

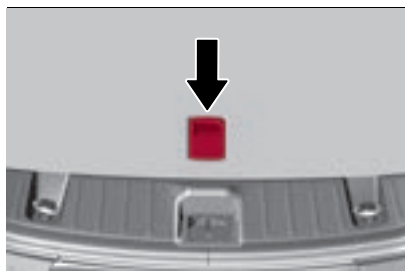


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Accessing the Fix&Go kit

To access the Fix&Go kit (for its use, see chapter "In an emergency"), lift the load surface upwards fig. 65.



65

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Reconfigurable load platform

The load platform can be adjusted to three different levels to create more space in the load compartment.

NOTE The lower position cannot be used if the space-saver wheel is in the spare wheel compartment.

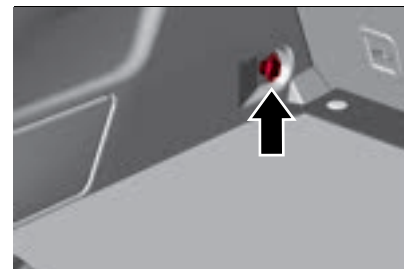
To change the level of the load platform, pull upward on the load platform handle, pull the floor outward, and place the back of the platform into the desired position. Lower the front of the platform into place.

WARNING The maximum load on the roof rack is 110 kg.

Anchoring your load

The load anchorage rings located on the lining panels fig. 66 and fig. 67 must be used to secure loads during travel.

 44) 45) 46)



66

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67

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Luggage retaining net

This is useful for correctly arranging the load and/or for transporting light materials.

The cargo net is available from the Alfa Romeo Dealership.



ABC

Emergency kit (where provided)

Inside the kit are a fire extinguisher and a first-aid bag.



IMPORTANT

43) Be careful not to hit objects on the roof rack when you open the tailgate.

44) Cargo tie-down hooks are not safe anchors for a child seat tether strap. In a sudden stop or accident, a tie-down could pull loose and allow the child seat to come loose. A child could be badly injured. Use only the anchors provided for child seat tethers.

45) To help protect against personal injury, passengers should not be seated in the rear cargo area. The rear cargo space is intended for load carrying purposes only, not for passengers, who should sit in seats and use seat belts.

46) The weight and position of cargo and passengers can change the vehicle center of gravity and vehicle handling. To avoid loss of control resulting in personal injury, follow these guidelines for loading your vehicle: Do not carry loads that exceed the load limits described on the sticker attached to the left door or left door center pillar. Always place cargo evenly on the cargo floor. Put heavier objects as low and as far forward as possible. Place as much cargo as possible in front of the rear axle. Too much weight or improperly placed weight over or behind the rear axle can cause the vehicle to sway. Do not pile luggage or cargo higher than

the top of the seatback. This could impair visibility or become a dangerous projectile in a sudden stop or accident.

INTERIOR FITTINGS

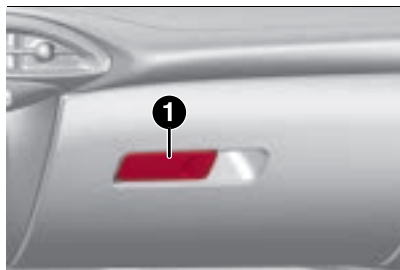
STORAGE COMPARTMENTS



47)

Lower compartment

To open the bottom drawer, pull the lever (1) fig. 68. The flap opens down automatically.



68

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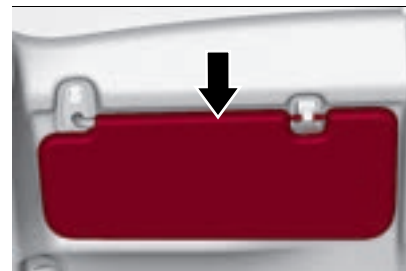
SUN VISORS

They are located at the sides of the interior rear-view mirror (fig. 69).

They can be adjusted forwards and sideways.

To direct the visor laterally, detach the visor from the interior rear-view mirror side support and turn it towards the side window.

Courtesy mirrors are located on the back of the sun visors.



69

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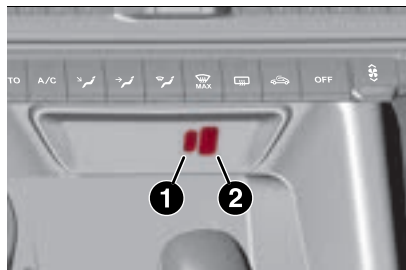
WARNING On both sides of the passenger side sun visor there is a label advising that it is compulsory to deactivate the airbag if a rear facing child restraint system is fitted. Always comply with the instructions on the sun visor (see the "Supplementary Restraint System (SRS) - Airbag" chapter in the "Safety" section).

USB INPUTS

(where provided)

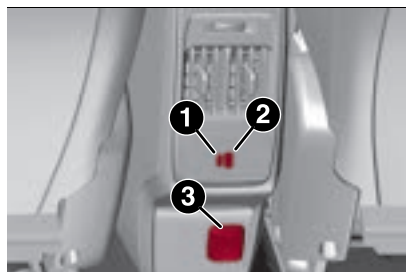
The vehicle has USB data & charge ports type A+C located on the central dashboard, (1) and (2) fig. 70, for versions/markets where provided, other two USB ports type A+C for recharge only on the back of the central console under the air vents, (1) and (2) fig. 71.

Both Type C ports, for versions/markets where provided, are Power Delivery 3.0, providing very fast charging, up to 40W.



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71

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WARNING After using a USB charging port, we recommend disconnecting the device (smartphone), always removing the cable from the port of the car first, never from the device. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.

NOTE The USB port handles data transmission from the Pen Drive/Smartphone, etc. and slow recharging of an external device, which is not guaranteed as it depends on the device type/brand.

12V POWER SOCKET

(where provided)



48) 49)



16) 17) 18) 19)

Up to two 12V sockets can be available on the car, operating only with the starter in ENGINE position.

One socket is located on the central console: to use it, open the cap (3) fig. 71.

A second socket is instead located in the boot fig. 72.



72

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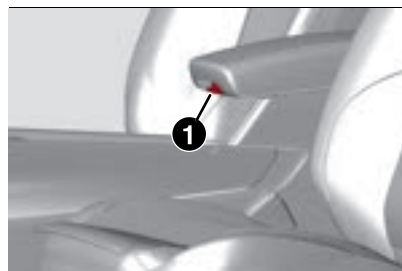
WARNING Do not connect devices with powers higher than 180W to the socket. Do not damage the socket by using unsuitable adaptors.

FRONT ARMREST

(where provided)

There may be an armrest with integrated storage compartment between the front seats.

To access the compartment, pull the lever upwards (1) fig. 73 and lift the armrest.

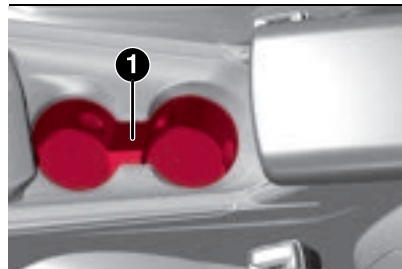


73

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CUP HOLDERS / CANS AND HOLDERS

Two cup/can holders are available in the central tunnel (1) fig. 74.



74

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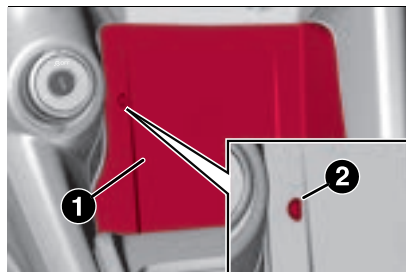


ABC

WIRELESS CHARGING SYSTEM- WCPM (Wireless Charge Pad Module)

(where provided)

The wireless charger system is activated automatically when a mobile phone Qi® standard compatible is placed in the storage compartment (1) in fig. 75 on the central tunnel.



75

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

The Wireless Charging System is enabled for charging when the car is in the driving condition.

By interacting with the wireless charger system and placing the mobile phone in the specific housing, the user will be informed by means from LED (2) indicating the state of the wireless charging system:

- "Your phone is being charged" blue

LED: this is displayed when the mobile phone is positioned correctly in the wireless charging compartment and the system is activated correctly

- "Phone fully charged" green LED: this is displayed when the mobile phone has completed charging its battery (if suitable to transmit the information)
 - "Object not allowed" red LED: this is displayed when an object that is not permitted (e.g. the ignition key) is placed (e.g. ignition key, credit card, a coin)
 - "System error" red LED: this appears when there is a malfunction in the wireless charger system
 - "System not active" LED off: there are no devices compatible with Qi® standard in the compartment and/or the ignition device of the car in the OFF position and/or the doors are not all closed correctly and the engine is not on
- WARNING** Do not place contactless cards (RFID), credit cards or metal objects in the charging compartment. The presence of an active NFC function on a smartphone could signal a malfunction.

WARNING Not all mobile phone covers guarantee the correct charging of the phone. Check that charging is in progress after having placed the phone in the charging compartment.

NOTE The use of multiple wireless functions on the smartphone at the same time (Apple CarPlay/Android Auto and wireless charging), as indicated by the smartphone manufacturers, could cause it to overheat, resulting in a limitation of the active functions or its turning off. In this case, it is recommended to connect the system using the USB socket.

Correct positioning of the mobile phone

To start wireless charging correctly, make sure the mobile phone is positioned as shown in fig. 76 with the display facing up, and that the device does not cover the alert LED.

Correct positioning: place the device within the designated area delimited in the mat as in fig. 76.



76

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IMPORTANT

47) Do not travel with the storage compartments open: they may injure the front seat occupants in the event of an accident.

48) To prevent serious injury or death: Only devices designed for use in this type of socket should be inserted into any 12 Volt socket. Do not touch the power socket with wet hands. Close the lid when not in use and while driving the car. If this socket is mishandled it may cause an electric shock and failure.

49) To prevent serious injury or death: Do not insert objects into the sockets. Do not touch the power socket with wet hands. Close the lid when the device is not in use. If this socket is mishandled it may cause an electric shock and failure.



WARNING

16) Accessories connected to the power sockets of the car draw current from the conventional battery even when not in use (e.g. mobile phones, etc.). These devices, if left connected too much time with engine off, may cause the conventional battery to drain with following reduction of its life and/or failure to start the engine.

17) Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.), will degrade the conventional battery even more quickly. Only use these intermittently and with great caution.

18) After the use of high power draw accessories, or long periods of the car not being started (with accessories still plugged in), the car must be driven a sufficient length of time to allow the alternator to recharge the conventional battery of the car.

19) Power sockets are designed for accessory plugs only. Do not insert any other object in the power sockets as this will damage the socket or blow the fuse. Improper use of the power socket can cause damage not covered by your limited warranty of the new car.

ROOF RACK/SKI RACK



50) 51)



20) 21) 22)

DESCRIPTION

On some versions, the car might be equipped with two longitudinal bars which, with the addition of special accessories, can be used to carry various objects (e.g. skis, surfboards, etc.).

Installation of transversal bars

The crossbars can only be installed when the longitudinal bars are present.

Refer to the installation instructions attached to the transversal bars. For more information, contact an Alfa Romeo Dealership.



IMPORTANT

50) Before driving, make sure that the transversal bars have been fitted properly.

51) Additional roof racks do not increase the total load capacity of the car. Make sure that the gross weight of the occupants and of the load inside the car, plus the load on the roof rack, does not exceed the maximum load capacity of the car.



WARNING

20) The use of transversal bars on longitudinal ones prevents the use of the sunroof, because the latter, while opening, interferes with the bars. Therefore do not move the sunroof if transversal bars have been fitted.

21) Never exceed the maximum permitted loads (see the "Weights" paragraph in the "Technical specifications" chapter).

22) Fully comply with the regulations in force concerning maximum clearance.



ABC

ENVIRONMENTAL PROTECTION SYSTEMS



52)

PETROL VERSIONS

The systems used for reducing petrol engine emissions are: catalytic converter, lambda sensors, fuel evaporation control system and GPF particulate filter (where provided).

DIESEL VERSIONS

The systems used for reducing diesel engine emissions are: exhaust gas recirculation system (EGR), oxidising catalytic converter (DOC), selective nitrogen oxide catalytic converter with AdBlue® (SCR) (where provided) and particulate filter (DPF).

GASOLINE PARTICULATE FILTER (GPF) (where provided)

The Gasoline Particulate Filter is a mechanical filter, integral to the exhaust system, that physically traps carbon particles present in the exhaust gases. Since this filter physically traps particulate, it should be periodically regenerated (cleaned) at regular intervals by burning carbon particles.

Driving performance of the car at slow speed may worsen slightly during regeneration.

These are not faults; they do not impair normal car performance or damage the

environment. If the dedicated message is displayed, see contents of "Warning lights and messages" paragraph, in chapter "Knowing the instrument panel".

DIESEL PARTICULATE FILTER (DPF)

The Diesel Particulate Filter is a mechanical filter, integral to the exhaust system, that physically traps carbon particles present in the exhaust gases of diesel engines.

The Diesel particulate filter is needed to eliminate almost all carbon particle emissions in compliance with current/future regulations and standards.

During standard use of the car, the engine control unit records a set of data (e.g.: travel time, type of route, temperatures, etc.) and it will then calculate how much particulate has been trapped by the filter.

Since this filter physically traps particulate, it should be periodically regenerated (cleaned) at regular intervals by burning carbon particles.

The regeneration procedure is controlled automatically by the engine control unit according to the filter conditions and car use conditions.

During the regeneration there may be a limited increase in the engine idle speed, fan activation, a limited increase

in fumes and high temperatures at the exhaust.

These are not faults; they do not impair normal car performance or damage the environment. If the dedicated message is displayed, see contents of "Warning lights and messages" paragraph, in chapter "Knowing the instrument panel".



IMPORTANT

52) *The catalytic converter and particulate filter (DPF) reach very high temperatures during operation. Therefore do not park the vehicle on flammable materials (e.g. grass, dry leaves, pine needles, etc.): fire hazard.*



KNOWING THE INSTRUMENT PANEL

EOBD SYSTEM (European On Board Diagnosis)	62
INSTRUMENT PANEL FEATURES	63
DISPLAY	67
TRIP COMPUTER	75
TRIP SUMMARY	76
WARNING LIGHTS AND MESSAGES	77

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

EOBD SYSTEM (European On Board Diagnosis)

(where provided)

OPERATION

The EOBD (European On Board Diagnosis) system continuously diagnoses emission-related components on the vehicle and the automatic transmission control system (for versions/markets, where applicable).

It also alerts the driver, by switching on the  warning light on the instrument panel, when these components are no longer in peak condition (see the instructions in the "Warning lights and messages" chapter in this section).

The aim of the EOBD system (European On Board Diagnosis) is to:

- ❑ monitor system efficiency
- ❑ indicate an increase in emissions
- ❑ indicate the need to replace damaged components

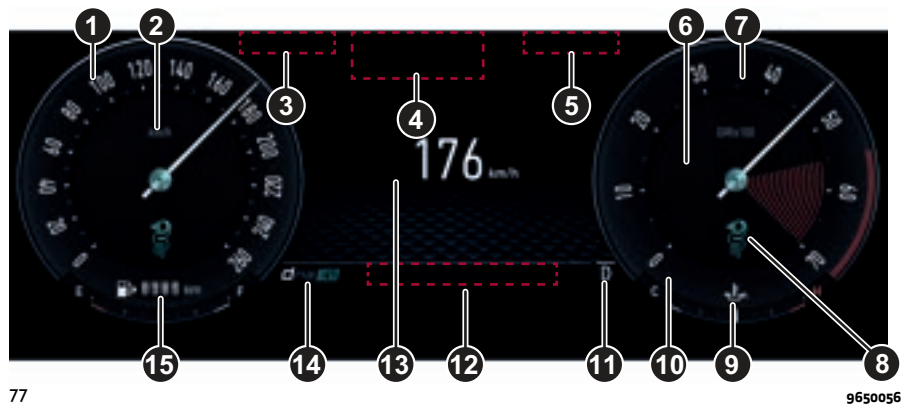
The car also has a connector, which can interface with appropriate tools, that makes it possible to read the error codes stored in the electronic control units together with a series of specific parameters for engine operation and diagnosis. This check can also be carried out by the traffic police.

WARNING After eliminating a fault, to check the system completely, the Alfa

Romeo Dealership is obliged to run tests and, if necessary, road tests which may also require a long journey.

INSTRUMENT PANEL FEATURES

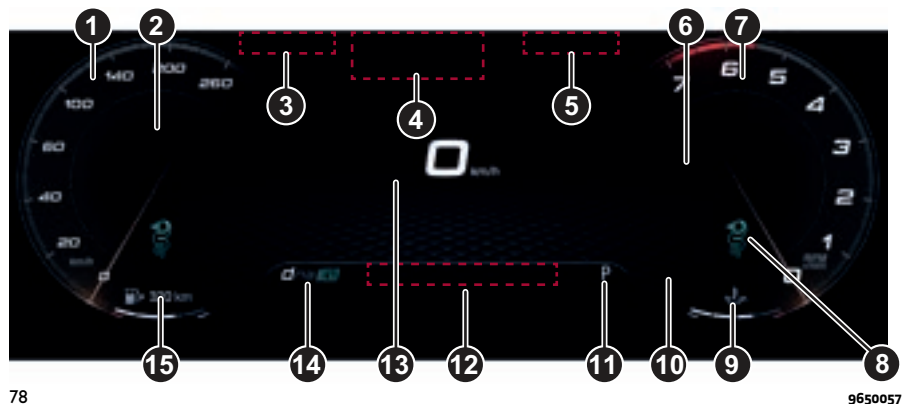
"HERITAGE" DISPLAY



77

9650056

"EVOLVED" DISPLAY



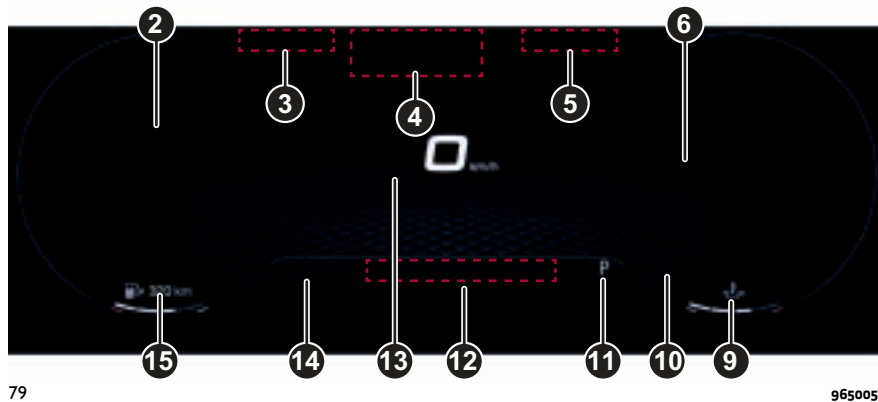
78

9650057



ABC

"RELAX" DISPLAY



NOTE The "Heritage", "Evolved" and "Relax" views can be set by pressing the "MENU VIEW" button on the right-hand shift paddle.

DESCRIPTION OF THE INSTRUMENT PANEL

1 Speedometer (excluding "Relax" display)

2 Indications of the driving assistance systems, customisable notification area (only "Relax" display), second instantaneous speed display (only "Relax" display)

Refer to the "Safety" and "Starting and driving" sections for more information

3 Customisable notification area, main beam/dipped beam, side lights, rear fog lights icons, second instantaneous speed display (only "Evolved" display)

4 (Hybrid and Plug-In Hybrid Q4 versions only), driving assistance system notification icons

5 "READY" icon (Hybrid and Plug-In Hybrid Q4 versions only), customisable notification area, heat engine torque limitation notification

6 Customisable and notification area with pop-ups

7 Tachometer (Diesel/Petrol and Hybrid versions), tachometer with Charge/Power indicator (Plug-In Hybrid Q4 version - depending on driving mode) (excluding "Relax" display)

8 Electric drive mode indication (Plug-In Hybrid Q4 version)

9 Digital heat engine oil temperature indicator, high-voltage battery charge

level indicator (Plug-In Hybrid Q4 version only - depending on driving mode)

10 Notification icon display area

11 Gear shift indicator (GSI)

12 Menu title, screen navigation indications (e.g.: reset counters, customisation of information display, etc.)

13 Main screen with driving assistance system notifications

14 Operating mode display: EV (Hybrid and Plug-In Hybrid Q4 versions only), Dynamic, Natural, Advanced Efficiency

15 Digital fuel level gauge, indications of the SBA (Seat Belt Alert) system, iTPMS (indirect Tyre Pressure Monitoring System) notification icon

NOTE The warning lights come on to check their operation whenever the engine is started.

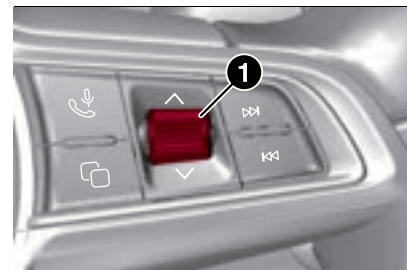
NOTE After checking the icons for LKA (Lane Keeping Assist)/DAA (Driver Attention Assist)/TSR (Traffic Sign Recognition) (for versions/markets, where provided) (see the "Warning lights and messages" chapter in this section) it will be necessary to wait a few seconds before being able to change the instrument panel display by pressing the "MENU VIEW" button.

SPEEDOMETER

The instantaneous speed of the car (in km/h or mph) is displayed as a number in this position also be displayed at the top of the display (4) fig. 77, fig. 78, or (2) fig. 79, or in the central area (13).

NOTE In the "Natural" driving mode, only the instantaneous speed, minimum speed (0 km/h) and maximum speed at full scale are displayed on the scale. The colour of the speedometer may vary depending on the driving mode set (Dynamic, Natural, Advanced Efficiency).

Press the ring (1) fig. 80 to change the unit of measurement of the numerical tachometer from km/h to mph and vice versa.



80

9650766

TACHOMETER

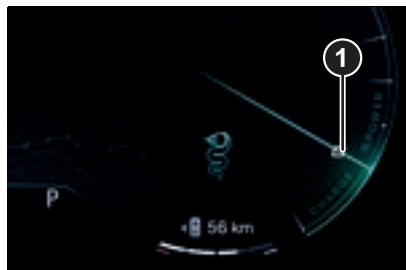
This indicates the instantaneous speed of the heat engine in rpm. X 1000 or X 100.



ABC

NOTE In the "Natural" driving mode, only the instantaneous speed, minimum speed (0 rpm) and maximum speed at full scale are displayed on the scale. The indicator colour may vary depending on the driving mode set (Dynamic, Natural, Advanced Efficiency).

WARNING Plug-In Hybrid Q4 version only: the charging zone (1) fig. 81 is only displayed in the "Advanced Efficiency" driving mode.



81

9650059

DIGITAL FUEL LEVEL GAUGE

The digital gauge shows the level of fuel still available in the tank and the estimated range. The triangle to the side of the symbol indicates the side of the car with the fuel filler.

The warning light  turns yellow when the level has reached the fuel reserve.

The indications next to the graphic scale indicate the amount of fuel:

□ **F** (Full) = full tank

□ **E** (Empty) = empty tank

WARNING If the reserve switches on, refuel at the earliest opportunity.

WARNING Do not travel with the fuel tank almost empty: possible gaps in fuel supply could damage the catalytic converter. **On Plug-In Hybrid Q4 version**, it may be impossible to start the vehicle when the fuel runs out, even if there is remaining electrical range.

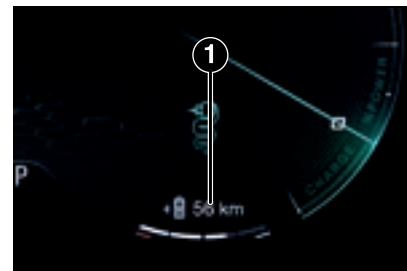
HEAT ENGINE OIL TEMPERATURE GAUGE

This indicates the temperature of the heat engine lubrication oil. When the temperature is too high, the icon  and the indicator turn red.

DIGITAL AUXILIARY BATTERY CHARGE LEVEL INDICATOR

(Plug-In Hybrid Q4 version in "Natural" and "Advanced Efficiency" modes)

The digital indicator (1) fig. 82 shows the charge level of the auxiliary battery of the hybrid system (e.g. with the "Evolved" view).



82

9650024

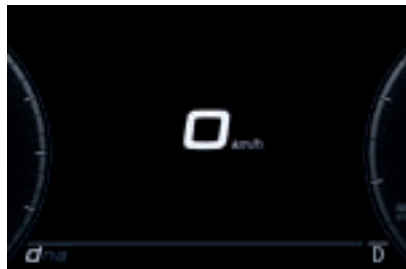
INSTRUMENT PANEL LIGHT ADJUSTMENT (brightness sensor)

Inside the tachometer there is a light sensor capable of detecting environmental light conditions and adjusting the operating mode (night/day) and the brightness of the instrument panel and the Alfa Connect with Navigator / Alfa Connect system display.

DISPLAY

A welcome screen appears on the display when you enter the passenger compartment.

CENTRAL SCREEN



83

9650061

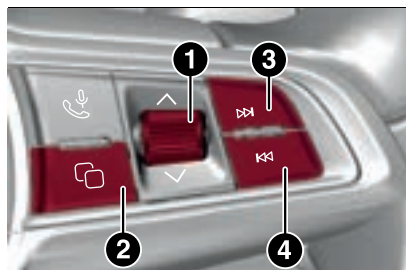
The following screens appear in the central area of the display fig. 83:

- Speedometer (numeric indication)
- Navigation
- Performance
- Driver Assist
- Messages and stored message list
- Charge/Power (Hybrid and Plug-In Hybrid Q4 versions only)
- Hybrid Info with "Efficiency Coach" (Hybrid and Plug-In Hybrid Q4 versions only)

NOTE When the ignition device is moved from STOP to the ENGINE, the last screen displayed before the previous engine shutdown is shown.

NAVIGATION BETWEEN SCREENS

Press the button (2) fig. 84 and turn the ring (1) up or down to scroll through the screens.



84

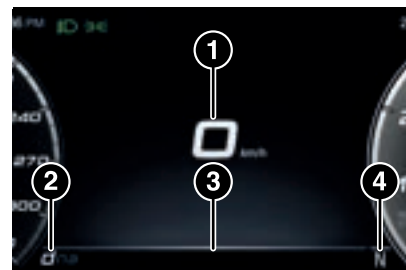
9650890

If the selected screen permits, press the ring to access the submenu (1).

SPEEDOMETER

The following information fig. 85 is displayed on this screen:

- (1) Instantaneous speed in km/h or mph. Press the ring (1) to switch between km/h and mph scales.
- (2) Driving modes
- (3) Messages
- (4) Engaged gear and GSI (Gear Shift Indicator) shift suggestions



85

9650062

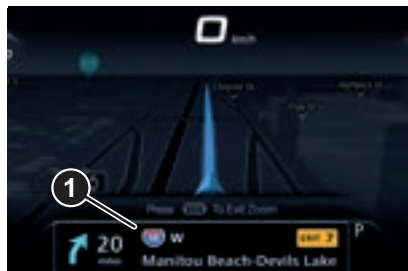
NAVIGATION

This screen repeats the instructions provided by the Alfa Connect with Navigator system (fig. 86).

Zoom changes made on the Alfa Connect with Navigator system are not automatically repeated on the instrument panel display screen. Select the buttons (3) / (4) to zoom in and out of this screen. Press the ring to go back to the initial frame. The zoom level is automatically reset to the factory settings whenever the engine is restarted.



ABC



86

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If the function is activated using the Alfa Connect with Navigator system settings, the navigator indications of the Alfa Connect with Navigator system are also repeated within the right dial of the display (1) fig. 87 by means of turn by turn instructions (in the "Multimedia" section). The following information is shown:

- (1) Direction indicators
- (2) Distance to next change of direction (in km or miles, depending on instrument panel settings)
- (3) Suggested lanes
- (4) Address of the road to be followed after the change of direction

Press and hold the ring (1) to disable the indications in the right-hand ring for the current navigation.



87

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With active navigation outside the "Navigation" screen, turn-by-turn indications are shown in the lower part of the display by a pop-up (1) fig. 86 with each change of direction suggested by the navigation system.

NOTE It is only possible to display the repetition of navigation directions from the native navigator of the Alfa Connect with Navigator system. The repetition of directions provided by apps on the device connected to the Alfa Connect system using Android Auto, Apple CarPlay or Baidu CarLife is not supported.

PERFORMANCE

According to the mode selected using the Alfa DNA™ system selector, the screen shows the acceleration or fuel consumption of the car.

Refer to the "Alfa DNA™ System with ESC OFF" chapter in the "Starting and driving" section for more information.

"DYNAMIC" MODE

This displays parameters 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 acceleration peaks are displayed on the right fig. 88.



88

9650094

"NATURAL" MODE

Average and instantaneous consumption are shown fig. 89.



89

9650095

DRIVER ASSIST

The screen in fig. 90 shows the status and settings of the driving assistance Adaptive Cruise Control, Lane Keeping Assist and Active Driving Assist systems. Any instant notifications are displayed via a pop-up screen.

The units of measurement (metric or imperial) depend on the units defined via the display settings.



90

9650070

For further information see the respective chapters in the "Safety" and "Starting and driving" sections.

MESSAGES AND STORED MESSAGE LIST

Messages shown on the display using pop-up screens are stored as long as they remain valid. You can view them later in the central area of the "Messages" screen (1) fig. 91.



91

9650071

If multiple messages are present:

- ❑ press the ring (1) to access the message list
 - ❑ scroll through the previous/next messages by turning the ring up/down (1) upwards/downwards. The position of the displayed message within the list is indicated by the light spot (2) fig. 91.
- Presence of previous/next messages is indicated by grey dots

CHARGE / POWER

(Hybrid and Plug-In Hybrid Q4 versions only)

The "Charge / Power" function shows the instantaneously available on the instrument panel display.

The green outer graphic ring (1) fig. 92 represents the electric motor power output available during the acceleration phase and the input power during the regeneration phase.

The grey inner graphic ring (2) fig. 92 displays the instantaneous power available from the heat engine.



92

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The charge/power indications are only displayed when the car is ready for driving.

The instrument panel display varies according to the following conditions:

- ❑ if the high-voltage battery is **not charging**, no graphic notches will be



ABC

shown on the display for each sector ("Charge" and "Power")

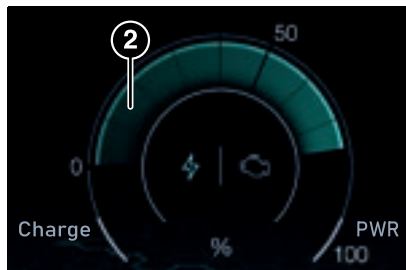
□ if the high voltage battery is **charging**, the left side of the screen will be highlighted on the lower part of the display, (1) fig. 93.

□ if the high voltage battery is in **"Power"** mode, the upper side of the screen will be highlighted on the display (2) fig. 94.



93

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94

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"Load" display

The **green** charging indicator increases towards the lower part when the regeneration phase is in progress or when the heat engine is charging the high-voltage battery.

"Power" display

The power is shown on the instrument panel display by filling the engine and/or battery section (in case of combined operation) from the left rightwards, according to the power source used. The two indicators will move independently.

Range

(Plug-In Hybrid Q4 version only)

The fig. 95 screen also shows the estimated range in the following cases:

- (1) Total (running with electric motor together with heat engine)
- (2) Heat engine only
- (3) Electric motor only



95

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Auxiliary battery charge level indicator

(for Hybrid versions)

The indicator (3) fig. 96 displays the charge level of the auxiliary battery.



96

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HYBRID INFO (Hybrid System Information)

(Hybrid and Plug-In Hybrid Q4 versions only)

This menu item shows the following information on the instrument panel:

- Efficiency Coach: in "Natural" or "Advanced Efficiency" driving mode
- Indicators: in "Dynamic" driving mode (Hybrid and Plug-In Hybrid Q4 versions)

Efficiency Coach

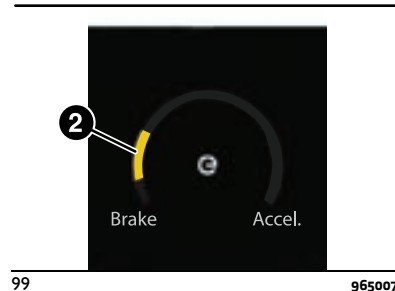
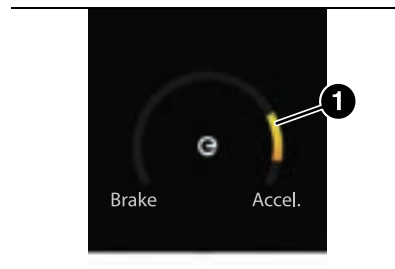
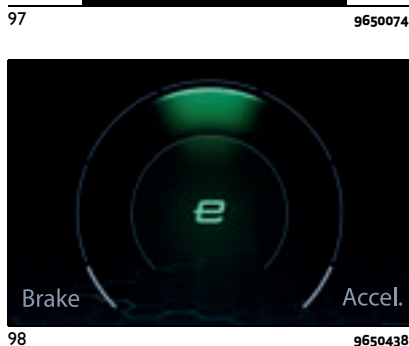
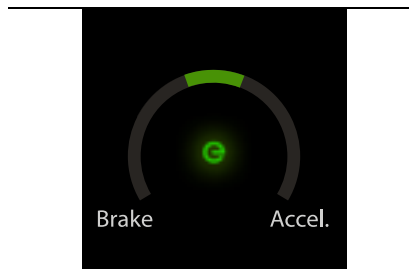
The "Efficiency Coach" function provides the driver with "visual awareness" through the indications on the instrument panel display on how to achieve maximum energy efficiency while driving.

The display varies according to the following conditions:

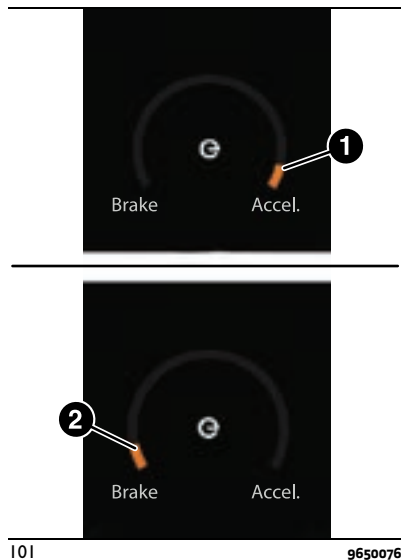
□ if the driver accelerates/brakes efficiently or, after reaching a certain speed, does not press the accelerator and/or brake pedal, the following screen will appear on the display fig. 97 (Plug-In Hybrid Q4 version) or fig. 98 (Hybrid version)

□ during acceleration and braking, the most efficient operation will be represented by the colour of the green indicator fig. 97 or fig. 98, while the least efficient operation will be represented by the colour of the yellow indicator (1) e (2) fig. 99 (Plug-In Hybrid Q4 version) or fig. 100 (Hybrid version), followed by amber, when the efficiency level decreases fig. 101 (Plug-In Hybrid version) or fig. 102 (Hybrid versions)

Driving the car in optimal conditions is achieved when the letter "e" and the graphic indication on the graphic bar are shown in green in the middle of the display screen (fig. 97, fig. 98).



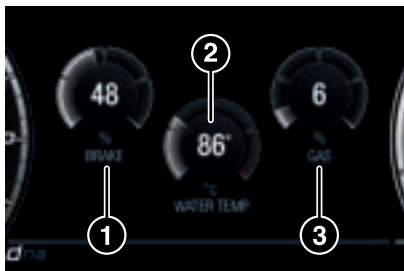
ABC



Gauges

The screen fig. 103 shows the following information:

- (1) Brake pedal position (0%: pedal released - 100%: pedal fully pressed)
- (2) Engine coolant temperature, high-voltage system (Plug-In Hybrid Q4 version) and low-temperature circuit (Hybrid version)
- (3) Accelerator pedal position (0%: pedal released - 100%: pedal fully pressed)



103

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CUSTOM AREAS

The right dial (tachometer) and left dial (speedometer) of the instrument panel can be customised to display additional information using the "Settings" function of the Alfa Connect with Navigator / Alfa Connect system. One of the following can be selected for each dial:

- ☐ Schedule
- ☐ Date
- ☐ External temperature
- ☐ Compass (where provided)
- ☐ Empty

NOTE The date and time format and the unit of measurement of the external temperature depend on the settings defined using the Alfa Connect with Navigator / Alfa Connect system.

NOTE It is not possible to display the same information in two different dials: setting the same content in one dial will remove the information from the other.

NOTE If the repetition of the navigation is deactivated (see the paragraph "Navigation"), even if the compass is shown on the instrument panel display, it is not active.

When the engine is switched off, the last customisation set is stored and displayed the next time the engine is restarted.

WIDGETS

The right-hand dial (tachometer) of the instrument panel can be customised with alternative information to that described in the previous paragraph "Custom areas" using graphic elements known as "Widgets". To scroll through the set widgets, press the button (2) on the steering wheel controls and then turn the ring (1). The following widgets can be displayed:

- ☐ Media, which displays the following, according to the type of information played by the Alfa Connect with Navigator / Alfa Connect system:
 - album thumbnail, source, song title, artist, any connected phone information, or:
 - album thumbnail or radio station logo, station name, frequency, any information on the connected phone



104

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- ☐ Trip A, Trip B (where provided), distance travelled, average consumption on trip, travel time, average speed, odometer, AdBlue® level in tank (where provided)



105

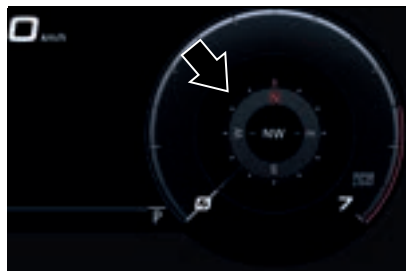
9650083

- ☐ Compass

NOTE The Compass is displayed automatically if Trip B is disabled using the display settings. Trip B automatically replaces the Compass if it is enabled.



ABC



106

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□ Tyre pressure detected by iTPMS



107

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POP-UP SCREENS

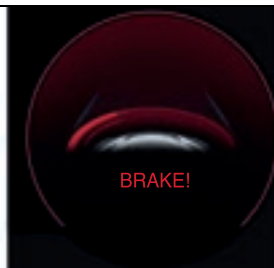
Under certain driving conditions, messages or pop-up screens may be automatically displayed on the right-hand dial to alert the driver to useful driving information (grey background, e.g. notification of open doors, open bonnet and/or tailgate, fig. 108), low priority warnings (yellow background) or high priority warnings (red background, e.g. a braking indication, fig. 109).

Where provided, the pop-up screen may be accompanied by an acoustic warning and the illumination of one or more warning lights or symbols on the instrument panel.



108

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109

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NOTE In the case of two or more simultaneous events displaying a pop-up screen, the screens are displayed in sequence and in order of priority: first those with a higher priority (red background), then those with a lower priority (yellow background)

and then those with information (grey background).

The pop-up screen can be closed by holding the ring (1) pressed.

If the heat engine is shut down with one or more faults present, pop-up screens are displayed the next time the engine is restarted if these faults have not been resolved in the meantime.

ENGINE OIL CHANGE INDICATOR SYSTEM

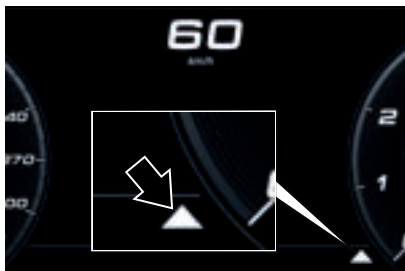
(where provided)

The car is equipped with an engine oil change indicator system. The dedicated message will display in the instrument panel display for 10 seconds to indicate the next scheduled oil change interval.

The engine oil change indicator system is based on a use factor, which means the engine oil change interval may fluctuate, dependent upon your personal driving style.

GEAR SHIFT INDICATOR

The Gear Shift Indicator (GSI) system advises the driver to change gear through a special indication on the display fig. 110.



110

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Through the GSI system, the driver is informed that shifting gear will allow a reduction in fuel consumption.

Icon  on the display: suggestion to shift up a gear.

Icon  on the display: suggestion to shift to two higher gears (double shift).

Icon  on the display: suggestion to shift to a lower gear.

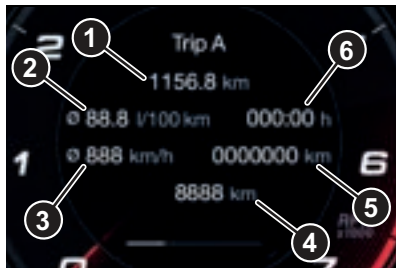
Icon  on the display: suggestion to shift to two lower gears (double shift).

The indication in the display remains until a gear is shifted or the driving conditions go back to a situation where gearshifting is not required to improve consumption.

When there are no gear shift suggestions, the engaged gear is displayed (P, R, N, D, M)

TRIP COMPUTER

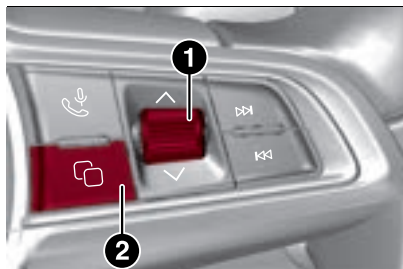
The "Trip Computer" is used to display information on car operation when the ignition device is in the START position. To display the Trip Computer, set it up as a widget on the right dial (tachometer) of the instrument panel fig. 111.



111

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This function has two separate memories, "Trip A" and "Trip B", where the data for the car's "complete journeys" (trips) is recorded independently from each other.



112

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The Trip Computer can display the following information:

- ☐ odometer (1)
- ☐ average fuel consumption (2)
- ☐ average speed (3)
- ☐ total distance travelled according to the trip meter since the last reset (4)
- ☐ the expected range before the AdBlue® top-up is required (5)
- ☐ the elapsed time since the trip meter was last reset (6)

Press and release the button (2) fig. 112 button on the steering wheel controls until the "Trip A" or "Trip B" widget is highlighted on the instrument panel.

Actual running time

This indicates the total time travelled since the last reset. The time is increased when the ignition device is in START position.

Reset Trip

Hold ring (1) fig. 112 pressed.

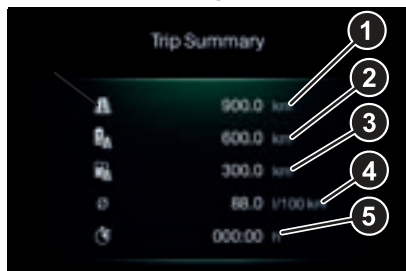


ABC

TRIP SUMMARY

(Plug-In Hybrid Q4 version)

Turning the starter from the ENGINE position to STOP shows the "Trip Summary" on the display, showing the data of the last trip fig. 113.



113

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The following information is displayed:

- (1) total distance
- (2) distance travelled in "hybrid" mode (combined electric and heat engine)
- (3) distance travelled in "electric" mode
- (4) average fuel consumption
- (5) travel time

WARNING LIGHTS AND MESSAGES

WARNING The warning light or symbol may be associated with a specific message and/or acoustic warning. 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. The display cycle of both categories can be interrupted. The instrument panel warning light will stay on until the cause of the failure is eliminated.

NOTE The actual presence of the warning lights and symbols shown below depends on the version and/or the country where the car is marketed.

WARNING LIGHTS ON INSTRUMENT PANEL

Red warning lights

Warning light	What it means
	INSUFFICIENT BRAKE FLUID / ELECTRIC PARKING BRAKE ON The warning light switches on when the ignition device is brought to the ENGINE position, 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. Restore the brake fluid level, then check that the warning light has switched off. If the warning light stays on, contact an Alfa Romeo Dealership. Electric parking brake on The warning light switches on when the electric parking brake is engaged. In the event of failure, the warning light flashes for about 10 seconds and then turns off. Release the electric parking brake, then check that the warning light has switched off. If the warning light stays on, contact an Alfa Romeo Dealership.



Warning light	What it means
	EBD FAILURE The simultaneous switching on of the  (red) and  (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 Alfa Romeo Dealership to have the system inspected immediately.
	POWER STEERING FAILURE (where provided) The warning light/symbol (where provided) switches on when the ignition device is moved to the ENGINE position, but it should switch off after a few seconds. If the warning light/symbol remain on and/or if the traditional battery is disconnected or if the warning light/symbol turns on while driving, the effect of the power steering may not activate and the force on the steering wheel could increase significantly, while still being able to steer the car. If this happens while moving, it is recommended to stop and turn off the engine. In any case, the power steering initialisation procedure must be performed (for more details, see the chapter "Power steering" in the "Starting and driving" chapter). If the problem persists, repeat the procedure a few times and if the fault is still present, this is a signal that a power steering failure was found. Contact an Alfa Romeo Dealership as soon as possible.
	AIRBAG FAILURE If the warning light switches on constantly, this indicates a failure in the airbag system.  53) 54)
	CONVENTIONAL 12V BATTERY NOT SUFFICIENTLY CHARGED If the warning light comes on when the engine is running, this indicates a failure of the conventional battery charging system (12V). Contact an Alfa Romeo Dealership as soon as possible.
	DOORS OPEN The warning light switches on when one or more doors are not completely shut. A pop-up screen appears highlighting in red the door(s) that have not been closed properly instead of the tachometer dial. An acoustic warning is activated with the doors open and the car moving. Close the doors properly.



IMPORTANT

53) If the indicator  does not come on when the key is turned to the ON position or if it remains lit while driving, there may be a problem with the airbag restraint system. In this case, the airbags or pretensioners may not be activated in the event of an accident or, in a more limited number of cases, may be activated when not necessary. Before proceeding, contact an Alfa Romeo Dealership to have the system checked immediately.

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



ABC

Amber warning lights

Warning light	What it means
	ABS FAILURE 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 an Alfa Romeo Dealership as soon as possible.
	ESC SYSTEM ESC system activation 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. ESC system failure If the warning light does not switch off, or if it stays on with the engine running, a failure was found on the ESC system. Contact an Alfa Romeo Dealership as soon as possible. Hill Start Assist failure The warning light switches on to indicate a Hill Start Assist system failure. Contact an Alfa Romeo Dealership as soon as possible.
	PARTIAL / TOTAL DEACTIVATION OF ACTIVE SAFETY SYSTEMS The warning light switches on to indicate that some active safety systems have been partially or totally deactivated. When the systems are reactivated, the warning light switches off.
	AUTONOMOUS EMERGENCY BRAKING SYSTEM FAILURE The warning light comes on to indicate: ❑ the failure of the Autonomous Emergency Braking system, with the display of the relative message on the instrument panel display that advises the driver to contact the Alfa Romeo Assistance Network as soon as possible or ❑ the temporary unavailability of the Autonomous Emergency Braking system due to a condition that blinds one of the front sensors. In this case it could be an external impediment (e.g. presence of leaves, etc.) obstructing the sensor. Remove the impediment. If the warning light stays on, contact the Alfa Romeo Service Network.

Warning light	What it means
	AUTONOMOUS EMERGENCY BRAKING SYSTEM DEACTIVATION The warning light switches on if the Autonomous Emergency Braking system has been deactivated or if the system is obstructed/dirty/unavailable.
	ELECTRIC PARKING BRAKE FAILURE  55) If the warning light turns on, this indicates 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 Alfa Romeo dealership, remembering that the electric parking brake will not work.
	EOBD / INJECTION / CATALYST DAMAGE (petrol versions with GPF) If the warning light remains on, or it switches on whilst driving, the injection system is not working properly. The warning light on constantly 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, you 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 an Alfa Romeo Dealership as soon as possible. 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. Continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing and contact an Alfa Romeo Dealership as soon as possible.  23)
	HYBRID SYSTEM FAILURE (Hybrid version) If the warning light remains on, or it switches on while driving, there is a hybrid system failure. In this condition, the state of charge of the auxiliary battery is not shown. In this case, contact an Alfa Romeo Dealership as soon as possible.



Warning light	What it means
	AdBlue® (UREA) INJECTION SYSTEM FAILURE (Diesel versions) In normal conditions, when the ignition device is brought to the ENGINE position, the warning light switches on, but it should switch off as soon as the engine is started. The warning lamp will illuminate if a liquid that does not meet the nominal characteristics is introduced or if an average consumption of AdBlue® (UREA) of more than 50% is detected. In this case, contact an Alfa Romeo Dealership as soon as possible. If the problem is not solved, a dedicated message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine. When there are approximately 200 km before you will no longer be able to restart the engine, on some versions a dedicated message will appear fixed on the instrument panel display accompanied by warning tone.



IMPORTANT

55) *If a failure is present with sharp braking, the rear wheels may lock and the vehicle may swerve.*



WARNING

23) *If, when the ignition device is turned to ENGINE, the  warning light does not switch on, switches on constantly or flashes when driving, contact an Alfa Romeo Dealership as soon as possible.*

Green warning lights

Warning light	What it means
	LEFT DIRECTION INDICATOR The warning light switches on when the direction indicator stalk is moved downwards or, together with the right 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.

White warning lights

Warning light	What it means
	BRIGHTNESS SENSOR This warning light on the odometer lights up in the event of the brightness sensor activation.



ABC

Red Symbols

Symbol	What it means
	LOW ENGINE OIL PRESSURE The symbol switches on in the case of insufficient engine oil pressure.  24) 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" chapter in the "Maintenance and care" section) and top up to the correct level if necessary. If the symbol turns on continuously, contact an 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 Alfa Connect with Navigator / Alfa Connect system.
	AIRBAG FAILURE The symbol switches on if there is an airbag system failure. Contact an Alfa Romeo Dealership as soon as possible.
	SEAT BELTS REMINDER The symbol switches on fixed if the car is stationary and the driver, front passenger or rear passage side seat belt is not fastened with an occupant in the seat. The symbol flashes and an acoustic warning will sound if the car is in motion and the driver, front passenger or rear passage side seat belt is not correctly fastened with an occupant in the seat. In this case, fasten the seat belt.
	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 water 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 an 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. Wait for 2 or 3 minutes with the engine running and slightly accelerated to further favour the coolant circulation. Then stop the engine. Check that the coolant level is correct as described above. WARNING Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.

Symbol	What it means
	BONNET NOT PROPERLY SHUT The symbol switches on when the engine bonnet is not properly shut. A pop-up screen appears instead of the tachometer dial, highlighting the engine bonnet in red. Close the bonnet properly.
	TAILGATE NOT PROPERLY SHUT The symbol switches on when the tailgate is not properly shut. A pop-up screen appears highlighting the tailgate in red instead of the tachometer dial. A buzzer is heard with open tailgate and car moving. Close the tailgate correctly.
	AUTOMATIC TRANSMISSION FAILURE / DUAL CLUTCH AUTOMATIC TRANSMISSION FAILURE The symbol switches on together with a buzzer, to indicate that the automatic transmission or dual-clutch automatic transmission is faulty. Contact an Alfa Romeo Dealership as soon as possible. ⚠️ 25) 26)
	EXCESSIVE ENGINE OIL TEMPERATURE (where provided) The symbol switches on in the case of engine oil overheating. ⚠️ 27)
	ELECTRONIC THROTTLE CONTROL (ETC) FAILURE (where provided) This symbol will light up to indicate a problem with the Electronic Throttle Control (ETC) system. If the fault is detected with the car running, the symbol will light up with a fixed or blinking light according to the fault type. Move the ignition device to ENGINE with the car completely stopped and the automatic transmission/electrified double clutch automatic transmission to P (park). The symbol must go off. If the symbol stays on with the car running, it can still be driven but you must seek the assistance of an Alfa Romeo Dealership as soon as possible. NOTE This symbol may turn on if the accelerator and brake pedals are pressed at the same time. Intervene promptly if the symbol keeps blinking with the engine running. You may experience reduced engine performance, an elevated/rough idle, or engine stall and your car may require towing. The symbol appears when the ignition device is turned to the ENGINE position and stays on for a few instance during the bulb test. If it does not come on when starting contact an Alfa Romeo Dealership.
sos!	EU eCall SYSTEM FAILURE The symbol appears to indicate a failure in the EU eCall system. In this case, an emergency call cannot be made. Go to an Alfa Romeo Dealership as soon as possible to have the system repaired.



ABC

Symbol	What it means
	EU eCall SYSTEM BATTERY FAILURE The symbol appears to indicate a failure of the EU eCall system battery or a low battery charge. In the first case, it will not be possible to make the emergency call, while in the second case the data transmission or connection may be subject to limitations. Go to an Alfa Romeo Dealership as soon as possible to have the system repaired.
	FAILURE IN THE VEHICLE CHARGING PROCEDURE (Plug-In Hybrid Q4 versions) This symbol is shown on the instrument panel display, with the car stationary, in the case of a fault during the high-voltage battery charging procedure. ❑ failures in the charging system, in this case disconnect and then reconnect the charging cable to the charging port or, in the case of charging at a public charging station, look for another power supply point. If the symbol remains on, contact an Alfa Romeo Dealership. ❑ failures in the public charging station (because it may have been deactivated or there may be a failure). We recommend that you try charging your car at another public charging station. If the symbol remains on, contact an Alfa Romeo Dealership.
	TRACTION BATTERY FAILURE (Plug-In Hybrid Q4 and Hybrid versions) The symbol appears on the instrument panel display in case of traction battery failure. Contact an Alfa Romeo Dealership.
	TRACTION BATTERY OVERHEATING (where provided) The symbol appears on the instrument panel display together with a dedicated message and an acoustic warning in case of overheating of the traction battery. Stop the vehicle safely as soon as possible and switch off the vehicle. Then leave the passenger compartment and stay at a safe distance. Call for help and/or call the emergency number immediately.
	HYBRID ELECTRIC SYSTEM FAILURE (Plug-In Q4 and Hybrid versions) The symbol appears on instrument panel display in case of hybrid-electric system failure. Contact an Alfa Romeo Dealership.
	PERFORMANCE LIMITATION (Plug-In Hybrid Q4 versions) The symbol is shown on the instrument panel display if the acceleration of the car is limited due to a reduction in performance of the heat engine (e.g. including if there is no fuel) or the electric motor. If the symbol remains on while driving, contact an Alfa Romeo Dealership. NOTE If the automatic dual-zone climate control system is turned on, it will be turned off automatically.

Symbol	What it means
	DAA (Driver Attention Assist) SYSTEM ACTIVATION (where provided) The symbol appears on the instrument panel display when the DAA (Driver Attention Assist) system is activated. The system, after estimating the driver's drowsiness level, through specific events, suggests to the driver to stop for a break, because continuing driving is risky. Stop to pause while driving, pulling the car over in safe conditions.
	DRIVER DROWSINESS AND DISTRACTION DETECTION WITH DRIVER MONITORING CAMERA SYSTEM INTERVENTION (where provided) The symbol lights up fixedly accompanied by an acoustic warning and a message: if the system detects the driver's low attention, excessive fatigue or distraction, the driver is alerted by a message and an acoustic warning. After three warnings, the message is accompanied by a more marked beep. Stop the vehicle in a safe place and take a break.



WARNING

- 24)** If the symbol  switches on while driving, stop the engine immediately and contact an Alfa Romeo Dealership.
- 25)** 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.
- 26)** During normal use, the symbol may turn on when the transmission is in an intermediate position between two gears for around ten seconds: the symbol will turn off when the gear is engaged correctly. If the problem persists, contact an Alfa Romeo Dealership.
- 27)** If the symbol switches on while driving, stop the car and the engine immediately.



ABC

Amber symbols

Symbol	What it means
	iTPMS (indirect Tyre Pressure Monitoring System) iTPMS failure If an iTPMS failure is detected, the warning light flashes for about 75 seconds and then stays on fixed. WARNING Do not continue driving with one or more flat tyres as handling may be compromised. Stop the car, avoiding sharp braking and steering. Repair immediately using the Fix&Go and contact the dedicated Alfa Romeo Dealership as soon as possible. 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. Should two or more tyres be in the condition mentioned above, the display will show the indications corresponding to each tyre in sequence. In the event of insufficient pressure, it is COMPULSORY to refer to the "Wheels" chapter in the "Technical Data" section and to adhere strictly to this.
	ENGINE IMMOBILIZER FAILURE / BREAK-IN ATTEMPT Engine Immobilizer system failure The symbol appears to report a failure of the Engine Immobilizer system. Contact an Alfa Romeo Dealership as soon as possible. Break-in attempt The symbol switches on when the ignition device is moved to the ENGINE position to report about 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 recognised by the system.
	FUEL CUT-OFF SYSTEM OPERATION The symbol switches on in the event of fuel cut-off system intervention. For the fuel cut-off system re-activation procedure, see the "Fuel cut-off system" chapter in the "In an emergency" section. If it is not possible to restore the fuel supply, contact an Alfa Romeo Dealership.

Symbol	What it means
	POSSIBLE ICE ON ROAD (where provided) The symbol turns on when the external temperature falls to or below 3°C. WARNING In the event of external temperature sensor failure, the digits that indicate the value are replaced by dashes.
	ENGINE OIL PRESSURE SENSOR FAILURE The symbol switches on in the event of engine oil level sensor failure.
	RAIN SENSOR FAILURE The symbol switches on in the case of failure of the rain sensor. Contact an Alfa Romeo Dealership as soon as possible.
	START&STOP SYSTEM FAILURE (for versions/markets where provided) The symbol switches on to report a failure of the Start&Stop system. Contact an Alfa Romeo Dealership as soon as possible.
	REAR FOG LIGHT The warning light switches on when the fog light is activated.
	HYBRID SYSTEM TRACTION BATTERY DISCONNECTION (Hybrid and Plug-In Hybrid Q4 versions) This symbol appears to indicate a hybrid system failure due to the disconnection of the traction battery. In this case, the state of charge of the traction battery is not shown on the display. Contact an Alfa Romeo Dealership as soon as possible.
	KEYLESS START SYSTEM FAILURE The symbol switches on in the event of Keyless Start system failure. Contact an 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 an Alfa Romeo Dealership as soon as possible.
	FUEL RESERVE / LIMITED RANGE The symbol switches on when about few litres of fuel are left in the tank.

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Symbol	What it means
	GLOW PLUG PREHEATING FAILURE (Diesel versions) If the symbol flashes, it indicates a fault in the glow plug preheating system. In this case, contact an Alfa Romeo Dealership as soon as possible. GLOW PLUG PREHEATING (Diesel versions) This symbol comes on when the ignition device is brought to ENGINE and will switch off when the glow plugs have reached the preset temperature. The engine can be started as soon as the symbol turns off. WARNING In mild or high temperature conditions, the warning light comes on for a very short time only.
	SPEED LIMITER FAILURE The symbol switches on in the case of failure of the Speed Limiter device. Contact an Alfa Romeo Dealership as soon as possible to have the failure eliminated.
	LANE KEEPING ASSIST SYSTEM FAILURE The symbol is displayed for a few seconds when starting the engine. If no faults are present, the symbol goes out. The symbol comes on in the event of a failure in the Lane Keeping Assist system. Contact an Alfa Romeo Dealership as soon as possible.
	LANE KEEPING ASSIST OFF (for versions/markets where provided) The symbol appears if the LKA (Lane Keeping Assist) system is turned off.
	AFS FAILURE If this symbol appears, it indicates the unavailability of the automatic directional headlight system. In the event of a temporary condition that inhibits the use of the camera (such as grazing sun, rain, fog, snow or dirt) the symbol will light up temporarily until conditions are restored and the system can be used again. If these conditions do not occur and the symbol remains permanently lit, contact the Alfa Romeo Dealership as soon as possible.
	AUTOMATIC MAIN BEAM HEADLIGHTS FAILURE The symbol switches on to report a failure of the automatic main beam headlights. Contact an Alfa Romeo Dealership as soon as possible to have the failure eliminated.

Symbol	What it means
	AUTOMATIC TRANSMISSION FLUID OVERHEATING / DUAL CLUTCH 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 with the transmission in N or P, wait until the symbol switches off.
	TAILGATE ELECTRIC OPENING/CLOSING FAILURE The symbol turns on to indicate a tailgate electric opening/closing system failure.
	SOUND SYSTEM FAILURE The symbol switches on to report a failure of the sound system. Versions equipped with Park Sensors system: If the display shows the message that the sound system is not available, the Park Sensors system will be deactivated. If attempting to reactivate the system, the display will show a dedicated failure message. Contact an Alfa Romeo Dealership as soon as possible.
	DUSK SENSOR FAILURE The symbol switches on in the case of failure of the dusk sensor. Contact an Alfa Romeo Dealership as soon as possible.
	SIDE DISTANCE WARNING SYSTEM FAILURE The symbol comes on in the event of Side Distance Warning system failure. Contact an Alfa Romeo Dealership as soon as possible.
	TSR SYSTEM FAILURE (where provided). The symbol is displayed for a few seconds when starting the engine. If no faults are present, the symbol goes out. The symbol appears to indicate a Traffic Sign Recognition (TSR) system failure. If the fault persists, contact an Alfa Romeo Dealership.
	TRAFFIC SIGN RECOGNITION DEACTIVATED (*) (where provided) The symbol comes on if the Traffic Sign Recognition system is off.



ABC

Symbol	What it means
	BLIND SPOT MONITORING FAILURE The symbol comes on in the event of a Blind Spot Monitoring system failure. Contact an Alfa Romeo Dealership as soon as possible.
 (left-hand drive versions)  (right-hand drive versions)	SHOCK ABSORBERS FAILURE (ADC) (where provided) The symbol appears while driving to indicate a fault in the suspension system. Contact an Alfa Romeo Dealership to have the system checked.
 (left-hand drive versions)  (right-hand drive versions)	SOFT SUSPENSION CALIBRATION (where provided) The system appears when the most comfortable suspension setting is activated.
	DIPPED BEAM AUTOMATIC ADJUSTMENT FAILURE The symbol lights up in the case of failure of the automatic dipped beam headlights alignment. Contact an Alfa Romeo Dealership as soon as possible.
	WATER IN DIESEL FILTER (Diesel versions) The symbol switches on constantly while driving, along to indicate the presence of water in the diesel filter.  29)
	LPG FUEL LEVEL SENSOR FAILURE (where provided) The symbol switches on in the event of fuel level sensor failure. Contact an Alfa Romeo Dealership as soon as possible.

Symbol	What it means
	DEGRADED ENGINE OIL (where provided) Diesel versions: the symbol is displayed for 3 minute cycles and intervals of 5 seconds until the oil is changed. The symbol is displayed until the problem is solved. Petrol versions: the symbol switches on and then is not displayed when the display cycle is completed. 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 car, rather it simply reports that it is now necessary to change the oil as a result of regular use of the car. The deterioration of engine oil is accelerated by using the car for short drives, preventing the engine from reaching operating temperature. For Plug-In Hybrid Q4 versions, once a month, especially in cold environment conditions, it is recommended to use the heat engine for up to 60 minutes at a time (activating "Dynamic" mode or with automatic transmission in "Autostick" mode). Contact an Alfa Romeo Dealership as soon as possible.  30) 28)
	FUEL FILLER CAP NOT CLOSED (where provided) The symbol lights up if the fuel tank cap is open or not properly closed. Tighten the cap properly.
	EXTERNAL LIGHTS FAILURE The symbol turns on to indicate a failure in the following lights: daytime running lights (DRLs); parking lights; trailer direction indicators (where provided); trailer lights (where provided); side lights; direction indicators; rear fog light; reversing light; brake lights; number plate lights; LED dipped beam headlights (where provided). The anomaly may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. In this case, contact an Alfa Romeo Dealership.
	ADAPTIVE CRUISE CONTROL (ACC) FAILURE (where provided) The symbol lights up to indicate an Adaptive Cruise Control (ACC) failure. In this case, contact an Alfa Romeo Dealership as soon as possible.



Symbol	What it means
	DPF CLEANING (particulate trap) in progress (diesel versions with DPF only) The symbol switches on constantly to indicate that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process. The symbol stays off during the entire DPF regeneration and lights up only when driving conditions require the driver to be notified. The symbol does not switch on during every DPF 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 process normally takes about 15 minutes. Optimal conditions for completing the process are achieved by travelling at 60 km/h with engine speed above 2000 rpm. When this symbol switches on, it does not indicate a defect of the car and thus it should not be taken to a workshop. WARNING Failure to follow the procedure provided for when the symbol comes on for a mileage equal to or greater than 30 km or for a cumulative time equal to or greater than 2 hours, may result in the warning light  coming on with consequent damage to the DPF device. Remember that if the warning light  is on, it is necessary to go to the Alfa Romeo Dealership to restore the correct function of the DPF.  31)
	GPF CLEANING (particulate filter) in progress (petrol versions only with GPF) (where provided) The symbol switches on constantly to indicate that the GPF system needs to eliminate the trapped pollutants (particulate) through 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 (press and release the accelerator pedal). Maintain a speed above 60 km/h, on a highway route, with engine speed above 2000 rpm until the symbol on the display turns off. When this symbol switches on, it does not indicate a fault and thus it should not be taken to a workshop.
	GPF FAILURE (particulate filter) (petrol versions only with GPF) (where provided) The symbol lights up fixed together with the warning light  in case of failure to the GPF (Gasoline Particulate Filter). In this case, contact an Alfa Romeo Dealership as soon as possible.

Symbol	What it means
	LOW AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LEVEL WARNING (diesel versions only) The AdBlue® Diesel Emissions Additive (UREA) low level symbol turns on when the AdBlue® (UREA) level is low. Top up the UREA tank as soon as possible with at least 5 litres of AdBlue® (UREA). If the top-up was done with a range of 0 km left in the AdBlue® (UREA) tank, you may need to wait 2 minutes before starting the engine.
	BRAKE PEDAL This symbol turns on to indicate that the brake pedal must be pressed to enable reversing.
	PEDESTRIAN ACOUSTIC WARNING SYSTEM FAILURE (Plug-In Hybrid Q4 and Hybrid versions) This symbol is shown on the instrument panel display in case of failure of the pedestrian acoustic warning. Contact an Alfa Romeo Dealership.
	DAA (Driver Attention Assist) SYSTEM FAILURE (where provided) The symbol is displayed for a few seconds when starting the engine. If no faults are present, the symbol goes out. The symbol appears on the instrument panel display in case of a failure of the DAA (Driver Attention Assist) system. Contact an Alfa Romeo Dealership.
	DRIVER DROWSINESS AND DISTRACTION DETECTION WITH DRIVER MONITORING CAMERA SYSTEM FAULT (where provided) The symbol switches on fixed: the system is deactivated. The symbol switches on fixed light accompanied by an acoustic warning and a message: system fault. Contact an Alfa Romeo Dealership. The symbol lights up with a fixed light accompanied by a message (where provided)
	TOW HOOK FAILURE The symbol switches on to report a failure of the tow hook. Contact an Alfa Romeo Dealership as soon as possible. TRAILER LIGHT CONTROL UNIT FAILURE The symbol turns on to warn of failure in the control unit that manages the trailer lights. Check that the trailer light is correctly connected to the socket. If the fault persists the next time you start the engine, contact the Alfa Romeo Dealership as soon as possible to have the system checked.



ABC

Symbol	What it means
	ALL-WHEEL DRIVE OVERHEATING (where provided) The symbol switches on in the case of overheating of the all-wheel drive system. In these conditions, it is possible select the required driving mode but the mode will be engaged only when the system cools down. The symbol will stay on for as long as the overheating condition persists.
	ALL-WHEEL DRIVE FAILURE (where provided) The symbol switches on in the case of failure of the all-wheel drive system. Contact an Alfa Romeo Dealership as soon as possible.



WARNING

28) If the symbol flashes when driving, contact an Alfa Romeo Dealership.

29) The presence of water in the fuel system circuit may cause severe damage to the injection system and irregular engine operation. If the  symbol comes on contact an Alfa Romeo Dealership as soon as possible to bleed the system. If the above indications come on immediately after refuelling, water has probably been introduced into the tank: turn the engine off immediately and contact an Alfa Romeo Dealership.

30) 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. **Remember that when this symbol comes on, it does not mean that the level of engine oil is low, so if it flashes it does not mean that you need to top up the engine oil.**

31) Vehicle travel speed should always be adapted to the traffic and weather conditions, and must always comply with traffic regulations. The engine can be stopped even if the DPF warning light is on: however, repeated interruptions of the regeneration process could cause premature deterioration of the engine oil. For this reason it is always advisable to wait for the symbol to go off before turning off the engine, following the instructions above. Do not complete the DPF regeneration process when the vehicle is stopped.

Green Symbols

Symbol	What it means
	SIDE LIGHTS The symbol comes on when the side lights are activated. "Headlight off delay" function This function allows the headlights to remain on for 30, 60 or 90 seconds after the ignition device was placed in STOP position ("Follow me").
	AUTOMATIC MAIN BEAM HEADLIGHTS The symbol comes on when the automatic main beam headlights are activated.
	DIPPED BEAM HEADLIGHTS The warning light switches on when the main beam headlights are turned on.
	START&STOP SYSTEM ACTIVATION (for versions/markets, where provided) The symbol appears in the case of Start&Stop (engine switching off) intervention. Restarting the engine, the warning light switches off.
HOLD or  (depending on the market)	HOLD 'N' GO (where provided) The symbol lights up when the "Hold 'n' go" function is active (automatic parking brake engaged).
	CRUISE CONTROL SYSTEM The symbol comes on when the Cruise Control system is activated.
	ADAPTIVE CRUISE CONTROL SYSTEM The symbol comes on when the Adaptive Cruise Control system is activated.
	INTELLIGENT ADAPTIVE CRUISE CONTROL SYSTEM The symbol comes on when the Intelligent Adaptive Cruise Control system is activated.



ABC

Symbol	What it means
	SPEED LIMITER SYSTEM The symbol comes activating the Speed Limiter system.
	CAR READY TO START (Plug-In Hybrid Q4 and Hybrid version) This symbol displayed indicates to the driver that the car is ready to move. As long as the "READY" symbol is displayed on the instrument panel, it does not matter whether the heat engine is started or not, the vehicle's propulsion is always available. When the car is moving, the warning light turns off: if the symbol remains on with steady light or flashing light, contact an Alfa Romeo Dealership.
	ELECTRICAL DRIVING MODE (Plug-In Hybrid Q4 and Hybrid versions) The symbol appears in the case of electric driving.
	CHARGING CABLE CONNECTED (Plug-In Hybrid Q4 version) When this symbol is displayed it indicates that the cable is connected to the charging port of the car, not that the charging procedure is in progress. The symbol can also be displayed together with dedicated messages. These messages will indicate the connection status to the charging port until fully charged. WARNING Starting the engine is not allowed until the charging procedure is complete.

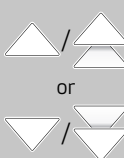
Blue symbols

Symbol	What it means
	MAIN BEAM HEADLIGHTS ACTIVE The symbol lights up when the automatic dipped beam is on but not switched on.
	AUTOMATIC MAIN BEAM HEADLIGHTS ACTIVE The symbol lights up when the automatic main beam headlights is on but not switched on.



ABC

White symbols

Symbol	What it means
	AUTOMATIC DIPPED BEAM HEADLIGHTS LIT The symbol lights up when the main beam headlights are activated.
	AUTOMATIC DIM HIGH BEAMS LIT The symbol lights up when automatic main beam headlights area on.
	SPEED LIMITER OFF The symbol appears when the Speed Limiter is deactivated.
	CRUISE CONTROL READY The symbol appears when the Cruise Control is ready.
	ADAPTIVE CRUISE CONTROL READY The symbol appears when the Adaptive Cruise Control is ready.
	INTELLIGENT ADAPTIVE CRUISE CONTROL READY The symbol appears when the Intelligent Adaptive Cruise Control is ready.
	SPLIT REAR SEAT (where provided) The symbol lights up fixed to indicate that there is no passenger on the rear seats. Refer to the "Occupant Restraints Systems" chapter in the "Safety" section for more information.
	GEAR SHIFT INDICATOR (where provided) The symbols appear on the display to alert the driver to the need to shift up or down. The single arrow indicates to shift up or down one gear, the double arrow to shift two gears.

Symbol	What it means
	SAILING MODE (where provided) The symbol comes on when the car is running with the "Idle Coasting" function in "Sailing" mode.
	"e-Save" MODE (Plug-In Hybrid Q4 versions) The message is shown on the instrument panel display when the "e-Save" mode is activated by means of the Alfa Connect with Navigator / Alfa Connect system. Activating this mode makes it possible to retain the state of charge of the high-voltage battery or actively recharge it via the heat engine (according to the setting on the Alfa Connect with Navigator / Alfa Connect system display) for later use.

NOTE When starting the engine, some warning lights come on cyclically for a few seconds to perform a safety check (for versions/markets, where provided). Contact an Alfa Romeo Dealership in the event of faults (warning lights on, etc.). The warning lights go out if there are no faults.



ABC

Lane Keeping Assist symbols

Display	Miniature	Description
		Sensor not available
		Active system
		System on, only one side line detected. NOTE The symbol shown is an example: the detected side line is displayed white and the undetected one is grey.
		Car close to the side line. NOTE The symbol shown is an example: the side line the car is approaching is displayed yellow and the other is white (if detected) or grey (if not detected).
		The car crossed the side line. NOTE The symbol shown is an example: the side line the car is approaching is displayed in flashing yellow and red and the other in white (if detected) or grey (if not detected).

Messages on the display

Message on display		What to do
	INDICATION OF AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LOW LEVEL When a low level of AdBlue® (UREA) is detected, the symbol  appears on the instrument panel display, together with a message indicating the need to top up the AdBlue® (UREA). The symbol  stays on until the tank is topped up with at least 5 litres of AdBlue® (UREA). If you do not top up, a dedicated message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine. A message will appear permanently on the instrument panel and an acoustic tone will be heard when there is about 200 km of range left. A dedicated message will appear on the instrument panel display when there are 0 km of range left. It will no longer be possible to restart the engine after it has been stopped. It will be possible to restart the engine after pouring at least 5 litres of AdBlue® (UREA) in the tank.	Top up the AdBlue® (UREA) tank as soon as possible with at least 5 litres. If the top-up was done with a range of 0 km left in the AdBlue® (UREA) tank, you may need to wait 2 minutes before starting the engine.  32)
BLIND-SPOT ALERT	BLIND SPOT MONITORING SYSTEM (where provided) Sensor block A message will appear on the display if the Blind Spot Monitoring system sensor is blocked. In this case, the LEDs on the door mirrors are switched on continuously.	Free the bumper of any obstacles or clean it.



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Message on display		What to do
BLIND-SPOT ALERT	System not available A message will appear on the display if the Blind Spot Monitoring system sensor is not available. In this case, the LEDs on the door mirrors are switched on continuously.	The failed operation of the system might be due to the insufficient voltage from the conventional battery or other failures on the electrical system. Contact an Alfa Romeo Dealership as soon as possible to have the electrical system checked.
	Blind Spot Monitoring system failure A message will appear on the display if the Blind Spot Monitoring system sensor is faulty. In this case, the LEDs on the door mirrors are switched off. An acoustic warning is also emitted.	Contact an Alfa Romeo Dealership as soon as possible to have the failure eliminated.
PARK SENSORS	PARK SENSORS SYSTEM (where provided) Sensor lock The message is displayed in the case of a failure of the Park Sensors system sensors.	Free the bumpers of any obstacles, cleaning them.
	System not available A dedicated message is shown on the display if the Park Sensors system is not available.	The failed operation of the system might be due to the insufficient voltage from the conventional battery or other failures on the electrical system. Contact an Alfa Romeo Dealership as soon as possible to have the electrical system checked.
ACTIVE PARKASSIST	ACTIVE PARKASSIST SYSTEM (where provided) Sensor lock The message is displayed in the case of a failure of the Active ParkAssist system sensors.	Free the bumpers of any obstacles, cleaning them.
	System not available A dedicated message is displayed if the Active ParkAssist system is not available. An acoustic warning is also emitted.	The failed operation of the system might be due to the insufficient voltage from the conventional battery or other failures on the electrical system. Contact an Alfa Romeo Dealership as soon as possible to have the electrical system checked.

Message on display		What to do
SIDE DISTANCE WARNING	SIDE DISTANCE WARNING (where provided) Sensor lock The message is displayed in the case of a failure of the Side Distance Warning system sensors.	Free the bumpers of any obstacles, cleaning them.
	System not available A dedicated message is displayed if the Side Distance Warning system is not available.	The failed operation of the system might be due to the insufficient voltage from the conventional battery or temporary interference other failures on the electrical system. If the message persists, contact an Alfa Romeo Dealership as soon as possible to have the electrical system checked.
LANE KEEPING ASSIST	LANE KEEPING ASSIST SYSTEM (where provided) Camera obstructed A dedicated message is shown on the display in the case of dirt on the windscreen, which may adversely affect correct operation of the camera.	Clean the windscreen using a soft clean cloth, taking care not to scratch it. Should the failure persist, contact an Alfa Romeo Dealership as soon as possible.
	System not available A dedicated message is shown on the display if the Lane Keeping Assist system is not available.	Contact an Alfa Romeo Dealership as soon as possible.
AUTONOMOUS EMERGENCY BRAKE	AUTONOMOUS EMERGENCY BRAKE SYSTEM The display shows the braking request message if the Autonomous Emergency Brake system activates.	Increase your distance from the vehicle ahead to prevent the risk of collisions.



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Message on display		What to do
"SERVICE" MESSAGE (SCHEDULED SERVICING)	SCHEDULED SERVICING (SERVICE) When the next scheduled service deadline is approaching, the word "Service" will be displayed, followed by the number of kilometres/miles or days (where provided) left, when the ignition device is turned to ENGINE. This is displayed automatically, with ignition device at ENGINE, 2000 km before servicing or, where provided, 30 days before servicing. It is also displayed each time the ignition device is turned to ENGINE for a further 30 days, or 1000 km, after the maintenance deadline. The display will be in km or miles depending on the unit of measurement set.	Contact an Alfa Romeo Dealership, which will reset this display.
OPERATING MODE NOTIFICATION	The instrument panel display shows messages related to the operating mode selected ("Dynamic", "Natural", "Advanced Efficiency" or "OFF").	



WARNING

32) When the AdBlue® (UREA) tank is empty and the engine is stopped it is no longer possible to restart it until the AdBlue® (UREA) tank is topped up with at least 5 litres.

Messages shown on the display (Plug-In Hybrid Q4 version)

Some messages (related to the high-voltage battery charging or generic warning messages) may be displayed on the instrument panel display.

Messages related to the high-voltage battery charging phase

Type of message	What it means
Vehicle connected to the mains and charging notification	This message appears on the instrument panel display during the charging procedure. The display also shows a graphic bar indicating the loading percentage.
Vehicle connected to the mains and waiting to start planned charging notification	This message appears on the instrument panel display during the charging schedule procedure. The display also shows a graphic bar indicating the percentage to reach full charge (100%).
Charging procedure completed notification	This message appears on the instrument panel display when the charging procedure is complete. The display also shows the graphic outline of the car.
Charge Until Full times displaying	With the key removed from the ignition device, the instrument panel display shows the times ("Maximum" and "Minimum") necessary to obtain the complete charge of the high-voltage battery. The display also shows a message indicating whether the "charge schedule" procedure is set or deactivated.
Request to have the charging system checked	This message appears on the instrument panel display if there is a fault in the charging procedure.
4WD traction warning not available	The message is shown on the instrument panel display to indicate that 4WD is not available (e.g. including if there is no fuel) or to indicate an all-wheel drive system failure. If the fault persists, contact an Alfa Romeo Dealership.

Warning messages

Type of message	What it means
Request to check the external charging socket	This message appears on the instrument panel display during the charging procedure when there is a fault in the external charging socket In case of charging with "smart" wallbox, the message informs the driver that the external charging port is temporarily not powered because scheduled charging has been programmed but has not started yet.
Recharging flap open warning	The message appears on the instrument panel display during the charging procedure when the car's charging flap is open. Close the flap before driving again.
Fuel flap locked warning	This message appears on the instrument panel display when the fuel flap is locked. The fuel flap will unlock when the car is ready to start again.



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Type of message	What it means
Connected to the mains but battery not charging notification: request to lock the car to resume charging	This message appears on the instrument panel display when the charging cable is plugged in but the charging procedure is not in progress. Lock the doors to resume the charging procedure.
Open bonnet warning: no charging of the high-voltage battery or conditioning of the passenger compartment or battery	The message is shown on the instrument panel display if interrupting the charge procedure for the high-voltage battery and the low voltage battery (12 V) or high-voltage battery conditioning by opening the bonnet. By closing the bonnet correctly: the charging and conditioning procedure will restart.
Request to have the hybrid-electric system checked	This message appears on the instrument panel display if there is a fault in the hybrid-electric system. Contact an Alfa Romeo Dealership.
eCoasting mode activated notification	The instrument panel display shows dedicated messages when the "Plus" or "Normal" function is selected for the "eCoasting" mode.
Advanced Efficiency mode currently not available Oil and fuel maintenance in progress notification	The message appears on the instrument panel display when the engine oil regeneration procedure is in progress to preserve the quality of the engine oil and avoid having to change it. In this situation, "Advanced Efficiency" mode is temporarily not available and the car will always use the heat engine. To speed up the completion of "oil regeneration", it is recommended to keep the car moving at a speed above 60 km/h, on a non-urban route. The process can take several minutes and extend over several key on/off cycles. When this message is displayed, it does not indicate an anomaly and thus it is not necessary to go to a workshop.



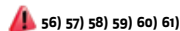
The following section is very important: it describes the safety systems fitted on the car and provides the necessary information on how to use them correctly.

SAFETY

PRECAUTIONS RELATING TO THE HYBRID SYSTEM	110
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PRECAUTIONS RELATING TO THE HYBRID SYSTEM

(Plug-In Hybrid Q4 version)



WORKS ON THE HYBRID SYSTEM

The hybrid system of the car:

- ❑ is isolated from the car and is secured by protective equipment;
- ❑ is protected from the outside environment;
- ❑ is only accessible for maintenance work by qualified personnel.

The car monitors the integrity of the hybrid system: if a fault is detected, a dedicated message will appear on the instrument panel display together with the relevant icon.

Important notes

In case of fault, damage or fire to the car:

- ❑ the components of the hybrid system can be live and the high-voltage battery can be charged;
- ❑ the high-voltage battery, cables and electrical components may be exposed and pose a potential risk of electrocution;
- ❑ vapours released during handling or disconnection of the high-voltage battery from the system are potentially toxic and flammable;

❑ damage to the car or high-voltage battery may cause immediate or delayed release of toxic and/or flammable gases or a fire;

The high-voltage components are orange (see the information in fig. 114).

WARNING Non-insulated cables or wires may be visible inside or outside the car.

Never touch cables and/or connectors: electric shock could occur, resulting in injury or death by electrocution.

WARNING Do not touch, disassemble or remove the electric climate control compressor.

WARNING Do not touch / disassemble / remove the high-voltage battery.



IMPORTANT

56) Improperly performed work, in particular maintenance and repair work on the high-voltage system, can result in current leakage: risk of injury, burns or death. Any maintenance, repair or modification work must usually be carried out by qualified technicians.

57) According to ECE100 standard, the label  is affixed to the vehicle's high-voltage components with which the driver may come into direct or indirect contact.

58) The components of the hybrid system are not repairable. All high voltage wiring harness is orange. If necessary, contact an Alfa Romeo Dealership for servicing or

repair work. NEVER touch the orange wiring harness. Severe injury or death by electric shock could result if the high-voltage system components are damaged.

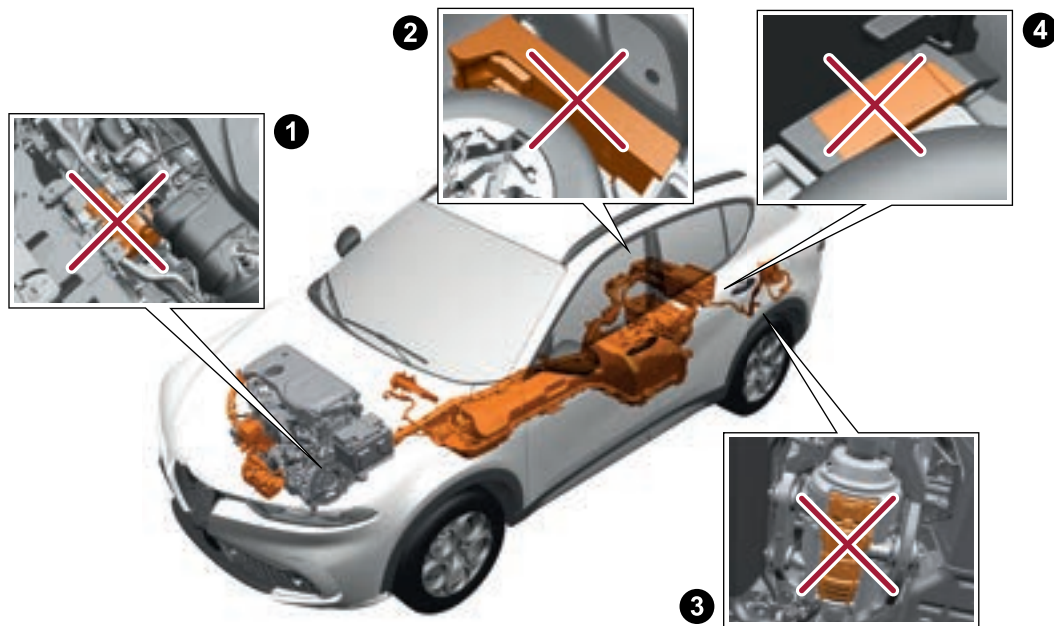
59) Do not pour water or any other kind of liquid into the boot. Even if insulated by specific protections, high voltage components are mounted. Risk of death by electrocution.

60) Never perform any operation on high voltage components. If necessary contact an Alfa Romeo Dealership.

61) Even if the high-voltage battery is flat, the hybrid system will still remain live - danger of fire or fatal injury. Do not touch or modify live parts in any way (e.g. orange cables, even with discharged high-voltage batteries).

HYBRID SYSTEM COMPONENTS ON CAR NOT TO TOUCH

(Plug-In Hybrid Q4 version)



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Do not touch, disassemble, remove or replace the following components: 1. Front electric motor - 2. Charging control module - 3. Rear electric motor - 4. Charge module



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ELECTROMAGNETIC WAVES

High voltage components and cables on hybrid vehicles are electromagnetically shielded.

If non-certified electrical/electronic devices are installed, electromagnetic interference with some components may occur.

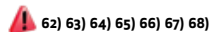
ACTIVE SAFETY SYSTEMS

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.

System intervention

A slight pulsing of the brake pedal and noise indicates the intervention of the brake pedal (Diesel/Petrol versions only): this is completely normal when the system intervenes.



EBD (Electronic Brake Force Distribution) SYSTEM

This system manages the distribution of the braking torque between the front and rear axles by limiting braking pressure to the rear axle. This is done to prevent overslip of the rear wheels to avoid car

instability, and to prevent the rear axle from entering ABS before the front axle.

ASR (AntiSlip Regulation) 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 more drive wheels.

DTC (Drag Torque Control) SYSTEM

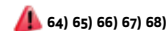
The DTC (Drag Torque Control) system prevents the drive wheels from possibly locking, which could happen, for example, if the accelerator pedal is released suddenly or in the case of a sudden downshifting in conditions of poor grip. In these conditions, the engine braking effect could cause the drive wheels to slip, resulting in a loss of car stability. In these situations, the DTC system intervenes, restoring torque to the motor in order to conserve car stability and increase car safety.

ESC (Electronic Stability Control) SYSTEM

The ESC system improves directional control and vehicle stability under different driving conditions, correcting understeering and oversteering and distributing the brakeforce on the appropriate wheels.

System intervention

The system intervention is signalled by the flashing of the instrument panel warning light  to inform the driver that the car is in critical stability and grip conditions.

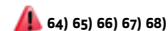


TC (Traction Control) SYSTEM

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.

System intervention

The system intervention is signalled by the flashing of the instrument panel warning light  to inform the driver that the car is in critical stability and grip conditions.

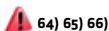


PBA (Panic Brake Assist) SYSTEM

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

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.



64) 65) 66)

BLD (Brakes Lock Differential) SYSTEM

The BLD system, acting on the brakes, distributes engine torque to the wheel with the most grip so as to disengage the car in low-grip conditions.

DTV (Dynamic Torque Vectoring) SYSTEM

The DTV system improves the car's agility and stability by braking one wheel on the rear axle and increasing engine torque.

HSA (Hill Start Assist) SYSTEM

It is an integral part of the ESC system and facilitates starting on an incline.



69) 70)

ERM (Electronic Rollover Mitigation) SYSTEM

The system monitors the tendency of the wheels to rise from the ground if the driver performs extreme manoeuvres like quick steering to avoid an obstacle, especially in poor road conditions. If these conditions occur, the system intervenes on the brakes and engine power to reduce the possibility that the wheels are raised from the ground. It is not possible to avoid tendency to roll over if the phenomenon is due to reasons such as driving on high side gradients, collision with objects or other cars.



71)

RAB (Ready Alert Braking) SYSTEM

It is a system that is activated automatically if the accelerator is released quickly, with the aim of preparing the braking system by making the response time quicker, thereby reducing stopping distances in the event of subsequent emergency braking.

TSC (Trailer Sway Control) SYSTEM

The system employs a series of sensors located on the car to identify excessive swerving of the trailer and take the necessary precautions to eliminate it.

System intervention

When the system is active, the warning light flashes on the instrument panel , the engine power is reduced and braking can be felt on the individual wheels, following the attempt to eliminate the swerving of the trailer. The system is active only with ESC engaged.

When the ESC system is deactivated (by pressing the button on the central tunnel), the TSC system is deactivated as well.



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DISABLING ACTIVE SAFETY SYSTEMS

Depending on the versions, there are 3 configurations for the active safety systems on the car:

- ☐ systems enabled
- ☐ systems partially disabled
- ☐ systems disabled

Systems enabled

All active safety systems are enabled. This is the normal operating mode when driving a four-wheel-drive car.

This mode should be used in most driving conditions. The system will be in "Systems enabled" mode every time the motor is started.

WARNING You are advised to select "Systems partially disabled" or "Systems disabled" modes only for specific driving requirements.

Systems disabled

Rotating the DNA™ selector on the centre tunnel to  OFF for a minimum of 2 seconds will completely disengage the following systems: ESC (Electronic Stability Control), TC (Traction Control), ASR (Anti-Spin Regulation), ERM (Electronic Rollover Mitigation), TSC (Trailer Sway Control) and RAB (Ready Alert Braking). The other systems remain enabled.

Activation of the mode is indicated by illumination of the **ESC OFF** lamp on the instrument panel.

To reset the 'Systems Enabled' mode of operation, turn the selector switch on the centre tunnel back to  OFF.



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"Systems enabled" mode will automatically reactivate every time the motor is started.



IMPORTANT

62) 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.

63) To achieve maximum efficiency of the braking system, a settlement period of about 500 km (310 miles) is required. During this time, avoid sudden, repeated and prolonged braking.

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

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

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

67) For the correct operation of the 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.

68) The 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.

69) 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" chapter in the "Starting and driving" section).

70) 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.

71) The performance of a car with ERM must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver or other people at risk.

72) We always recommend driving with the utmost caution when towing trailers. Never exceed the maximum permitted loads (refer to the "Weights" chapter in the "Technical Data" section).

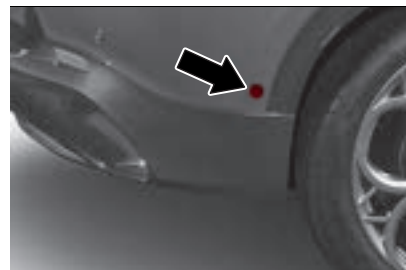
73) The TSC system cannot prevent swerving for all trailers. If the system activates during driving, reduce the speed, stop the car in a safe place and arrange the load correctly to prevent the trailer from swerving.

DRIVING ASSISTANCE SYSTEMS

BSM (Blind Spot Monitoring) SYSTEM (where provided)

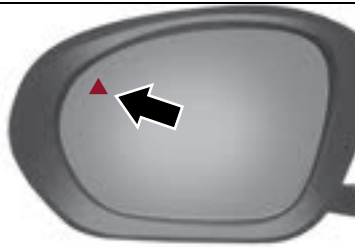
The system uses two radar sensors, located in the rear bumper (one for each side - see fig. 115) to detect the presence of vehicles (cars, trucks, motorbikes, etc.) in the rear side blind spots of the car.

The system warns the driver about the presence of cars in the detection area by lighting up, on the relevant side, the warning light located on the door mirror fig. 116, along with an acoustic warning. When the ignition device is in the ENGINE position, or when the engine is started, the warning light turns on to signal the driver that the system is active.



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Sensors

The sensors are activated by shifting to any forward gear at a speed higher than about 10 km/h, or when reverse is engaged. The sensors are temporarily deactivated when the vehicle is stationary and the transmission is in the P (Park) position.

The detection area of the system covers about a lane on both sides of the vehicle (around 3 metres). This area begins from the door mirror and extends for about 6 metres towards the rear part of the car.

With the sensors active, the system monitors the detection areas on both sides of the vehicle and warns the driver about the possible presence of vehicles in these areas.

While driving the system monitors the detection area from three different input points (side, rear and front) to check whether a signal needs to be sent to the driver. The system can detect the

presence of a vehicle in one of these three areas.

Important notes



The system does not signal the presence of fixed object (e.g. safety barriers, poles, walls, etc.). However, in some circumstances, the system may activate in the presence of these objects. This is normal and does not indicate a system malfunction.

The system does not warn the driver about the presence of cars coming from the opposite direction, in the adjacent lanes.

If a trailer is hitched to the car, the system automatically deactivates.

For the system to operate correctly, the rear bumper area where the radar sensors are located must stay free from snow, ice and dirt gathered from the road surface.

Do not cover the rear bumper area where the radar sensors are located with any object (e.g. adhesives, bike rack, etc.).

If a tow hook has to be installed after purchasing the vehicle, the system must be deactivated from the display Menu or using the Alfa Connect with Navigator / Alfa Connect system.

Rear view: the system detects vehicles approaching to the rear part of your vehicle on both sides and entering the

rear detection area with a speed delta lower than 50 km/h with respect to your vehicle.

Overtaking vehicles: if another vehicle is overtaken slowly (with a speed delta lower than about 25 km/h) and this stays in the blind spot for about 1.5 seconds, the warning light on the door mirror of the corresponding side lights up. If the difference in speed between the two vehicles is greater than about 25 km/h, the warning light does not light up.

Changing the system settings

System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driver Assist" > "Blind Spot Monitoring").

RCP (Rear Cross Path detection) system

This system helps during reverse manoeuvres in the case of reduced visibility.

During "RCP" operating mode, the system produces acoustic and visual indications when if the presence of an object is detected.

The system can be activated/deactivated using the display Menu or the Alfa Connect with Navigator / Alfa Connect system.

The system monitors the rear detection areas on both sides of the vehicle,



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to detect objects moving towards the sides of the vehicle at a minimum speed comprised between about 1 km/h and 3 km/h and objects moving at a maximum speed of 35 km/h, as generally happens in the parking areas. The system activation is signalled to the driver by means of a visual and acoustic warning. **WARNING** If the sensors are covered by objects or vehicles, the system will not warn the driver.

"Blind Spot Alert", "Visual" mode: when this mode is active, the BSM system sends a visual warning to the door mirror relating to the object detected. During the operation in RCP mode, the system sends visual and acoustic warnings when the presence of an approaching object is detected. When an acoustic warning is sent, the Alfa Connect with Navigator / Alfa Connect system volume is lowered.

"Blind Spot Alert", "Sound & Display" mode: when this mode is active, the BSM system sends a visual warning to the door mirror relating to the object detected

If the direction indicator on the side where an obstacle has been detected is activated, an acoustic warning is emitted as well.

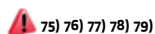
When the acoustic warning is emitted, Alfa Connect with Navigator / Alfa Connect system volume is lowered.

"Blind Spot Alert" function

deactivation: When the system is deactivated ("Blind spot alert" mode at "OFF"), the BSM or RCP systems will not emit neither acoustic nor visual warnings. The BSM system will store the operating mode running when the engine was switched off: each time the engine is started, the operating mode stored previously will be recalled and used.

AUTONOMOUS EMERGENCY BRAKING (AEB) SYSTEM

(where provided)



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33) 34) 35) 36) 37)

This is a driving assistance system consisting of a camera mounted in the middle of the windscreen fig. 117 capable of intervening in case of vehicles, cyclists and pedestrians.

In the event of an imminent collision the system intervenes by automatically braking the car to prevent the impact or reduce its effects.



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The system provides the driver with audible and visual signals through specific messages on the instrument panel display.

The warnings are intended to allow the driver to react promptly, in order to prevent or reduce the effects of a potential accident.

In situations with the risk of collision, if the system detects no intervention by the driver, it provides automatic braking to help slow the car and mitigate the potential frontal collision (automatic braking).

If intervention by the driver on the brake pedal is detected but not deemed sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing car speed further (additional assistance in braking stage). The system will not intervene if the driver takes control of

the car and is recognised as being aware of the situation and possible collision. The car is equipped with either “creeping” (Diesel/Petrol versions) or “eCreeping” (Plug-in Hybrid Q4 and Hybrid versions) functions: it may then restart a few seconds after the automatic stop.

WARNING After the car is stopped, the brake callipers may be locked for about 2 seconds for safety reasons. Press the brake pedal if the car should advance slightly.

Engagement / disengagement

The Autonomous Emergency Braking Control can be deactivated (and then switched back on again) using the Alfa Connect with Navigator / Alfa Connect system (see “Settings” in the “Multimedia” section).

The system can be turned off even with the ignition device in the ENGINE position.

The system can be set to two activation levels:

- ❑ *system active*: the system (if active), in addition to the visual and acoustic warnings, provides automatic braking and additional assistance in braking stage, where the driver does not brake sufficiently in the event of a potential frontal impact

- ❑ *system deactivated*: the system does not give visual and acoustic warnings, limited braking, automatic braking or additional assistance during braking. The system will therefore provide no indication of a possible accident

WARNING Visual signals will indicate the direction of detection of the obstacle (vehicles, pedestrians or cyclists).

Activation / deactivation

If the Autonomous Emergency Braking has been correctly activated, it will be active each time the engine is started.

The system is deactivated if this is selected on the instrument panel or Alfa Connect with Navigator / Alfa Connect system menu.

Following a deactivation, the system will not warn the driver about the possible accident with the preceding vehicle, regardless of the setting selected.

The system activation status will not be kept in the memory when the engine is switched off: if the system is deactivated when the engine is switched off, it will be active when it its next started.

After a deactivation, the system can be reactivated from the Alfa Connect with Navigator / Alfa Connect system or instrument panel menu.

The function is not active at speed below 5 km/h.

The system is only active if:

- ❑ it has been activated correctly
- ❑ it has not been deactivated using the instrument panel or Alfa Connect with Navigator / Alfa Connect system
- ❑ the ignition device is in the ENGINE position
- ❑ car speed is higher than 5 km/h

Changing the system sensitivity

The sensitivity of the system can be changed through the Alfa Connect with Navigator / Alfa Connect system or instrument panel menu, choosing from one of the following three options: “Near”, “Med” or “Far”. See the description in the “Multimedia” section for how to change the settings.

The default option is “Med”. With this setting, the system warns the driver of a possible collision with the vehicle in front when that vehicle is at a standard distance, between that of the other two settings. This setting offers the driver reaction time longer than that of the “Near” setting but shorter than that of the “Far” setting in the event of a potential accident.

By setting system sensitivity to “Near”, the system warns the driver of a possible accident with the vehicle in front when that vehicle is a short distance away.

With the system sensitivity set to “Far”, the system will warn the driver of a



possible collision with the vehicle in front when that vehicle is at a greater distance, thus providing the possibility of acting on the brakes more lightly and gradually. This setting provides the drivers with the maximum possible reaction time to prevent a potential accident.

The system sensitivity setting is kept in the memory when the engine is switched off.

Function temporarily not available warning

If the deactivation warning light comes on together with the failure warning lights without having intentionally deactivated the system, a condition temporarily disabling operation of the system may have occurred. The main possible causes of this temporary blinding may be weather-related (heavy rain, fog, sun low down on the horizon, etc.).

Although the car can still be driven in normal conditions, the system may be temporarily not available.

When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact an Alfa Romeo Dealership.

Warning of system disabling due to an obstruction

If the dedicated message is displayed, a condition disabling operation of the system may have occurred. The possible cause of this disabling is a camera obstruction. If an obstruction is signalled, clean the area of the windscreen indicated in fig. 117 and check that the message has disappeared. Although the car can still be driven in normal conditions, the system is not available.

When the conditions disabling the system functions end, it will return to normal and complete operation. Should the fault persist, contact an Alfa Romeo Dealership.

Settings

Activation status and system settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driving Assist" > "Autonomous Emergency Braking").

System Fault Message

If the system switches off and a dedicated message is shown on the display, it means that there is a fault on the system.

In this case, it is still possible to drive the vehicle, but you are advised to contact an Alfa Romeo Dealership as soon as possible.

Driving in special conditions

In certain driving conditions, such as, for example:

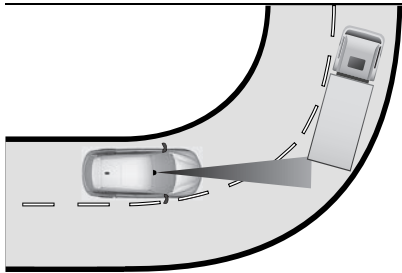
- ▣ driving close to a bend
- ▣ vehicles with small dimensions and/or not aligned in the driving lane
- ▣ lane change by other vehicles
- ▣ vehicles travelling at right angles to the car

System intervention might be unexpected or delayed. The driver must therefore be very careful, keeping control of the car to drive in complete safety.

WARNING In particularly complex traffic conditions, the driver can deactivate the system manually through the Alfa Connect with Navigator / Alfa Connect system or the instrument panel.

Driving close to a bend

When entering or leaving a wide bend, the system may detect a car that is in front of you, but that is not driving in the same lane fig. 118. In cases such as these, the system may intervene.

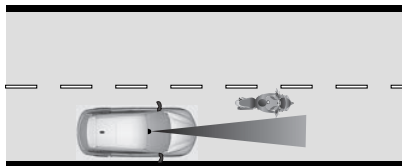


118

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Vehicles with small dimensions and/or not aligned in the driving lane

The system cannot detect cars in front of the car but outside the field of vision of the camera and may therefore not react in the presence of small cars, such as motorbikes. fig. 119.



119

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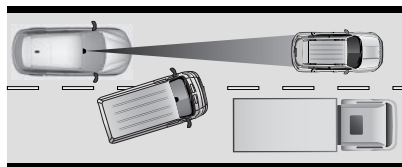
Pedestrian/cyclist detection

While driving, when there is a risk of collision with a pedestrian or cyclist, the system will display the relevant warning

message indicating the direction of obstacle detection and, if necessary, apply the brakes.

Lane change by other vehicles

Vehicles suddenly changing lane, entering the same lane as your car and this moving into the field of vision of the camera, may cause the system to intervene fig. 120.



120

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Important notes

The system has not been designed to prevent impacts and cannot detect possible conditions leading to an accident in advance. Failure to take into account this warning may lead to serious or fatal injuries.

In case of complex scenarios, unexpected or unnecessary warnings or braking may occur.

LANE KEEPING ASSIST (LKA) SYSTEM DESCRIPTION

The Lane Control makes use of a camera located on the windscreen to detect the lane limits and calculate the position of the car within such limits, in order to make sure that it remains inside the lane.

When the one of the lane lines is detected and the car crosses it without the awareness of the driver (direction indicator off), the Lane Keeping Assist system provides a visual warning on the instrument panel and a tactile warning in form of torque applied to the steering wheel (vibration) when the lane limit is approached, thus advising the driver that he must take an action to remain in the lane.

WARNING The torque applied to the steering wheel by the system is sufficient for the driver to notice it, but always limited, so that they can easily override it, and the driver always maintains control of the car. The driver can therefore turn the steering wheel as required at all times.

SYSTEM ON/OFF

When the car is started the system is enabled.

To disengage the system, press the fig. 121 on the lever on the left steering wheel twice. If the button is not pressed



ABC

twice within 5 seconds, the system will remain enabled.



121

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The system activation/deactivation choice made by the driver will be maintained the next time the engine is started.

For versions/markets, where provided, the disconnection of the system is signalled by the symbol  on the instrument panel display.

Activation conditions

Once switched on, the system becomes active only if the following conditions are met:

- ❑ the driver keeps at least one hand on the steering wheel
- ❑ car speed ranges between 60 km/h and 180 km/h
- ❑ the lane is delimited at least on one side

- ❑ there visibility conditions are suitable
 - ❑ the road is straight or with wide radius bends
 - ❑ the direction indicator (lane departure) is not activated in the same lane departure direction as the car
- WARNING The system does not apply the torque to the steering wheel when a safety system is activated (brakes, ABS, ASR system, ESC system, Autonomous Emergency Braking (AEB) system, etc.).

SYMBOLS AND MESSAGES ON THE DISPLAY

The Lane Keeping Assist system also advises the driver when the car changes lane by showing symbols and messages on the instrument panel display.

Versions with reconfigurable multifunction display

When the system is active and the lane limits have not been detected, the lane lines are grey and a dedicated icon is shown in the dedicated top area of the display.

Exiting a lane with detection of one or both limits

When the system is active, the lane lines on the display become white to indicate successful detection of the limits fig. 122.



122

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When the system detects that the car has approached the lane line, the corresponding line on the display turns yellow and the car icon shown on the display becomes yellow.fig. 123



123

9651002

When the system detects that the car has approached the lane line and is about to pass it, the left line on the display (yellow) flashes, the car icon on the display turns yellow and the steering wheel will start vibrating.

The system works even when only one of the two lane lines is detected. On the display, the corresponding line will turn white, while the other will be grey. In this case, the system intervenes only for lane departure in the direction in which the limit is present.

Changing the system settings

System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driver Assist" > "Lane Keeping Assist").

System limited operation warning



If the dedicated message is shown on the display, a condition limiting the system operation may have occurred. The possible reasons of this limitation are something blocking the camera view or a fault.

If an obstruction is signalled, clean the area of the windscreen by the interior rear-view mirror and check that the message has disappeared.

Although the car can still be driven in normal conditions, the system may be not completely available.

When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact an Alfa Romeo Dealership.

No hands on steering wheel detection

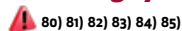
If the system detects no hands from the steering wheel during active system intervention, the system will produce an escalation of visual-acoustic warnings, which will take 15 seconds to invite the driver to put the hands on the steering wheel. If you do not put your hands on the wheel within this time, the system will disconnect and provide an additional warning for 5 seconds.

System Fault Message

If the system switches off and a dedicated message is shown on the display, it means that there is a fault on the system.

In this case, it is still possible to drive the vehicle, but you are advised to contact an Alfa Romeo Dealership as soon as possible.

iTPMS (indirect Tyre Pressure Monitoring System)



The car can be equipped with the iTPMS (indirect Tyre Pressure Monitoring System) which monitors the tyre inflation status.

CORRECT TYRE PRESSURE

If no flat tyres are detected, the outline of the car will be shown in the dedicated display screen.

LOW TYRE PRESSURE

The system warns the driver if one or more tyres are flat by turning on the (!) symbol on the instrument panel and showing a warning screen fig. 124 on the display along with an acoustic warning. This warning is displayed also when turning the engine off and on again until the RESET procedure is carried out.



124

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RESET PROCEDURE

The iTPMS needs an initial "self-learning" phase (with length depending on the driving style and road conditions: optimal conditions being driving on a straight road at 80 km/h for at least 20 minutes) which starts when the RESET procedure is carried out manually.

The RESET procedure must be carried out:

- ☐ each time tyre pressure is modified
- ☐ when even only one tyre is replaced

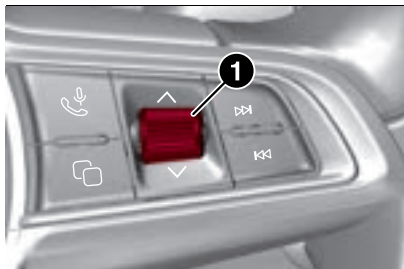


ABC

- ❑ when the tyres are rotated/inverted
- ❑ when the space-saver wheel is fitted

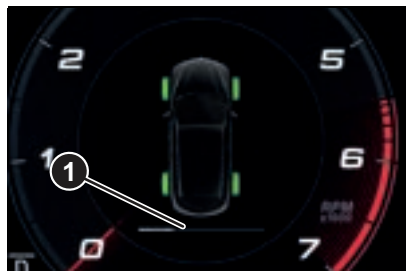
Before carrying out the RESET procedure, inflate the tyres to the rated pressure values specified in the inflation pressure table (see the "Wheels" chapter in the "Technical specifications" section). If the RESET is not carried out, in all above cases, the (!) warning light may give false indications on one or more tyres.

To perform a RESET, with the car stopped, the ignition device in ENGINE position and the iTPMS Widget displayed on the instrument panel, press the ring fig. 125 until band (1) fig. 126 is completely white. If you release the ring before the procedure is complete, RESET will fail.



125

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126

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OPERATING CONDITIONS

The system is active for speeds above 15 km/h.

In a few situations such as sporty driving, particular conditions of the road surface (e.g. icy, snowy, unsurfaced roads) the signalling may be delayed or partial in detecting the contemporary deflation of more than one tyre.

Under special conditions (e.g. car loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver wheel, use of the "Fix&Go" tyre repair kit, fitting snow chains, fitting different tyres on the axles) the system may provide false indications or be temporarily deactivated.

If the system is temporarily deactivated the (!) warning light flashes for about 75 seconds and then is continuously on; at the same time, the display shows the shape of the car and the symbols "– –" will appear next to each tyre.

This warning is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.

In the case of abnormal signals, it is recommended to perform the RESET procedure. If the indications appear again after a successful RESET, check that the tyres used on all four wheels are the same and that the tyres are not damaged. As soon as possible, refit the standard tyre instead of the space-saver wheel, remove the snow chains, if possible, check correct load distribution and repeat the RESET procedure by driving on a clean, paved road surface. If the indications persist, contact an Alfa Romeo Dealership.

DRIVER ATTENTION ASSIST SYSTEM (where provided)

This is an auxiliary driving assistance system that detects when the driver is tired.

ACTIVATION / DEACTIVATION (for versions/markets where provided)

The system is always active and the warnings can be deactivated using the "Settings" menu of the Alfa Connect with Navigator / Alfa Connect system (see "Settings" in the "Multimedia" section) or via the instrument panel (see "Settings" in the "Display" paragraph in the "Knowing the instrument

panel" section). The system can be activated/deactivated (on some versions/markets, where provided). The AAD system settings are reactivated each time the engine is started.

SYSTEM INTERVENTION

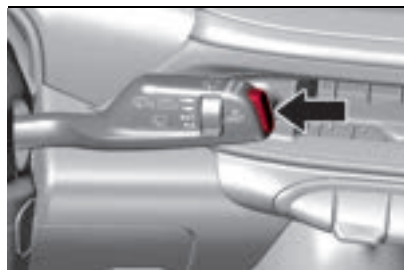
The system intervenes if the camera in the middle of the windscreen fig. 117 detects that the driver is tired, based on variations in car trajectory and getting too close to the side of the road.

The (red) ☕ symbol appears on the instrument panel screen with a dedicated message suggesting the driver to stop and take a break. An acoustic warning is also emitted.

☐ If the driver **accepts** the suggestion provided by the system and stops for a pause, by pressing and holding the "MENU VIEW" button on the right-hand steering wheel lever fig. 127, the message will disappear from the display and the ☕ symbol will remain in the dedicated area of the instrument panel display until the engine is turned off/restarted.

☐ If the driver **ignores** the warning provided by the system and does not stop, the message will continue to be displayed on the instrument panel display until the "MENU VIEW" button located on the right shift paddle fig. 127 is pressed and held. The symbol ☕ will

remain displayed in the dedicated area of the instrument panel display.



WARNING In the event of a system fault, the amber ☕! symbol appears on the instrument panel display together with a dedicated message.

System limitations

Under the following conditions, the system may not work properly or even not work at all:

- ☐ low visibility due to poor road lighting, snowfall, heavy rain, dense fog, etc.
- ☐ glare due to vehicle headlights coming from the opposite direction, low sun, reflections on wet road, exit from a tunnel, alternation between light and shadow, etc.
- ☐ the area of the windscreen in front of the camera is covered with dirt, snow, stickers, etc.

- ☐ the lane demarcation lines have not been detected or multiple lane demarcation lines have been detected due to road work
- ☐ close vehicles ahead
- ☐ The advanced lane keeping assist system is active
- ☐ winding or narrow roads
- ☐ front camera covered with snow, ice, mud, dirt or in the presence of damage to the windscreen or obstructions, for example stickers

Changing the system settings

For versions/markets where provided, the system is active ("On") each time the engine is started.

System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driving Assist" > "Driver Attention Assist").

DRIVER FATIGUE AND DISTRACTION DETECTION WITH DRIVER MONITORING CAMERA

For versions/markets where provided, the system monitors and analyses the visual signs of driver fatigue or distraction, monitoring the movements of the face, head and eyes.

The system monitors the driver's level of alertness at speeds above 20 km/h.



The system is not active when the steering angle is greater than 45°.

The system does not record any video and is unable to identify the driver.

Visual signs of fatigue or distraction may include the following:

- ❑ if the driver looks away longer or more frequently from traffic
- ❑ microsleep episodes

If the system detects certain facial movements, for example complete closure of the eyes for a certain period of time, or analyses a certain level of fatigue or distraction, an alarm is triggered.

Driver Alert

A message is displayed and a beep is played to the driver.

In addition,  it appears in the digital instrument panel.

If severe distraction or fatigue is detected, for example episodes of microsleep or drowsiness, the driver is immediately alerted with a message accompanied by  and a more marked audio signal.

- ❑ If the driver **accepts** the suggestion provided by the system promptly (within a few seconds) and stops for a pause, by pressing and holding the "MENU VIEW" button on the right-hand steering wheel lever fig. 127, the message will disappear

from the display and the  symbol will remain in the dedicated area of the instrument panel display until the engine is turned off/restarted.

- ❑ If the driver **ignores** the warning provided by the system promptly (within a few seconds) and does not stop, the message will continue to be displayed on the instrument panel display until the "MENU VIEW" button located on the right shift paddle fig. 127 is pressed and held. The symbol  will remain displayed in the dedicated area of the instrument panel display.

Resetting

According to the version, the driver fatigue and distraction detection is reset in the following situations:

- ❑ the ignition switch has been switched off for a few minutes
- ❑ the speed remains below 65 km/h for a few minutes
- ❑ the driver's seat belt has been unbuckled and the driver's side door has been opened
- ❑ the driver has changed
- ❑ the system is reselected

System limitations

In the following situations, the driver monitoring camera system may not work properly or may not work at all:

- ❑ driver monitoring camera covered with dirt or obstructions, for example stickers
- ❑ the driver is wearing sunglasses with an infrared transmittance of less than 70%
- ❑ the driver monitoring camera is exposed to extremely high temperatures

Fault

In the event of a system fault, the symbol appears on the digital instrument panel  a message is displayed and an acoustic warning is emitted. Contact an Alfa Romeo Dealership.

 lights up on the digital instrument panel, accompanied by a message indicating that the camera may be covered. Stop the vehicle and check if the camera needs to be cleaned. If the symbol  remains lit after cleaning the camera, contact an Alfa Romeo Dealership.

 lights up on the digital instrument cluster accompanied by a message indicating that the driver monitoring camera cannot detect facial and/or eye movements due to, for example, sunglasses.

Changing the system settings

For versions/markets where provided, the system is active ("On") each time the engine is started. System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see

"Settings" > "Safety & Driving Assist" > "Driver Attention Assist").

POST COLLISION BRAKING SYSTEM

(where provided)

The Post Collision Braking system activates the brakes in case of a collision at the front, side or rear of the car, to avoid further swerving or collisions.

The system, operational at all speeds, is activated when the airbag control module deploys further to a collision which has just happened. The Post Collision Braking system does not automatically brake the car if the accident has damaged the braking system or the stability control.

The Post Collision Braking system is not activated if the stability control has failed.

The system is deactivated if the driver floors the accelerator during its activation.

If the pressure the driver applies to the brake pedal is lower than that applied by the Post Collision Braking system, the system is still activated.

If the pressure the driver applies to the brake pedal is higher than that applied by the system, the system deactivates.



IMPORTANT

74) The system is an aid for car driving, it DOES NOT warn the driver about incoming cars outside of the detection areas. The driver must always maintain a sufficient level of attention to the traffic and road conditions and for controlling the trajectory of the vehicle.

75) The system is an aid for the driver, who must always pay full attention while driving. 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 vehicle in front.

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

77) If the driver presses the accelerator pedal fully or steers abruptly during system operation, the automatic braking function may stop (e.g. to allow a possible manoeuvre to avoid the obstacle).

78) The system intervenes on vehicles, pedestrians and cyclists travelling in the same lane. Animals and things (e.g. pushchairs) are not taken into consideration.

79) If the car must be placed on a roller bench for maintenance or if it is washed in an automatic car wash with an obstacle in the front part (e.g. another vehicle, a wall or another obstacle), the system may detect its presence and activate. Therefore, in this case the system must be deactivated.

80) If the iTPMS system signals a pressure drop on the tyres, it is recommended to check the pressure on all four tyres.

81) The iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; it is not even to be considered a replacement system for maintenance or a safety system.

82) Tyre pressure must be checked with tyres 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, but repeat the check when tyres are cold.

83) The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.

84) The system only warns that the tyre pressure is low: it is not able to inflate them.

85) Insufficient tyre inflation increases electrical energy consumption, reduces the tread duration and may affect your ability to drive safely.



WARNING

33) The system may have limited operation or not work at all in weather conditions such as, low sun, heavy rain, hail, thick fog, heavy snow.

34) System intervention might be unexpected or delayed when other vehicles transport loads projecting from the side, above or from the rear, with respect to the normal size of the vehicle.

35) Operation can be adversely affected by any structural change made to the car, such



ABC

as a modification to the front geometry, tyre change, or a heavier load than the standard load of the car.

36) Incorrect repairs in the zone where the camera is mounted may interfere with its field of vision and reduce its performance (e.g. application of fillers or glues to remove scratches). Go to an Alfa Romeo Dealership for any operation of this type.

37) Do not tamper with nor operate on the camera on the windscreen. In the event of a sensor failure, contact an Alfa Romeo Dealership.

38) The camera may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow, formation of ice layers on the windscreen glass.

39) Camera operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen glass, by traffic conditions (e.g. cars that are driving not aligned with yours, car driving in a transverse or opposite way on the same lane, bend with a small radius of curvature), by road surface conditions and by driving conditions (e.g. off-road driving). Make sure the windscreen is always clean. Use specific detergents and clean cloths to avoid scratching the windscreen. The camera operation may also be limited or absent in some driving, traffic and road surface conditions.

PEDESTRIAN ACOUSTIC WARNING SYSTEM

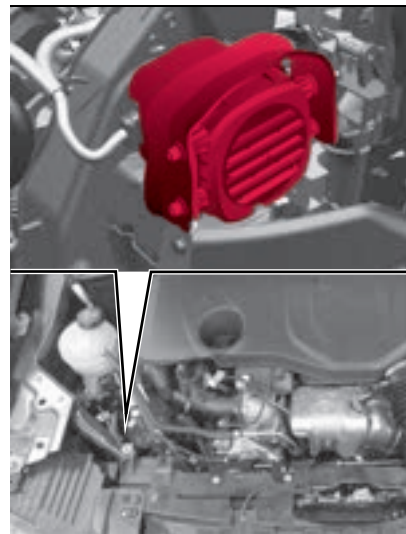
(Hybrid and Plug-In Hybrid Q4 versions)



During the electric operating mode ("Advanced Efficiency" in the Plug-In Hybrid Q4 version), children, pedestrians, cyclists, animals and other road users may not hear the vehicle because the normal noise produced by the heat engine is not present: this represents an accident hazard, in particular at low speeds, such as in car parks. Adapt your driving style to traffic conditions. Observe traffic conditions and actively intervene according to the situation.

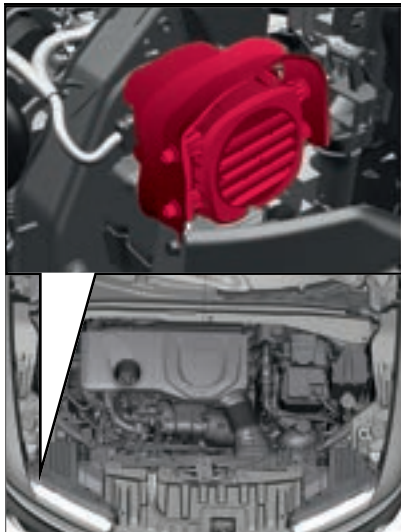
The car is equipped with a pedestrian acoustic warning system, located on the right side of the engine compartment, fig. 128 (Plug-In Hybrid Q4 version) or fig. 129 (Hybrid version), capable of reproducing the noise of the heat engine while driving in electric mode, thus alerting people in the vicinity of the car that it is approaching.

The intensity of the acoustic warning varies depending on the speed.



128

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129

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WARNING The warning is deactivated when the car is stationary or when the transmission is in the "Park" (P) position.

NOTE The system, operating only at car speeds below 20 km/h, is always active and cannot be deactivated.



IMPORTANT

86) The pedestrian acoustic warning system is a driving aid and was not designed to avoid collisions. The driver must never reduce their level of attention while driving.

Driving is always the responsibility of the driver, who must take into consideration the traffic conditions to drive in complete safety. The driver is always required to maintain a safe distance from the vehicle in front and from any persons and/or animals located near the car. Failure to observe what is described could cause a collision or serious injuries to persons and/or animals located near the car.

OCCUPANT PROTECTION SYSTEMS

Some of the most important safety equipment of the car comprise the following protection systems:

- ☐ seat belts
- ☐ SBA (Seat Belt Alert) system
- ☐ head restraints
- ☐ child restraint systems
- ☐ front airbags and side bags

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" chapter in the "Knowing your car" section.

SEAT BELTS

USING THE SEAT BELTS

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

Always fasten the seat belts before setting off.

The seat belt should be worn keeping the chest straight and rested against the backrest.

To fasten the seat belts, hold fastening tongue (1) fig. 130 and insert it into buckle (2), until it clicks into place.

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

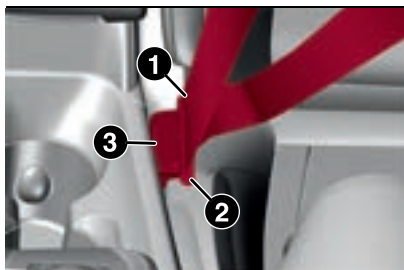
To unfasten the seat belts, press button (3) and guide the seat belt with your hand while it is rewinding, to prevent it from twisting.



(87) (88)



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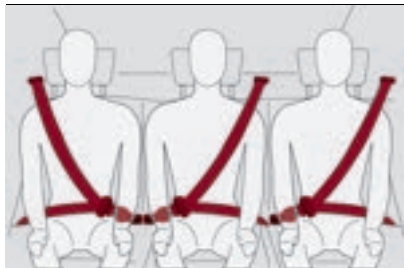


130

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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. 131.



131

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WARNING When returning the rear seat from the tilted position to the normal operating position, take care to refit the

seat belt correctly, in order to guarantee prompt availability every time.

ADJUSTING THE SEAT BELT HEIGHT

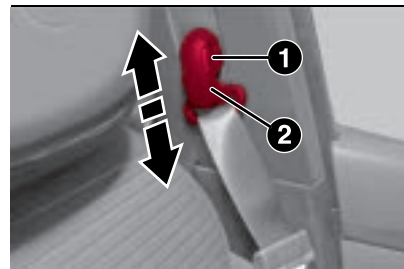


(89) (90)

Five different adjustments in height are possible.

To adjust the height, from the top to the bottom, press buttons (1) fig. 132 (located on both sides of handle (2)) and make the handle slid downwards.

The height adjuster moves upwards even without pressing the two buttons (1).



132

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Always adjust the height of the seat belts to fit the person wearing it: this precaution could greatly reduce the risk of injury in the event of a crash.

Correct adjustment is obtained when the belt passes approximately half way between the shoulder and the neck.



IMPORTANT

87) Never press button (3) fig. 130 when travelling.

88) 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.

89) Make height adjustment of the seat belts when the car is stationary.

90) After height adjustment, always check that the cursor to which the ring is fastened is locked in one of the preset positions. To do this, with button (1) fig. 132 released, press downward more to allow the anchoring device to click if it has not been released in one of the possible positions.

SBA (Seat Belt Alert) SYSTEM

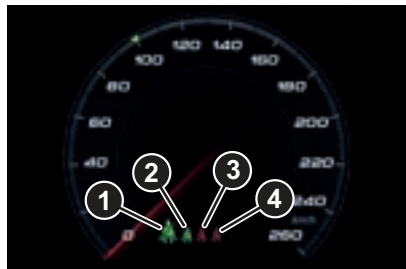
The SBA system warns the passengers of the front and rear (where provided) seats if their seat belt is not fastened.

The system warns unfastened seat belts with visual warnings (appearance of icons on the display) and an acoustic warning (see the following paragraphs).

NOTE To disable the acoustic warning permanently, go to an Alfa Romeo Dealership. The horn can be reactivated at any time through the display Menu (see the "Display" chapter in the "Knowing the instrument panel" section).

Front seat belt icon operation

At speeds of the car below 20 km/h, the symbol (1) fig. 133 is red if the driver's seat belt is not fastened or the passenger's seat belt is not fastened (with passenger seated).



133

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As soon as a speed threshold of 20 km/h is reached, with driver side seat belt or the passenger side seat belt (with occupant seated) unfastened, an acoustic signal is activated simultaneously with symbol (1) flashing in red for about 105 seconds.

Once activated, this indication cycle stays active for the entire time if the car is moving faster than 8 km/h or if reverse gear is not engaged or until the seat belts are fastened.

When the reverse is engaged, during the cycle of warnings, the acoustic warning is deactivated and the red symbol (1) turns on fixed. The cycle of warnings will be

reactivated as soon as speed exceeds 8 km/h again.

If the car speed drops to less than 8 km/h or if reverse gear is engaged during the warning cycle, the tone will be interrupted and the red symbol switches on fixed.

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

Operation of rear seat belt icons

(where provided)

Icons (2), (3), (4) fig. 133 on the instrument panel indicate:

- 2: rear left seat belt
- 3: rear central seat belt
- 4: rear right seat belt

With the car travelling at speed lower than 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 seat belts in the rear seats, 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

If there are no passengers in one or more rear seats, the symbol  is displayed in the corresponding position.

If the car is travelling at a speed faster than 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.

Furthermore, the icons lights up for a few seconds whenever one of the rear doors is opened.

With the SBA system enabled, whenever the ignition device is moved to ENGINE, the presence of an object on the rear seat is detected if a rear door has previously been opened for at least 1 second and the ignition device has been moved to START within the previous 10 minutes. If an object is detected, a warning message appears on the instrument panel display suggesting to check the rear seat for objects before exiting the car. Furthermore, when exiting the vehicle, a second message appears on the instrument panel display reminding you of the presence of objects on the rear seat.

WARNINGS

As far as the rear seats are concerned, the SBA system will only indicate



ABC

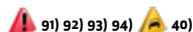
whether the seat belts are unfastened (red icon) or fastened (green icon), not the presence of any passengers.

The icons all stay off if all seat belts (front and rear) are fastened when the ignition device is set to the ENGINE position.

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

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

PRE-TENSIONERS



The car is equipped with front and rear 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 (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 an 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.

LOAD LIMITERS

To increase safety in the event of an accident, the front and rear 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 impact.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

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 must also be worn by pregnant women: the risk of injury in the event of an accident is 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. 80). While pregnancy increases, the driver must adjust both seat and steering wheel to have full control over the car (pedals and steering wheel should be easily accessed). The maximum clearance should be kept between the abdomen and the steering wheel.



The seat belt strap must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally (fig. 135). The lower part must adhere to the pelvis, not to the abdomen of the occupant. Never use devices (clips,

clamps, etc.) that hold the seat belt away from your body.



135

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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. 136. In general, do not place any objects between the person and the belt.



136

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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 that the seat belt working properly as follows: fasten 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



IMPORTANT

91) The pretensioner may be used only once. After its activation, contact an Alfa Romeo Dealership to have it replaced.

92) 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 an Alfa Romeo Dealership.

93) 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.

94) 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 there are no visible defects, the belt could have lost its resistance properties.



WARNING

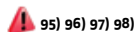
40) Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioner may cause damage or make it deploy. Contact an Alfa Romeo Dealership should intervention be necessary on these components.



ABC

CHILD RESTRAINT SYSTEMS

CARRYING CHILDREN SAFELY



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 rearward 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.



IMPORTANT

95) 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.

96) There is a symbol on the label on the sun visor that illustrates the need to deactivate the air bag if you are installing a rear-facing child seat. Always comply with the instructions on the passenger side sun

visor (see the "Supplementary Restraint System (SRS) - Airbag" chapter).

97) Should it be necessary to carry a child on the passenger side front seat in a rearward facing child restraint system, the passenger side front airbag and side bag must be deactivated through the display main menu (see the "Display" chapter in the "Knowing the dashboard" section), verifying deactivation by checking whether the  OFF LED has switched on in the panel located on the dashboard. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.

98) 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.

The ECE-R44 standard has been paired with the ECE R-129 regulation, which defines the characteristics of the new i-Size child restraint systems (see the "Suitability of passenger seats for i-Size child restraint system use" paragraph).

Group	Age	Weight groups	Size class / Fixing
Group 0	Indicatively up to 9 months	up to 10 kg in weight	ISO/L1
			ISO/L2
			ISO/R1
Group 0+	Indicatively up to 2 years	up to 13 kg in weight	ISO/R1
			ISO/R2
			ISO/R3
Group 1	Indicatively from 8 months to 4 years	9 - 18 kg	ISO/R2
			ISO/R3
			ISO/F2
			ISO/F2X
			ISO/F3
Group 2	Indicatively from 3 to 7 years	15 - 25 kg	-
Group 3	Indicatively from 6 to 12 years	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.

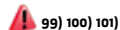


ABC

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, the Manufacturer advises customers to check that their chosen child restraint system can be installed on their vehicle by performing a trial installation, on the dealer's premises, before purchase.

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.

WARNING When installing the child restraint system, when it is necessary to unroll most of the belt strap, be careful to keep the belt well tensioned during the coupling, uncoupling and release phases.

WARNING The figures are indicative and provided for assembly purposes only. Fit

the child restraint system according to the instructions, which must be included. **WARNING** Following an accident of a certain importance, it is recommended to replace both the child restraint system and the seat belt to which it was bound.

Group 0 and 0+

Infants up to 13 kg must be carried with a rearward facing child restraint system of the type shown in fig. 137 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

The child restraint system is restrained by the vehicle seat belts, as shown in fig. 137 and it must restrain the child in turn with its own belts.

0-13 kg



137

9650267

Group 1

Children weighing from 9 to 18 kg may be transported in forward facing child restraint systems fig. 138.

9-18 kg



138

9650268

Group 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 139.

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.

15-25 kg



139

9650269

Group 3

For children between 22 kg and 36 kg, there are boosters which allow the seat belt to be worn correctly.

The fig. 140 shows the correct child positioning on the rear seat.

Children over 1.50 m in height can wear seat belts like adults.

22-36 kg



140

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IMPORTANT

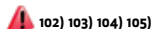
99) *Incorrect fitting of the child restraint system may result in an inefficient protection system. In the event of an accident the child restraint system may become loose and the child may be injured, even fatally. When fitting a restraint system for newborns or children, strictly comply with the instructions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

100) *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.

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

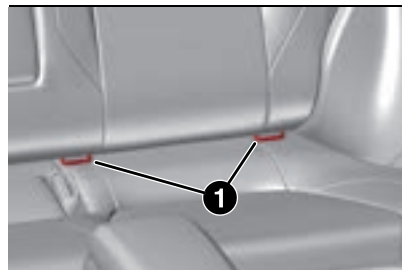
INSTALLING AN ISOFIX CHILD RESTRAINT SYSTEM



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

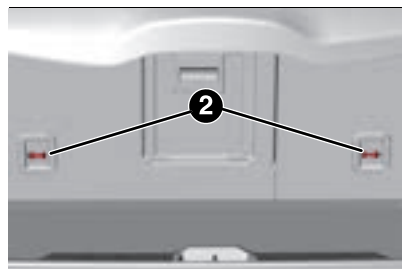
The ISOFIX system lets you install the ISOFIX child restraint system without using the car seat belts but connecting them directly to the car seat with three anchorages in the car. conventional child restraint systems can be fitted alongside ISOFIX child restraint systems on different seats in the same car.

To install an ISOFIX child restraint system, attach it to the two metal anchorings (1) fig. 141 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchoring (2) fig. 142 located behind the backrest.



141

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142

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fig. 143 shows an example of a Universal ISOFIX child restraint system for weight group 1.

WARNING The fig. 143 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.



ABC



143

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144

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When using a Universal ISOFIX child restraint system, only ECE R44 "ISOFIX Universal" (R44/03 or further upgrades) type-approved child restraint systems can be used (see fig. 144).

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).



IMPORTANT

102) 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.

103) Never use the same lower anchorage to attach more than one child restraint.

104) 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.

105) Fit the child restraint system when the car is stationary. The child restraint system is correctly fixed 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.

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. 145 will appear on the seats near the ISOFIX attachments.



145

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NOTE See the table shown on the following page to check whether your

car is approved for installing i-Size child restraint systems.



ABC

Child restraint system installation

The following table provides guidelines on positioning child restraint systems on the car 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 rearward facing child restraint systems (U)	X	X	NO	YES (a)(b)	YES	YES	YES
Seat suitable for forward facing child restraint systems (UF)	X	X	YES (a)(b)	NO	YES	YES	YES
i-Size seat (i-U)	X	X	NO	NO	YES	NO	YES
Seat suitable for ISOFIX side fixtures (L1 / L2)	X	X	NO	NO	NO	NO	NO
Seat suitable for ISOFIX rearward facing fixtures (R1/ R2 / R3) (IL)	X	X	NO	NO	YES (1)	NO	YES (1)
Seat suitable for ISOFIX forward facing fixtures (F2/ F2X / F3) (IUF)	X	X	NO	NO	YES	NO	YES

Number of seats							
Seat number	1	2	3		4	5	6
			Airbag ENABLED	Airbag DISABLED			

Seat suitable for forward facing child restraint systems fixtures (B2/B3) (IUF)

X	X	NO	NO	YES	NO	YES
---	---	----	----	-----	----	-----

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.

(a) The seat must be positioned no more forward than the longitudinal halfway point.

(b) = The front seat can only be used in configurations with height adjustable front passenger seat. For correct installation of the seat on these models, the height of the seat must be adjusted. It is not possible to install child seats on front passenger seat without height adjustment.

(1) = The ISOFIX child restraint system can be installed by adjusting the front seat (for R3 fixtures).

Adjust the head restraint (if adjustable) if it interferes with installation of the child restraint system.



ABC

RECOMMENDED SEATS FOR YOUR TONALE

In the markets in which they are available, Lineaccessori MOPAR® offers a complete range of child restraint systems to be fixed using the seat belt with three anchor points or the ISOFIX anchorages.

WARNING The manufacturer recommends fitting the child restraint system according to the instructions, which must be included.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+ : from birth to 13 kg from 40 to 85 cm		Peg Perego Primo Viaggio i-Size Order code AR: 50290501	i-Size universal child restraint system. It is installed in the opposite direction to the travel direction with the mandatory use of the i-Size sub-base (can be purchased together with the child restraint system or separately) and the isofix anchorages of the car. It must be fitted on the rear outer seats.
		Peg Perego Base i-Size Order code AR: 50290505	

Weight group

Child restraint system

Type of child restraint system

Child restraint system installation

Group 0+/1 : from birth to 13 kg from 40 to 85 cm



Peg Perego Viaggio FF105

Order code AR: 50290502

+

Peg Perego Base i-Size

Order code AR: 50290505

i-Size approved child restraint system.

It must be installed on the car absolutely together with the Peg Perego Base i-Size sub-base (to be purchased separately or together with the Peg Perego Primo Viaggio i-Size child restraint system).

It must be fitted on the rear outer seats.

Group 2: from 15 to 25 kg from 95 to 135 cm



Peg Perego Viaggio 2-3 Shuttle Plus

(for versions/markets, where provided)

Order code AR: 50290504

It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages of the car.

The Manufacturer will recommends installing it using the ISOFIX anchorage points of the car.

It must be fitted on the rear outer seats.



ABC

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 3: from 22 to 36 kg from 136 to 150 cm		Peg Perego Viaggio 2-3 Shuttle Plus (for versions/markets, where provided) Order code AR: 50290504	It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages of the car. The Manufacturer will recommends installing it using the ISOFIX anchorage points of the car. It must be fitted on the rear outer seats.

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 removed if needed to install a child restraint system.

The head restraint must always be present in the car and fitted if the seat is used by an adult passenger or a child sitting in a child restraint system without backrest

- ❑ if the passenger-side front airbag is deactivated, always check the corresponding warning light on the dashboard trim to make sure that it has actually been 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
- ❑ if the car has been involved in a road accident, replace the child restraint system with a new one. In addition, and depending on the type of child restraint system installed, replace the ISOFIX anchorages or the seat belt with which the child restraint system was connected

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The car is equipped with:

- ❑ front driver airbag
- ❑ front passenger airbag
- ❑ driver and passenger front side bags for pelvis, chest and shoulder
- ❑ window bags for head protection of front seat passengers and rear side seat passengers

FRONT AIRBAGS

The front driver/passenger airbags and the driver's knee bag (where provided) protect the front seat occupants in the event of frontal impacts of medium/high severity, by placing the bag 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.

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

In the event of impact, anyone not wearing a seat belt is projected forwards and may come into contact with the bag while it is still inflating. The protection



ABC

offered by the bag is compromised in these circumstances.

The front airbags may not activate in the case of a frontal impact against highly deformable objects not involving the front surface of the vehicle (e.g. wing collision against guard rail) or in the case of the vehicle wedging under other vehicles or protective barriers (e.g. under 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



106) 107)

This consists of an instantly inflating bag contained in a special compartment in the centre of the steering wheel fig. 146.



146

9650754

WARNING Do not use particularly aggressive products to clean the steering wheel airbag cover.

Passenger's front airbag and child restraint systems



108)

This consists of an instantly inflating bag contained in a special recess in the dashboard fig. 147: this bag has a larger volume than that on the driver side.



147

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Rearward facing child restraint systems must **NEVER** be fitted on the front seat with an active passenger airbag since in the event of an impact the airbag activation may cause fatal injuries to the transported child. **ALWAYS** follow the recommendations on the label located on the passenger sun visor on the mirror side fig. 148, fig. 149 (depending on versions) or the aesthetic side fig. 150.



148

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149

9650432



150

9650433

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

The passenger side front and side airbags can be deactivated on the Alfa Connect with Navigator / Alfa Connect system by selecting the following functions in sequence: "Settings", "Safety & driving assistance", "Passenger airbag". The system will check airbag activation/deactivation status and request confirmation of change of status.

On the dashboard are the ON and OFF LED status. Moving the ignition device to START switches on the two LEDs for few seconds. If not, contact an Alfa Romeo Dealership. 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. 151 switches on fixed.

Passenger protection deactivated: the OFF LED turns on fixed.



151

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IMPORTANT

106) 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 side of the dashboard since they could interfere with correct inflation of the passenger airbag and also cause serious injury to the passengers.

107) 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.

108) When there is an active passenger airbag, DO NOT install rearward facing child restraint systems on the front seat. Deployment of the airbag in a crash could cause fatal injuries to the child regardless of the severity of the collision. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed.



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[illegible]

SIDE BAGS

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. 153 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.

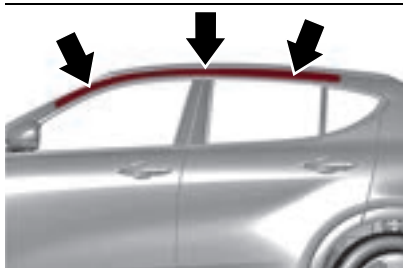


153

9650195

Window bag

This consists of a "curtain" bag housed behind the roof side linings and covered by special trims fig. 154. They are designed to protect the head of front and rear occupants in the event of a side collision, thanks to the wide cushion inflation surface.



154

9650282

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, thus allowing correct window bag deployment.

 109) 110) 111) 112) 113) 114) 115) 116) 117) 118) 119) 120)

Important notes

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 skin and eyes

however: in this case, wash with neutral soap and water.

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

If the car is scrapped, have the airbag system deactivated at an 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.

AUXILIARY BATTERY DISCONNECTION (Hybrid version)

WARNING In the event of a collision that is serious enough to trigger the airbag, the auxiliary battery is automatically disconnected from the electrical system in order to prevent short circuits and/or fires.

Contact an Alfa Romeo Dealership as soon as possible to have the electrical system checked.



IMPORTANT

109) Do not affix rigid objects to the coat hooks or support handles.

110) Do not rest your head, arms or elbows on the door, on the windows or in the



ABC

window bag area to prevent injury during deployment.

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

112) If the  warning light does not switch on or stays on whilst driving when the ignition device is turned to ENGINE, a failure may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Before proceeding, contact an Alfa Romeo Dealership to have the system checked immediately.

113) In some versions, in case of LED failure  **OFF** (located on the plate of the instrument panel), the light on the console turns on  and the passenger side airbags are deactivated. On some versions, in case of failure of the  **ON LED** (located on the dashboard), warning light  appears on the instrument panel.

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

115) 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.

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

117) If the starter switch is at ENGINE, even if the engine is switched off, airbags may be deployed when the car is stationary and hit by another moving vehicle. Therefore, even if the car is stationary, when an active front

passenger airbag is fitted, **DO NOT** install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag following a collision could cause fatal injuries to the child. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed. Also remember that, if the ignition device is set to STOP, none of the safety devices (airbags or pretensioners) will be deployed in the event of collision. Non-deployment in such cases does not indicate a system malfunction.

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

119) 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.

120) 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.

Event Data Recorder (EDR)

This vehicle is equipped with an Event Data Recorder (EDR). The main function of an EDR is to record, in particular crash or near-crash situations, such as the deployment of an airbag or impact against a road obstacle, data useful for understanding the performance of vehicle systems.

The EDR is designed to record data related to the dynamics and safety systems of the vehicle for a short time. The EDR of this vehicle is designed to record the following types of data at the time of the event:

- ☐ the operating modes of various systems in the vehicle;
- ☐ whether or not the driver and passenger safety belts were buckled;
- ☐ the amount of pressure applied (if any) by the driver on the accelerator and/or brake pedal; and
- ☐ the speed at which the vehicle is travelling.

This information provides a more complete picture of the circumstances in which collisions and injuries occur.

If all available EDR positions are occupied by locked events (i.e. cannot be overwritten by subsequent events), the airbag warning light comes on in the instrument panel. Other conditions may cause the airbag warning light to

come on. For more information, see "Supplementary Restraint System (SRS) - Airbag" in this section.

NOTE: Data from the EDR is only recorded by the vehicle if a non-negligible collision situation occurs; under normal driving conditions, the EDR does not record any data or personal information (e.g. name, gender, age and location of the accident). To read data recorded by an EDR, a "Crash Data Retrieval (CDR)" device made by Bosch is required and access to the vehicle or the EDR. If the contents of the EDR cannot be reproduced using the OBD connection port of the vehicle, the Bosch CDR tool can be connected directly to the control unit of the ORC occupant protection systems (ORC).

In addition to the vehicle manufacturer, the information can be read by other parties, such as the police, who are equipped with the required special equipment and have access to the vehicle or the EDR.



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*We have now reached the "heart" of the car: let's see how to
use the car 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.*

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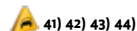
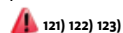
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STARTING THE ENGINE

Before starting the engine, 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.

On some versions, messages on the instrument panel indicating the starting procedure can be shown on the display.



PROCEDURE FOR VERSIONS WITH AUTOMATIC TRANSMISSION/DUAL CLUTCH AUTOMATIC TRANSMISSION

Proceed as follows:

- ❑ engage the electric parking brake and set the transmission to P (Park) or N (Neutral)
- ❑ fully press the brake pedal without touching the accelerator
- ❑ turn the ignition device to the START position. On Diesel versions, the  warning light on the instrument panel turns on: wait for the warning light to switch off
- ❑ if the engine does not start, set the ignition device back to STOP and wait for 10-15 seconds before repeating the starting procedure

❑ Press the button again to stop the engine starting procedure before pressing the ignition device

WARNING If, when the ignition device switch is in ENGINE position, the symbol

 on the display remains on together with warning light  turn the switch to STOP and then back to ENGINE. If the warning light remains on, try with the other keys provided with the car.

Contact an Alfa Romeo Dealership if the engine still does not start.

PROCEDURE FOR HYBRID VERSION

The engine can be started in thermal or electric mode: starting in the latter mode takes place based on the state of charge of the auxiliary battery (48V) and of the conventional battery (12V) and due to a combination of factors.

Proceed as follows to start the car:

- ❑ turn the ignition device to the ENGINE position
- ❑ engage electric parking brake and shift into neutral (N) or P (Park)
- ❑ fully depress brake pedal and hold it down
- ❑ move the ignition device to the START position: if the procedure has been carried out correctly, you can start driving
- ❑ the READY warning light will be displayed on the instrument panel when the car is ready to move. As long as

the READY light is displayed on the instrument panel, it does not matter whether the heat engine is started or not, the vehicle's propulsion is always available

- ❑ while holding down the brake pedal, position the transmission to the gear position (D)
- ❑ release the brake pedal and press the accelerator pedal
- ❑ press the accelerator pedal to start driving

NOTE The heat engine may not start in particularly cold external temperatures.

PROCEDURE FOR PLUG-IN HYBRID Q4 VERSION

The car is normally started with the electric motor. Under the following conditions, however, the heat engine may be used:

- ❑ when the temperature of the hybrid system is too high (approx. 50°C) or too low (approx. -10°C)
- ❑ when the high-voltage battery charge level is too low
- ❑ when the car is positioned on a steep slope
- ❑ when the transmission is in manual sequential mode ("Autostick")

Proceed as follows to start the car:

- ❑ turn the ignition device to the ENGINE position



- ❑ engage the electric parking brake and place the transmission in neutral (N) or "Park" (P)
- ❑ fully depress brake pedal and hold it down
- ❑ move the ignition device to the START position: if the procedure has been carried out correctly, you can start driving
- ❑ the READY warning light will be displayed on the instrument panel when the car is ready to move. As long as the READY light is displayed on the instrument panel, it does not matter whether the heat engine is started or not, the vehicle's propulsion is always available
- ❑ while holding down the brake pedal, position the transmission to the gear position (D)
- ❑ release the brake pedal and press the accelerator pedal
- ❑ press the accelerator pedal to start driving

NOTE With the car stationary or when the transmission is in neutral (N), the electric motor is running while the heat engine is off.

NOTE No noise will be generated by the electric motor while driving in electric mode.

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 respective button is pressed, it could mean that the electronic key is close to a metal object or electronic devices that block the wireless signal, or that the electronic key's battery is flat or depleted. 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, to start the engine, place the electronic key in the cup holder fig. 155 and press the ignition device.

NOTE If the doors are locked with the remote control, using Passive Entry (where provided) or using the app (where provided), the engine must be started:

- ❑ place the electronic key in the cup holder fig. 155 and press the ignition device
- ❑ unlock the doors using remote control, Passive Entry (where provided) or app (where provided) and press the ignition device



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ENGINE SHUTDOWN FOR PETROL AND DIESEL VERSIONS



To stop the engine, proceed as follows:

- ❑ park the car in a position where it is not a danger for oncoming traffic positioning the transmission in the P (Park) position
- ❑ set the ignition device to STOP with the engine idling

On the versions with Start&Stop system, to switch the engine off, you need to stop the car by pressing the brake pedal properly; if the pressure is not enough, the engine will not be switched off.

This feature can be exploited so that the engine does not switch off in particular traffic conditions.

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

With car speed above 8 km/h it is still possible to switch off the engine, even

with the transmission in a position other than P (Parking). 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. In this case the engine will stop and the ignition device will switch to STOP. It is possible to leave the car taking the electronic key with you, without the engine stopping.

ENGINE SHUTDOWN FOR PLUG-IN HYBRID Q4 AND HYBRID VERSIONS



124) 125)

Proceed as follows:

- with the car stationary, press the brake pedal
- put the transmission in P (Park)
- release the brake pedal
- Set the ignition device to the STOP position and stop the engine
- engage the electric parking brake

WARNING when the engine is switched on and off, a metallic noise may be heard due to the opening/closing of the electrical contacts. This noise is normal and is not intended to be an anomaly.



IMPORTANT

121) 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.

122) The brake servo is not active until the engine is started, so you would need to apply much more force than usual to the brake pedal.

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

124) When leaving the vehicle, you must set the transmission to P (Park). If you unintentionally press the accelerator pedal or when the transmission is in a position other than P (Park) the vehicle can move abruptly, resulting in serious injury or death.

125) Do not leave the vehicle in a poorly ventilated area with electrical operating mode on and heat engine switched off, as the heat engine may start automatically if the residual charge level of the high-voltage battery is insufficient. The exhaust gases generated can cause serious damage to people and animals.



WARNING

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

42) When the engine is switched off never leave the ignition device in the ENGINE position to prevent useless current absorption from draining the conventional battery.

43) 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.

44) Warning light  will flash after starting or during prolonged cranking to indicate a fault with the glow plug preheating system. If the engine starts, the car can be regularly used, but an Alfa Romeo Dealership must be contacted as soon as possible.

EMERGENCY ENGINE SHUTDOWN

(for Hybrid versions)

In the event of an emergency shutdown of the engine, either by pressing the ignition device for 3 consecutive times within 6 seconds or by pressing it for at least 2 seconds, wait at least 2 minutes before restarting the engine again, to recover the full functionality of the car and avoid activating emergency (recovery) or "limp home mode."



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ENGINE RUN-IN

RECOMMENDATIONS FOR RUNNING IN THE ENGINE

The engine and transmission components (transmission and axles) of the car do not require a long run-in period.

Drive at a moderate speed for the first 500 km. After the first 100 km, the speed should be increased to 80-90 km/h.

To help break-in, while driving at a constant speed, accelerate fully for short distances, obviously within the permitted speed limits. However, do not accelerate hard and long in low gears to avoid possible damage.

Original equipment motor oil is a high-quality lubricant that retains its lubricating properties for a long time. For quality and viscosity characteristics, please refer to the chapter "Motor compartment" in the "Maintenance and care" section.



45)

NOTE A new engine may consume a certain amount of oil and fuel during the first few thousand kilometres of use. This should be considered a normal part of running in and not a problem.



WARNING

45) *Never use non-detergent oil or straight mineral oil in the engine or damage may result.*

WHEN PARKED

When leaving the car, remember to always have the electronic key with you.

When parking and leaving the car, proceed as follows:

- ❑ shift the transmission to position P and leave the wheels steered
- ❑ stop the engine and apply the electric parking brake

Block the wheels with a wedge or a stone if the car is parked on a steep slope.

Before releasing the brake pedal, wait until P appears on the display.

WARNING NEVER leave the car before having put the transmission in P.

ELECTRIC PARKING BRAKE (EPB)

The car is equipped with electric parking brake (EPB) 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. 157 or fig. 156, a motor with calliper for each rear wheel and an electronic control module.



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

WARNING In addition to parking the car with the parking brake always engaged, the wheel steered, chocks or stones positioned in front of the wheels (when on a steep slope), you must always put the transmission in P (Park) if the car is parked downhill.

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

The electric parking brake can be engaged in two ways:

- ❑ *manually*, by pulling the switch fig. 156 on the central tunnel
- ❑ *automatically* in "Safe Hold" or "Auto Park Brake" conditions (where provided)

ENGAGING THE ELECTRIC PARKING BRAKE MANUALLY

 126) 127) 128)

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. 156 or fig. 157 turn on.

WARNING With the EPB failure 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 brake is required with the car in motion, keep the switch on the central tunnel pulled as long as the 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 3 km/h is reached and the switch is kept pulled, the 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.

RELEASING THE ELECTRIC PARKING BRAKE MANUALLY

The ignition device must be ENGINE position in order to manually release the parking brake. 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 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 an Alfa Romeo Dealership.

WARNING Never use position P (Park) instead of the electric parking brake. When parking the car, always apply the electric parking brake to prevent injury or damage caused by uncontrolled movement of the car.

ELECTRIC PARKING BRAKE OPERATING MODES

The electric parking brake may operate as follows:

- ❑ *"Dynamic operating mode"*: this



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mode is enabled by pulling the switch continuously 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 detection of the driver's intention to move the car forward or in reverse. It is also necessary for the driver side safety belt to be properly fastened

❑ "Safe Hold": if the car speed is lower than 3 km/h and the transmission is not in P (Park) position and the driver intention of leaving the car is detected, the electric parking brake will automatically engage to hold the car in safety conditions

❑ "Auto Park Brake" (where provided): if the car speed is below 3 km/h, the electric parking break will automatically engage when the transmission is in P (Park) position. The LED on the switch located on the central tunnel switches on together with the warning light  on the instrument panel when the parking brake is engaged and applied to the wheels. Each automatic electric parking

brake engagement can be cancelled by pressing the switch on the central tunnel and shifting the transmission to position P (Park) at the same time. This method can be managed by using the Alfa Connect with Navigator / Alfa Connect system

SAFE HOLD

It is a safety function that automatically engages the electric parking brake if the car is in an unsafe condition when the ignition device is in the ENGINE/START position.

If:

- ❑ the car speed is below 3 km/h
 - ❑ The transmission is not in the P (Park) position
 - ❑ the driver's seat belt is not fastened
 - ❑ the driver side door is open
 - ❑ no attempted operation of the brake pedal or of the accelerator pedal
- 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 car speed reaches

20 km/h or the ignition device is moved to STOP and then the ENGINE position.



IMPORTANT

126) *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.*

127) *Never leave children alone in an unattended car; when leaving the car, remember to always have your electronic key with you.*

128) *The electric parking brake must always be engaged when leaving the car.*

"HOLD 'N' GO" FUNCTION

(where provided)

The car can be equipped with the "Hold 'N' Go" function, which automatically engages the electric parking brake when the car is stationary and the ignition device is in the START position. This allows the driver to keep the car stationary without pressing the brake pedal while stopping the engine. With the "Hold 'N' Go" function activated and the car stationary, pressing the accelerator pedal automatically releases the parking brake.

The "Hold 'N' Go" function can be deactivated via the instrument panel display settings. For more information, refer to the "Display" chapter in the "Knowing the instrument panel" section.



129)



IMPORTANT

129) RISK OF ACCIDENT! Hold 'N' Go does not replace the parking brake when parking. When parking, it is imperative to apply the parking brake before leaving the car or ensure the automatic parking brake is applied, if activated using the Alfa Connect with Navigator / Alfa Connect system settings. The warning light or symbol (!) on the instrument panel switches on to signal that the parking brake has stopped.

AUTOMATIC TRANSMISSION

(1.3 Plug-In Hybrid Q4 and 2.0 petrol versions)

DISPLAY

The display can show the following:

❑ **in automatic mode:** the selected gear (P, R, N, D)

❑ **in manual (sequential) driving mode:** the manual engagement of a (higher or lower) gear, with the relevant number

GEAR LEVER

(for 2.0 petrol versions)

The gear lever fig. 158 can be moved to the following positions:

❑ **P** = Park

❑ **R** = Reverse

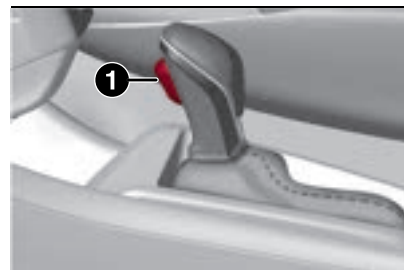
❑ **N** = Neutral

❑ **D** = Drive, (automatic forward speed)

❑ **AutoStick** (for versions/markets, where provided):

● **+** manual upshifting (sequential)

● **-** shift down in sequential driving mode



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ROTARY CONTROL

The transmission rotary control fig. 159 can be moved to the following positions:

❑ **P** = Park

❑ **R** = Reverse

❑ **N** = Neutral

❑ **D** = Drive, (automatic forward speed)

❑ **AutoStick** (for versions/markets, where provided):

● **+** manual upshifting (sequential)

● **-** shift down in sequential driving mode



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The diagram for gear engagement is shown on the panel near the transmission.

The engaged gear is displayed both near the transmission and on the instrument cluster display.

For 2.0 petrol versions, the gear lever has a button (1) fig. 158 which must be pressed to move the lever to P or R.

For 2.0 petrol versions, if the transmission is used in "sequential" mode, which is activated moving/turning the transmission from D (Drive) to the left, the positions + (higher gear) or – (lower gear) can be reached. These positions are unstable: the lever always returns to central position.

To exit position P, or to pass from position N (Neutral) to position D (Drive) or R (Reverse) when the car is stopped or is moving at a low speed, in addition to pressing the button (1) fig. 158 or (1) fig. 159, the brake pedal must also be pressed (see "Gear engagement disabling system with brake engaged" in this chapter).

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.

NOTE Since the electronic transmission system is self-calibrating, the first gear shifts on a new car can be rather abrupt. However, this is a normal condition, and after a few hundred kilometres the ratios will be entered accurately.

WARNING The inconsistency between the speed actually engaged (shown on the display) and the position of the transmission is indicated by the letter corresponding to the position of the transmission flashing on the panel.

The electronically controlled transmission adapts its shift strategy according to driving requirements and environmental and road conditions. For 2.0 petrol versions: 9th gear is only engaged under specific driving conditions.

LEVER/ROTARY CONTROL POSITIONS

Park (P)



This position integrates the electric parking brake, blocking the transmission.

The engine can be started with the transmission in this position.

WARNING Never try to select position P when the car is moving. Before leaving the car, always bring the transmission in this position and engage the parking brake.

When parking on a flat surface, first of all bring the transmission to P and then engage the electric parking brake.

In some sloping road conditions, engagement of the electric parking brake, following the shifting of the transmission to P, may occur automatically and independently of selection of the "Auto Park Brake" setting (where provided) on the Connect system menu. This may occur to protect the function and operation of the transmission unit.

To check actual engagement of position P:

□ move the gear lever fully forwards (for 2.0 petrol versions), as far as it will go or press the (P) button for versions with rotary control.

□ make sure that letter P is displayed on the instrument panel

□ with the brake pedal released, ensure that the transmission remains in position P

Reverse (R)



Select this position only with the car at a standstill.

Neutral (N)



It corresponds to neutral for a manual transmission. The engine can be started

with the transmission in position N. Engage N in the case of prolonged stops with engine running.

Also engage the electric parking brake.

Drive (D) - Automatic forward gear

Use this position in normal driving conditions.

The accelerator must be released, with car at a standstill and brake pedal pressed to shift from position D to position P or R (Reverse).

This position ensures the automatic engagement of the most suitable gears for driving needs and maximum fuel economy in terms of consumption.

In this position, the transmission shifts the gears automatically, selecting the most suitable for forward driving among those available as you go. In this way the car's optimal driving characteristics are guaranteed in all the classic usage conditions.

"AutoStick" - Manual (sequential) shifting mode

(for versions/markets where provided)

In the case of frequent shifting (e.g. when the car is driven with a heavy load, on gradients, with strong headwind or when towing heavy trailers), it is recommended to use the "AutoStick (sequential shifting) mode, which permits the driver

to decide when to shift, to select and keep a lower fixed ratio.

In these conditions, using a lower gear improves car performance and prolongs the life of the transmission, limiting gear shifting and preventing overheating.

It is possible to shift from position D (Drive) to the sequential mode regardless of car speed.

❑ *Activation:* With gear lever in position D (Drive), to activate the sequential drive mode, move the lever to the left (- and + indication of the panel). The gear engaged will be shown on the instrument panel display. Tip the gear stick forwards, towards symbol - or backwards, towards symbol +, to shift gears

❑ *Deactivation:* To deactivate the sequential driving bring the gear lever back in position D (Drive) ("automatic" mode)

Sequential shifting mode (Rotary control)

❑ *Temporary manual activation:* this is activated by directly actuating the levers on the steering wheel. It can be used to momentarily upshift and overtake. When the action is over and a few seconds have passed, the gear shift returns to automatic

❑ *Permanent manual activation:* this is activated by pressing the shift paddle

+ for a few seconds. The gear shift remains in manual mode until the driver presses the shift paddle + again for a few seconds.

NOTE For Plug-In Hybrid Q4 version, the sequential mode of the automatic transmission forces the ignition of the heat engine, preventing electric only mode. As a result, if fuel runs out during this mode, the vehicle would stop as it would with a conventional engine. In this case, it is suggested to move the transmission to "D" (Drive) (automatic forward speed), to allow the hybrid system to move the car with the electric motor within the limits of the range to empty of the high-voltage battery if necessary.

WARNINGS

Do not downshift on slippery surfaces (for versions/markets, where provided): the drive wheels might lose grip with resulting risk of the car slipping. This could cause accidents or personal injuries.

To select the correct gear for maximum deceleration (engine brake), simply keep the gear lever (for 2.0 petrol versions) pressed forward, towards the indication - on the panel. For versions with rotary control and in the absence of paddle shifters on the steering wheel, select



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Dynamic (D) driving mode via Drive Mode Selector by releasing the accelerator.

The car will keep the gear selected by the driver until the safety conditions allow it. This means, for example, that the system will try to prevent the engine from switching off, automatically downshifting if the engine speed is too low.

"LIMP HOME" FUNCTION

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, regardless of the gear selected, the transmission remains:

- ❑ **for versions with heat engine only:** in 4th gear, regardless of the selected gear
- ❑ **for Plug-In Hybrid Q4 version:** in 3rd gear, unless car speed is not high: in this case the 5th gear will be engaged, when speed decreases the 3rd gear will be engaged

Positions P (Parking), R (Reverse) and N (Neutral) still work. The symbol  might be shown on the instrument panel display.

In the event of a "transmission emergency" immediately contact the nearest Alfa Romeo Dealership.

Temporary failure

In the event of a temporary failure correct transmission operation can be restored for all the forwards gears by proceeding as follows:

- ❑ stop the vehicle
- ❑ put the transmission in P position
- ❑ turn the ignition device to the STOP position
- ❑ wait for about 10 seconds, then restart the engine
- ❑ select the desired gear: if the problem is no longer detected, the transmission returns to normal operation

WARNING In the event of a temporary failure it is in any case recommended to contact an Alfa Romeo Dealership as soon as possible.

IGNITION LOCK AND PARK POSITION

This function requires the transmission to be positioned in P: then set the ignition device to STOP.

GEAR ENGAGEMENT DISABLING SYSTEM WITHOUT BRAKE PEDAL PRESSED

This system prevents you from moving the transmission from position P if the brake pedal has not been previously pressed.

To bring the transmission to a position other than P, the ignition device must be

in position START and the brake pedal must be depressed.

To shift the transmission from the N (Neutral) position, the brake pedal must be pressed if the ignition device is in position ENGINE.

GENERAL WARNINGS

Failure to comply with what is reported below may damage the transmission:

- ❑ select position P only with the car at a complete standstill
- ❑ select position R (Reverse), or pass from R to another position only with the car at a complete standstill and engine idling
- ❑ do not shift gears between positions P, R (Reverse), N (Neutral) or D (Drive) with engine running at a speed above idling
- ❑ before engaging any gear, fully press the brake pedal

WARNING Press and hold the brake pedal pressed while moving the transmission to a position other than P and "AutoStick" (for versions/markets where provided).

- ❑ Unexpected movement of the car can injure the occupants or people nearby. Do not leave the car with engine running: before getting out of the passenger compartment always engage the electric parking brake, bring the transmission to P, switch off the car and extract the key from the ignition device (for versions

with mechanical key). With ignition device at STOP (key extraction allowed), the transmission is locked in position P, to prevent any accidental movement of the car;

❑ when getting out of the car, always remove the mechanical key from the ignition device and close all doors. Do not leave children unattended inside the car

❑ do not leave the electronic key near the car (or in a place that can be accessed by children) and do not leave the ignition device activated. A child could activate the electric windows, other controls or inadvertently start the engine

❑ bringing the transmission to a position different from P or N (Neutral) at an engine speed higher than idling is dangerous. If the brake pedal is not fully depressed the car could rapidly accelerate. Only engage the gear with engine at idling, fully depressing the brake pedal

❑ If the transmission overheats, the symbol  appears on the instrument panel display. In this case the transmission could operate incorrectly until it cools down

❑ If the transmission temperature exceeds the normal operating limits, the transmission control unit may change the gear engagement order and reduce the drive torque

❑ when using the car with extremely low external temperatures, transmission operation may change depending on the engine and transmission temperature, as well as car speed

❑ for versions with heat engine only (excluding Plug-In Hybrid Q4 version): activation of the torque converter clutch and of the 8th or 9th gear is prevented until the transmission fluid is correctly warmed up. Complete operation of the transmission will be enabled as soon as the oil temperature reaches the predefined value



IMPORTANT

130) Never use position P instead of the electric parking brake. Always engage the electric parking brake when parking the car to avoid the accidental movement of the car.

131) If the P position is not engaged, the vehicle could move and injure people. Before leaving the car, make sure that the transmission is in position P and that the electric parking brake is engaged.

132) Do not put the gear in N (Neutral) and do not stop the motor when driving on a downhill road. This type of driving is dangerous and reduces the possibility of intervening in the case of variation of the road traffic or surface. You risk losing control of your car and causing accidents.



WARNING

46) Before shifting the transmission from position P, bring the ignition device to position ENGINE and press the brake pedal. Otherwise, the transmission may get damaged.

47) There must be no objects (such as bracelets for example) near or around the transmission, nor objects that protrude from the glove compartment in front of the transmission, as they could interfere and obstruct its movement, even if only temporarily.

48) Engage reverse only with the car stationary, engine at idling speed and accelerator fully released.

DUAL CLUTCH AUTOMATIC TRANSMISSION

(for Diesel versions only)

DISPLAY

The display can show the following:

❑ **in automatic driving mode**, the selected gear (P, R, N, D).

❑ **in sequential driving mode**, the manual engagement of a (higher or lower) gear showing the corresponding number

GEAR LEVER

(for 2.0 petrol versions)



47)

The gear lever fig. 160 has the following

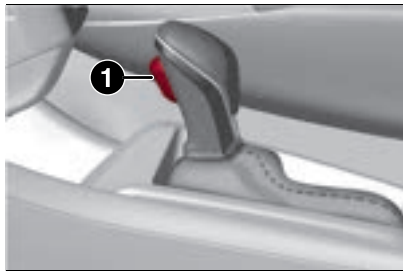


ABC

positions:

- ☐ **P** = Park
- ☐ **R** = Reverse
- ☐ **N** = Neutral
- ☐ **D** = Drive, (automatic forward speed)
- ☐ **"AutoStick"** (for versions/markets, where provided):

- "+" shifting to a higher gear in sequential driving mode
- "-" shifting to a lower gear in sequential driving mode



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ROTARY CONTROL

The transmission rotary control fig. 161 can be moved to the following positions:

- ☐ **P** = Park
- ☐ **R** = Reverse
- ☐ **N** = Neutral
- ☐ **D** = Drive, (automatic forward speed)
- ☐ **AutoStick** (for versions/markets, where provided):

- **+** manual upshifting (sequential)
- **-** shift down in sequential driving mode



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For 2.0 petrol versions gear lever has a button (1) fig. 160 which must be pressed to move the lever to P or R.

For 2.0 petrol versions, if the transmission is used in "sequential" mode, which is activated shifting the automatic transmission gear lever from D (Drive) to the left, the positions + (higher gear) or - (lower gear) can be reached. These positions are unstable: the lever always returns to central position.

LEVER/ROTARY CONTROL POSITIONS Park (P)



The transmission is mechanically locked in position P.

The movement between positions P, R, N and D may only be made when the car is stationary and the engine is idling.

To shift from P to any transmission position, with the ignition key in the ENGINE position, press the brake pedal and press the button (1) fig. 160 or (1) fig. 161 located on the transmission.

In some sloping road conditions, engagement of the electric parking brake, following the shifting of the transmission to P, may occur automatically and independently of selection of the "Auto Park Brake" setting (where provided) on the Connect system menu. This may occur to protect the function and operation of the transmission unit.

WARNINGS

- ☐ Never try to select position P when the car is moving.
- ☐ Before leaving the car, engage the electric parking brake and put the transmission in P.
- ☐ The electric parking brake must be applied before shifting the transmission to P.
- ☐ When restarting after a stop, the transmission must be moved to position P before releasing the electric parking brake.

To check actual engagement of position P:

- move the gear lever fully forwards (for 2.0 petrol versions), as far as it will go or press the button (P) for versions with rotary control.

- make sure that letter P is displayed on the instrument panel

- with brake pedal released, make sure that the transmission does not move from position P

Reverse (R)



The engine cannot be started with the transmission in position R.

Shifting from R to N or D is free, while shifting from R to P can be made by the button on the transmission, with engine at idling speed.

Neutral (N)

It corresponds to neutral for a standard manual transmission. The engine can be started with the transmission in position N.

Engage N (or P) in case of prolonged stops.

To shift from position N to D or R, you need to press the brake pedal. It is advisable not to accelerate and to make sure that the engine is stabilised at idle speed.

Drive (D) - Automatic forward gear

This is the transmission position in standard running conditions.

You can shift from D to N freely, while you can only shift from D to R or P by pressing the button on the transmission.

Sequential mode (+ / -)

(for versions/markets where provided)

Shifting the lever from position D on side in stable position, the transmission is used in sequential mode.

Shifting the lever to unstable position (+ or -) changes the gears.

WARNING All movements of the gear lever must be performed with car stationary and engine idling only.

Sequential shifting mode (Rotary control)

- *Temporary manual activation:* this is activated by directly actuating the levers on the steering wheel. It can be used to momentarily upshift and overtake. When the action is over and a few seconds have passed, the gear shift returns to automatic

- *Permanent manual activation:* this is activated by pressing the shift paddle + for a few seconds. The gear shift remains in manual mode until the driver presses the shift paddle + again for a few seconds.

LIMIT THE LEVER/ROTARY CONTROL MOVEMENT WITHOUT PRESSING THE BRAKE PEDAL

To shift the transmission from the P (Park) position, the ignition device must be in position the ENGINE position (engine running or off) and the brake pedal must be pressed. Moreover, it is necessary to press the button on the transmission.

To shift the transmission from the N position, the brake pedal must be pressed if the ignition device is in the ENGINE position (engine on).

AUTOMATIC DRIVING MODE

D can be selected from sequential operation (where provided) in any driving conditions.

In automatic driving mode, the best ratio is selected by the electronic transmission control unit depending on speed, engine load (accelerator pedal position) and gradient of the road.

Kick-Down function

To resume speed quickly, when the accelerator pedal is pressed fully, the transmission control system downshifts (kick-down function).

WARNING When driving on roads with poor grip conditions (snow, ice, etc.) avoid activating the kick-down function.



ABC

SEQUENTIAL DRIVING MODE

(for versions/markets where provided)

In sequential driving mode, the dual clutch automatic transmission works like a manual transmission.

Shifting gears

Move the lever sideways (to the left) manually from position D to the sequential position:

- lever towards "+": shift up
- lever towards "-": shift down

The engagement of a lower or higher gear is only permitted if the engine revs allow it.

If the car is stopped with a higher gear than 1st speed engaged, the transmission will automatically engage 1st gear.

STARTING THE ENGINE

Starting the engine is only permitted with the transmission in the P or N positions.

When starting the engine, the system is in position N or P.

MOVING THE CAR

To move the car, from P press the brake pedal and, using the button on the transmission, move the transmission to the desired position (D, R or "Sequential mode" where provided).

The display will show the gear engaged.

When the brake pedal is released, the car starts moving forwards or backwards, as soon as the manoeuvre is activated ("creeping" effect). The accelerator should not be pressed in this case.

WARNING The inconsistency between the gear actually engaged and the position of the transmission (shown on the display) is indicated by the letter corresponding to the position of the transmission flashing on the panel (also accompanied by an acoustic warning).

This condition should not be interpreted as an operational fault, but simply as a request by the system to repeat the manoeuvre.

WARNING With engine running and car stationary, in "Sequential mode", the request for engaging 2nd gear is not accepted by the system (whether the brake pedal is pressed or not). If, with 1st gear or reverse (R) engaged, the following conditions occur:

- road gradient over 5%
 - clutch overheated
 - engine torque constant for a given period (e.g. if the car hits the pavement or is parked downhill/uphill)
- car movement is achieved by pressing the accelerator pedal

WARNING With the electric parking brake released and brake pedal released, engine at idling speed and transmission

in position D, R or sequential, where provided, pay the utmost care because the car can move even without the operation of the accelerator pedal. This condition can be used with the car on a level surface during tight parking manoeuvres using the brake pedal only.

SWITCHING OFF THE ENGINE

Shift the transmission to P (Park) before shutting down the car by pressing the button next to the steering wheel fig. 162.



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If the conventional battery of the car is flat and the ignition key is engaged, the latter is locked in position.

To remove the key manually see the "Dual clutch automatic transmission gear lever release" chapter in the "In case of emergency" section.

Versions with a Start&Stop system:

in order to switch off the engine, the car needs to be stopped by applying appropriate pressure on the brake pedal.

If the pressure is not sufficient, the engine will not switch off. This feature can be exploited so that the engine does not switch off in particular traffic conditions.

ACOUSTIC WARNING

For safety reasons, an acoustic warning is emitted when the driver side door is opened when the engine is running and the transmission is not in the P position.

With the car stationary, the engine started and (1st), (D) or reverse gear (R) engaged, the system activates the acoustic warning and automatically places the transmission in neutral (N) when:

- ❑ the accelerator and/or brake pedals are not pressed for at least 3 minutes with creeping deactivated (for example with electric parking brake engaged)
- ❑ the brake pedal is pressed for longer than 10 minutes
- ❑ the driver door is opened with creeping deactivated (for example with electric parking brake engaged) without pressing the brake and/or accelerator pedals
- ❑ a fault has been detected in the transmission

PARKING THE CAR

To park safely, with the brake pedal pressed, P must be engaged and, in case of parking uphill/downhill, the electric parking brake must be engaged.

Before releasing the brake pedal, wait until P appears on the display.

WARNING NEVER leave the car before having put the transmission in P.

TOWING THE CAR

Make sure that the transmission is in neutral (N), checking that the vehicle moves when pushed, and proceed in the same way as for towing a normal vehicle with the manual gearbox.

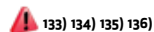
WARNING If the transmission cannot be put in neutral (N), do not tow the car and contact an Alfa Romeo Dealership. Should the transmission be in P, release it before towing (see paragraph "Positions of the lever/rotary control").

"RECOVERY" FUNCTIONS

In case of a gear lever/rotary control failure, the instrument panel display could show a dedicated message recommending that the driver continues driving without shifting the transmission to the P position.

Under this condition, the transmission will maintain the forward gear (with reduced performance) even if the transmission is shifted to R or N. Once the transmission is in the P position, or after shutting down the car, it will not be possible to select R nor any forward gear. In this case, contact an Alfa Romeo Dealership.

GENERAL WARNINGS



With car stationary and gear engaged, always keep the brake pedal pressed until you decide to set off, then release the brake and accelerate gradually.

During prolonged stops with the engine running, it is advisable to keep the transmission in neutral (N) or P (Parking).

To protect the clutch, never use the accelerator to keep the car stationary (for example when stopped uphill/downhill): clutch overheating could damage it.

Use the brake pedal instead of the electric parking brake and only press the accelerator pedal when you wish to set off.

If reverse (R) is engaged, only engage the 1st gear (or vice versa) when the car is completely stopped.

Although it is highly inadvisable, if you are driving downhill and, for unexpected reasons, you let the car move forward with the transmission in neutral (N), when there is a request to engage a gear, depending on the speed of the car, the system will automatically engage the best gear for the correct transmission of drive torque to the wheels.

To select the correct gear for maximum deceleration (engine brake), simply keep the gear lever (for 2.0 petrol versions)



ABC

pressed forward, towards the indication – on the panel. For versions with rotary control and in the absence of paddle shifters on the steering wheel, select Dynamic (D) driving mode via Drive Mode Selector by releasing the accelerator.



IMPORTANT

133) Never leave children unattended in the car. Always remove the key from the ignition when leaving the car and take it with you.

134) Never use position P instead of the electric parking brake. Always engage the electric parking brake when parking the car to avoid the accidental movement of the car.

135) If the P position is not engaged, the vehicle could move and injure people. Before leaving the car, make sure that the transmission is in position P and that the electric parking brake is engaged.

136) Do not put the gear in N (Neutral) and do not stop the motor when driving on a downhill road. This type of driving is dangerous and reduces the possibility of intervening in the case of variation of the road traffic or surface. You risk losing control of your car and causing accidents.



WARNING

49) There must be no objects (such as bracelets for example) near or around the transmission, nor objects that protrude from the glove compartment in front of

the transmission, as they could interfere and obstruct its movement, even if only temporarily.

50) If the car is on a gradient, always engage the electric parking brake **BEFORE** placing the transmission in P.

51) Engage reverse only with the car stationary, engine at idling speed and accelerator fully released.

ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION

(Hybrid version)

DISPLAY

The display can show the following:

- ☐ **in automatic driving mode** the selected gear (P, R, N, D)
- ☐ **in sequential driving mode**, the manual engagement of a (higher or lower) gear showing the corresponding number

ELECTRIC MOTOR (“e-machine”)

The transmission is mechanically connected with a synchronous electric motor with 48V double three-phase winding.

The functions of the electric motor are:

- ☐ to provide additional torque to the transmission, optimising the performance of the heat engine
- ☐ recover kinetic energy when braking, converting it into electric energy (generator function), which can be used

for drive or to power the electric loads in the car

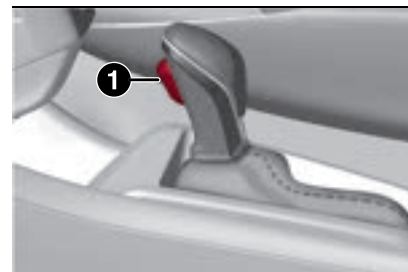
- ☐ to allow the car to be driven in electric-only mode
- ☐ to start the heat engine while the vehicle is moving

GEAR LEVER

(for 2.0 petrol versions)

The gear lever fig. 163 has the following positions:

- ☐ **P** = Park
- ☐ **R** = Reverse
- ☐ **N** = Neutral
- ☐ **D** = Drive, (automatic forward speed)
- ☐ **AutoStick** (for versions/markets, where provided):
 - “+” shifting to a higher gear in sequential driving mode
 - “-” shifting to a lower gear in sequential driving mode



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ROTARY CONTROL

The rotary control fig. 164 can be moved to the following positions:

- ❑ **P** = Park
- ❑ **R** = Reverse
- ❑ **N** = Neutral
- ❑ **D** = Drive, (automatic forward speed)
- ❑ **"AutoStick"** (for versions/markets, where provided):
 - "+" shifting to a higher gear in sequential driving mode
 - "-" shifting to a lower gear in sequential driving mode



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For 2.0 petrol versions, to select the "sequential" mode, shift the gear lever from D (Drive) towards the left. The reachable positions are + (higher gear) or - (lower gear). These positions are unstable: the gear lever always returns to central position.

For 2.0 petrol versions gear lever has a button (1) fig. 163 which must be pressed to move the lever to P or R.

LEVER/ROTARY CONTROL POSITIONS Park (P)



The P position blocks the transmission. The engine can be switched off with the transmission in P position.

The transmission movements between positions P, R, N, D must be made when the car is stationary.

To shift from P to any transmission position, with the ignition device in the ENGINE position, press the brake pedal and press the button (1) fig. 163 or (1) fig. 164 located on the transmission.

In some sloping road conditions, engagement of the electric parking brake, following the shifting of the gear lever to position P, may occur automatically and independently of selection of the "Auto Park Brake" setting (where provided) on the Connect system menu. This may occur to protect the function and operation of the transmission unit.

WARNINGS

- ❑ Never try to select position P when the car is moving.

- ❑ Before leaving the car, engage the electric parking brake and put the transmission in P.
- ❑ The electric parking brake must be applied before shifting the transmission to position P, otherwise it may be difficult.
- ❑ When restarting after a stop, the transmission must be moved to position P before releasing the electric parking brake.

To check actual engagement of position P:

- ❑ move the gear lever fully forwards (for 2.0 petrol versions), as far as it will go or press the (P) button for versions with rotary control.
- ❑ make sure that letter P is displayed on the instrument panel
- ❑ wait at least 2 seconds before releasing the brake pedal

Reverse (R)



The engine cannot be started with the transmission in position R.

Neutral (N)

The engine can be started with the transmission in position N. Engage N (or P) in case of prolonged stops.

To shift from position N to D or R, you need to press the brake pedal. It is advisable to not accelerate and make



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sure the engine has stabilised at the minimum engine speed.

WARNING If the car is towed, if the transmission is NOT in N and if "N" is not shown on the instrument panel display, the car can be damaged.

Drive (D) - Automatic forward gear

This is used under normal driving conditions.

You can shift from D to N freely, while you can only shift from D to R or P by pressing the button on the transmission.

Sequential mode (+ / -)

(for versions/markets where provided)

Shifting the lever from position D on side in stable position, the transmission is used in sequential mode.

Shifting the lever to unstable position (+ or -) changes the gears.

WARNING Gear lever movements between positions P, R, N and D may only be made when the car is stationary and the engine is idling.

To deactivate the sequential driving mode, bring the gear lever back in position D (Drive) ("automatic" driving mode).

Sequential shifting mode (Rotary control)

□ *Temporary manual activation:* this is activated by directly actuating the levers on the steering wheel. It can be used to

momentarily upshift and overtake. When the action is over and a few seconds have passed, the gear shift returns to automatic

□ *Permanent manual activation:* this is activated by pressing the shift paddle + for a few seconds. The gear shift remains in manual mode until the driver presses the shift paddle + again for a few seconds.

Steering wheel stalks

(where provided)

The gear can be manually shifted also by using the levers behind the steering wheel, pull the right gear lever (+) towards the steering wheel and release it to engage a higher gear; perform the same operation with the left lever (-) to engage a lower gear fig. 165.

To engage N (Neutral): pull simultaneously both levers.

To activate D (Drive) mode, from N (Neutral), P (Parking) and R (Reverse): push the brake pedal and the right lever (+).



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WARNING If only one manual shift is necessary, the letter D will remain on the display with the engaged gear next to it.

LIMIT THE LEVER/ROTARY CONTROL MOVEMENT WITHOUT PRESSING THE BRAKE PEDAL

To shift the transmission from the P (Park) position, the ignition device must be in position the ENGINE position (engine running or off) and the brake pedal must be pressed. Moreover, it is necessary to press the button on the transmission.

To shift the transmission from the N position, the brake pedal must be pressed if the ignition device is in position ENGINE.

AUTOMATIC DRIVING MODE

D can be selected from sequential operation in any driving conditions. In automatic driving mode, the best ratio is selected by the electronic

transmission control unit depending on speed, engine load (accelerator pedal position) and gradient of the road.

Kick-Down function

To resume speed quickly, when the accelerator pedal is pressed fully, the transmission control system downshifts (kick-down function).

WARNING When driving on roads with poor grip conditions (snow, ice, etc.) avoid activating the kick-down function.

SEQUENTIAL DRIVING MODE

(for versions/markets where provided)

In sequential driving mode, the dual clutch automatic transmission works like a manual transmission.

Shifting gears

Move the lever sideways (to the left) manually from position D to the sequential position:

- lever towards "+": shift up
- lever towards "-": shift down

The engagement of a lower or higher gear is only permitted if the engine revs allow it.

If the car is stopped with a higher gear than 1st speed engaged, the transmission will automatically engage 1st gear.

MOVING THE CAR

To move the car from P, press the brake pedal and, using the button on the

transmission, move the transmission to the desired position (D, R or "Sequential mode" where provided); the instrument panel display will show the engaged gear.

WARNING The inconsistency between the gear actually engaged and the position of the transmission (shown on the display) is indicated by the letter corresponding to the position of the transmission flashing on the panel (also accompanied by an acoustic warning). This condition should not be interpreted as an operational fault, but simply as a request by the system to repeat the manoeuvre.

WARNING With the electric parking brake released and brake pedal released, engine at idling speed and transmission in position D, R or sequential, where provided, pay the utmost care because the car can move even without the operation of the accelerator pedal. This condition can be used with the car on a level surface during tight parking manoeuvres using the brake pedal only.

SWITCHING OFF THE ENGINE

Shift the transmission to P (Park) before shutting down the car by pressing the button next to the steering wheel fig. 166.



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PARKING THE CAR

To park safely, with the brake pedal pressed, P must be engaged and, in case of parking uphill/downhill, the electric parking brake must be engaged.

Before releasing the brake pedal, wait for the electric parking brake to engage.

WARNING NEVER leave the car before having put the transmission in P.

TOWING THE CAR

WARNING If the transmission is in position P and the electric parking brake (EPB) is disengaged, the car can only be towed with the front wheels up. For information on towing, refer to the "Towing a disabled vehicle" chapter in the "In an emergency" section.

"RECOVERY" FUNCTIONS

In case of a gear lever/rotary control failure, the instrument panel display could show a dedicated message recommending that the driver continues

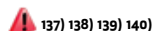


ABC

driving without shifting the transmission to the P position.

Under this condition, the transmission will maintain the forward gear (with reduced performance) even if the transmission is shifted to R or N. Once the transmission is in the P position, or after shutting down the car, it will not be possible to select R nor any forward gear. In this case, contact an Alfa Romeo Dealership.

GENERAL WARNINGS



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With car stationary and gear engaged, always keep the brake pedal pressed until you decide to set off, then release the brake and accelerate gradually.

During prolonged stops with the engine running, it is advisable to keep the transmission in neutral (N) or P (Parking).

To protect the clutch, never use the accelerator to keep the car stationary (for example when stopped uphill/downhill): clutch overheating could damage it.

Use the brake pedal instead or the electric parking brake and only press the accelerator pedal when you wish to set off.

If reverse (R) is engaged, only engage the 1st gear (or vice versa) when the car is completely stopped.

Although it is highly inadvisable, if you are driving downhill and, for unexpected reasons, you let the car move forward with the transmission in neutral (N), when there is a request to engage a gear, depending on the speed of the car, the system will automatically engage the best gear for the correct transmission of drive torque to the wheels.

To select the correct gear for maximum deceleration (engine brake), simply keep the gear lever (for 2.0 petrol versions) pressed forward, towards the indication – on the panel. For versions with rotary control and in the absence of paddle shifters on the steering wheel, select Dynamic (D) driving mode via Drive Mode Selector by releasing the accelerator.



IMPORTANT

137) Never leave children unattended in the car.

138) Never use position P instead of the electric parking brake. Always engage the electric parking brake when parking the car to avoid the accidental movement of the car.

139) If the P position is not engaged, the vehicle could move and injure people. Before leaving the car, make sure that the transmission is in position P and that the electric parking brake is engaged.

140) Do not put the gear in N (Neutral) and do not stop the motor when driving on a downhill road. This type of driving is dangerous and reduces the possibility of intervening in the case of variation of the road traffic or surface. You risk losing control of your car and causing accidents.



WARNING

52) If the car is on a gradient, always engage the electric parking brake **BEFORE** placing the transmission in P.

53) Engage reverse only with the car stationary, engine at idling speed and accelerator fully released.

ALL-WHEEL DRIVE (AWD)

(for versions/markets, where provided)

The car can be equipped with an all-wheel drive (AWD) system. The system is automatically engaged and requires no action on the part of the driver. Under normal driving conditions, the front wheels provide most of the traction. If the front wheels begin to lose traction, the drive torque is automatically transferred to the rear wheels. The greater the loss of front traction, the more power is transferred to the rear wheels.

In addition, on a dry road surface with strong accelerator pedal pressure (a condition in which the front wheels may

not slip), torque is transferred to the rear wheels to improve the starting and performance characteristics of the car.

POWER STEERING

The standard electric power steering of the car ensures quick steering response and easy manoeuvring in tight spaces. The system modifies the assistance modes to facilitate parking manoeuvres and ensure a good driving feeling. In the event of a failure of the electric power steering that reduces its functionality or compromises the assist functions of the car, it is still possible to steer the car manually.

If the warning light or icon  is shown on the instrument panel display, perform the Lock to Lock recalibration manoeuvre. If the problem persists the car must be taken to an Alfa Romeo Dealership for appropriate action. It is likely that the steering intervention efficiency has been reduced. For more information, refer to the "Display" chapter in the "Knowing the instrument panel" section.

If the warning light or icon  appears on the instrument panel display, excessive steering may have been performed that caused the power steering system to overheat. In this case, there is a temporary loss of steering efficiency as long as the overheating condition exists.

NOTE Even though the steering intervention efficiency is no longer ideal, it is still possible to steer the car. In this case you will notice a considerable increase in steering force, particularly at very low speeds or during parking manoeuvres. Contact an Alfa Romeo Dealership to have the necessary operations performed.

WARNING Warning lights or icons relating to power steering and driver assistance systems will display on the instrument cluster after the disconnection of the conventional battery. The power steering calibration procedure described below must be carried out.

POWER STEERING CALIBRATION - LOCK TO LOCK

Proceed as follows:

- ❑ set the vehicle to the following condition: transmission in P (park) and ignition device in ENGINE position
- ❑ turn the steering wheel all rightwards, until it locks and hold in this position for at least 5 seconds.
- ❑ Turn the steering wheel all leftwards, until it locks and hold in this position for at least 5 seconds.
- ❑ move the steering wheel back to the central position
- ❑ Switch off the engine by turning the ignition device to STOP, wait 60 seconds

and start the engine again. The warning lights or icons relating to the power steering and driver assistance systems will no longer be present.

If the power steering warning light or icon is still displayed on the instrument panel, switch off the engine, wait a few minutes and repeat the procedure.

NOTE For Plug-In Hybrid version, the engine light stay remain lit. Repeat the procedure described above three times if this happens

The following QR code directs you to a visual content illustrating the power steering calibration procedure described above.



ABC

START&STOP SYSTEM

(for versions/markets, where provided)



The Start&Stop system automatically turns off the engine each time the car is stationary and starts it again when the driver wants to move off.

In this way, the car efficiency is increased, by reducing consumption, emission of harmful gases and noise pollution.

Start&Stop mode will be active whenever the engine is started.

OPERATING MODE

Method for switching off the heat engine

Versions with dual clutch automatic transmission

With vehicle at a standstill and brake pedal pressed, the heat engine switches off if the transmission is in a position other than R or N.

NOTE On versions with dual clutch automatic transmission, in the event of stops uphill, the heat engine switching off is disabled to activate the "Hill Start Assist" function (works only with running engine). **For Plug-In Hybrid Q4 version**, the Hill Start Assist function is also active with the heat engine switched off (the function is controlled by the electric motor).

NOTE After an automatic restart, simply move the car (exceeding a speed of 0.5 km/h) to have the Start&Stop system intervene again.

Plug-In Hybrid Q4 version: the internal combustion engine is also switched off during driving when the accelerator pedal is released (if the charge of the auxiliary lithium-ion battery allows this). When stopped (always with a sufficient charge of the auxiliary lithium ion battery), the heat engine is off and the car is restarted by the electric motor, as long as the requested torque is available and when it is not sufficient, the request is made to restart the heat engine.

The turning off of the heat engine (excluding Hybrid version) is signalled by the warning light  on the instrument panel turning on.

Method for restarting the heat engine

Versions with dual clutch automatic transmission

Release the brake pedal to restart the heat engine.

With the brake pressed, if the transmission is in automatic mode D (Drive), the heat engine can be restarted by moving the transmission to R (Reverse) or N (Neutral).

With brake pressed, if the transmission is in "AutoStick" mode (for versions/markets, where provided), the

heat engine can be restarted by moving the transmission to "+", "-", R (Reverse) or N (Neutral).

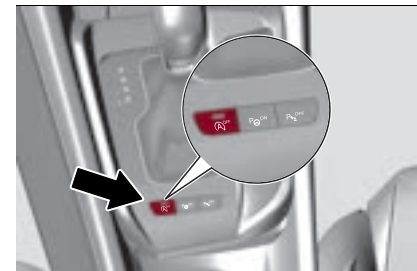
When the heat engine has been stopped automatically, keeping the brake pedal pressed, the brake can be released keeping the heat engine off by quickly shifting the transmission to P (Park).

To restart the heat engine, just move the transmission out of position P.

SYSTEM MANUAL ACTIVATION / DEACTIVATION

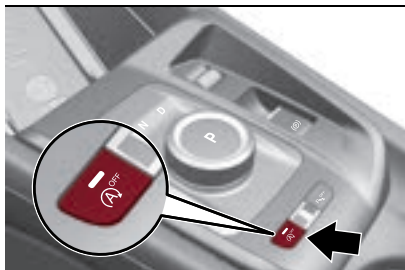
(for versions/markets where provided)

To activate/deactivate the system manually, press the  OFF button fig. 167 or fig. 168 located on the central tunnel.



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System activation

The activation of the system is indicated by the LED lighting up on the button fig. 167 or fig. 168.

System deactivation

The deactivation of the system is indicated by the lighting of the LED on the button fig. 167 or fig. 168.

MISSED ENGINE STOPPING CONDITIONS



54)

When the system is active, for a higher comfort and safety, and to reduce emissions, the engine does not stop in some conditions, such as:

- ❑ temperature of the conventional battery very high or very low
- ❑ bonnet not closed
- ❑ GPF (Gasoline Particulate Filter) cleaning in progress (only petrol engines equipped with GPF)

- ❑ especially low atmospheric pressure
- ❑ engine failure warning light on
- ❑ especially high or especially low engine temperature
- ❑ especially cold external temperature
- ❑ conventional battery not sufficiently charged
- ❑ particulate filter regeneration (DPF) in progress (diesel engines only)
- ❑ driver's door not shut
- ❑ driver's seat belt not fastened
- ❑ reverse gear engaged (e.g. for parking manoeuvres)
- ❑ only for versions equipped with an automatic climate control system, if an adequate level of thermal comfort has not been reached or with MAX-DEF function active
- ❑ during the first period of use, to initialise the system

ENGINE RESTARTING CONDITIONS

Due to comfort, emission control and safety reasons, the engine can restart automatically without any action by the driver, when the car and the passenger compartment climate control system are in certain conditions, such as.

SAFETY FUNCTIONS

When the engine is stopped through the Start&Stop system, if the driver releases their seat belt or opens the driver's or passenger's door, the engine

can be restarted only by using the ignition device.

This condition is signalled to the driver with an acoustic warning.

ENERGY SAVING FUNCTION

If, following the automatic engine restarting, the driver does not carry out any action for more than 3 minutes, the Start&Stop system stops the engine definitely, to prevent fuel consumption.

In these cases, the engine can only be restarted using the ignition device.

NOTE In any case, it is possible to keep the engine running by deactivating the system.

IRREGULAR OPERATION

In the event of malfunction, the Start&Stop system is deactivated.

For failure indications, see the "Warning lights and messages" paragraph, "Knowing the instrument panel" chapter.



IMPORTANT

141) Before opening the bonnet, make sure that the engine is off and that the starter switch is in the STOP position. Follow the indications on the plate underneath the bonnet. We recommend that you remove the key from the ignition if other people remain in the vehicle. The vehicle should always be left after the key has been removed or turned to the STOP position. During



ABC

refuelling, make sure that the engine is off (ignition device in the STOP position).



WARNING

54) If climate comfort is to be favoured, (for versions/markets, where provided) the Start&Stop system can be disabled, for a continuous operation of the climate control system.

SPEED LIMITER

(for versions/markets where provided)

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 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

To activate the device, press the button on the steering wheel (1) fig. 169 (versions with Speed Limiter and Cruise Control) or fig. 170 (versions with Speed Limiter and Adaptive Cruise Control). The

symbol (1) fig. 171 appears white on the display with dashes instead of speed.



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Press the button (1) fig. 170 to deactivate the Speed Limiter and activate Adaptive Cruise Control, and vice versa. If one of the two functions is activated when the ignition device is in the STOP position, it will remain activated when the ignition device is returned to the ENGINE position.

By turning the ring (2) ring towards SET + or SET - (first position of the ring) for a very short time, the set speed increases or decreases by 1 km/h. Each turn of the ring will increase or decrease the speed by 1 km/h. By keeping the ring in the SET + or SET - position, the set speed increases or decreases in proportion to the time the stalk is held in that position.

By turning the ring (2) ring towards SET ++ or SET -- (second position of the ring) for a very short time, the set speed increases or decreases by 10 km/h. Each turn of the ring will increase or decrease the speed by 10 km/h. By keeping the ring in the SET ++ or SET -- position, the set speed increases or decreases in proportion to the time the lever is held in that position.

With Speed Limiter ready (symbol (1) fig. 171 white), setting the speed with the speed limiter ring (2) the Speed Limiter is activated and the symbol turns green together with the speed value displayed.

The functions of the steering wheel buttons are as follows:

❑ **RES** (where provided): device activation. The activation of the device is signalled by the display of the symbol (1) fig. 171 and the set speed on the green display

❑ **CANC** (where provided): device deactivation (deactivation of the device is indicated by the symbol (1) fig. 171 that appears white and in brackets on the display

❑ **RES/CANC** (where provided, in the absence of the RES and CANC buttons): if the system is not active, pressing the button will recall the last speed set previously; if the system is active, pressing the button will deactivate the device

EXCEEDING THE PROGRAMMED SPEED

By fully depressing the accelerator pedal, the programmed speed can be exceeded even with the device active (e.g. in the event of overtaking).

The device is disabled until the speed drops below the set limit, after which it reactivates automatically.

While driving at a higher speed than previously set, the limit can be updated by turning the ring towards SET + or SET - (2) towards SET + or SET -. By turning the ring to the SET++ or SET-- position,

the speed will be rounded to a larger multiple of the current speed of the car.

Automatic off of the device

The device deactivates automatically in the event of fault in the system. In this case, contact an Alfa Romeo Dealership.

ELECTRONIC CRUISE CONTROL

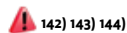
(for versions/markets where provided)

DESCRIPTION

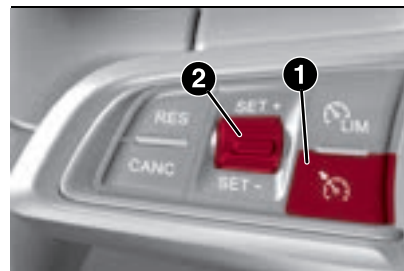
This is an electronically controlled driving assistance device that allows the desired car speed to be maintained, without having to press the accelerator pedal.

This device can be used at a speed above 30 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.

ACTIVATING THE DEVICE



To activate the Cruise Control press button (1) fig. 172. If the Speed Limiter is activated, button (1) must be pressed twice to activate the device (the first press deactivates the Speed Limiter, the second press activates the Cruise Control).



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The device cannot be engaged in 1st, reverse gear (R) or neutral (N): it is advisable 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

Switch on the device and then, when the car has reached the desired speed, turn the ring (2) fig. 172 towards SET + (or SET -) and release it to activate the device. When the accelerator is released, the car will proceed at the selected speed.

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.



ABC

When travelling downhill with the device active, the vehicle speed may slightly exceed the stored one.

INCREASING / DECREASING SPEED

Once the electronic Cruise Control has been activated, the speed can be adjusted by turning the ring (2) upwards.

By turning the ring (2) ring towards SET + or SET - (first position of the ring) for a very short time, the set speed increases or decreases by 1 km/h. Each turn of the ring will increase or decrease the speed by 1 km/h. By keeping the ring in the SET + or SET - position, the set speed increases or decreases in proportion to the time the stalk is held in that position.

By turning the ring (2) ring towards SET ++ or SET -- (second position of the ring) for a very short time, the set speed increases or decreases by 10 km/h. Each turn of the ring will increase or decrease the speed by 10 km/h. By keeping the ring in the SET ++ or SET -- position, the set speed increases or decreases in proportion to the time the lever is held in that position.

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.

While driving at a higher speed than previously set, the limit can be updated by turning the ring towards SET + or SET - (2) towards SET + or SET -. By turning the ring to the SET ++ or SET -- position, the speed will be rounded to a larger multiple of the current speed of the car.

RECALLING THE SPEED

Versions with automatic transmission/dual clutch automatic transmission (operating in Drive mode - automatic): press and release the RES button fig. 175.

With the automatic transmission in Autostick (sequential) mode: before recalling the previously set speed get close to it, then press and release the RES fig. 172 button.

DEACTIVATING THE DEVICE

Pressing the CANC fig. 172 button or pressing the brake pedal as the car is slowing down deactivates the electronic Cruise Control without deleting the stored speed.

The Cruise Control can also be deactivated if the electric parking brake (EPB) is activated or if the braking system intervenes (e.g. the ESC system) or in other particular conditions.

DEACTIVATING THE DEVICE

The device is deactivated by pressing button (1) fig. 172 or bringing the ignition device to STOP.



IMPORTANT

142) While driving with the device active, never move the transmission to neutral (N).

143) In case of a malfunction or failure of the device, contact an Alfa Romeo Dealership.

144) The electronic 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 vehicle and causing accidents. Do not use the device in heavy traffic or on winding, icy, snowy or slippery roads.

ADAPTIVE CRUISE CONTROL (ACC)

(where provided)

 145) 146) 147) 148) 149) 150) 151)

 55) 56) 57) 58) 59) 60) 61)

DESCRIPTION

The Adaptive Cruise Control (ACC) is a driver assist device which combines the Cruise Control functions with one for controlling the distance from the vehicle ahead.

The device allows to hold the car at the desired speed without needing to press the accelerator. It also allows to hold a given distance from the vehicle ahead (the distance can be set by the driver).

The Adaptive Cruise Control (ACC) uses a radar sensor, located behind the front bumper fig. 173 and a camera, located in the middle area of the windscreen fig. 174, to detect the presence of a vehicle close ahead.



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The device enhances driving comfort when on the motorway or out of town with light traffic.

The use of the device is therefore not advantageous on busy roads or in town.

WARNINGS

If the sensor does not detect any vehicle ahead, the device will maintain a fixed set speed.

If the sensor detects a vehicle ahead, the device automatically intervenes by braking (or accelerating) slightly in order not to exceed the original set speed, so that the car keeps the preset distance, seeking to adapt to the speed of the vehicle ahead.

It is advisable to turn the device off in the following cases:

☐ driving in fog, heavy rain, snow, heavy traffic and in complex driving situations (e.g. on motorways with roadworks in progress)

☐ driving close to a bend (winding roads), icy, snowy, slippery roads or with a steep uphill or downhill slope

☐ entering a turn lane or an off-ramp of the motorway

☐ towing of a trailer

☐ when circumstances do not allow safe driving at a constant speed

With "Adaptive Cruise Control" mode engaged, an appropriate distance between cars is maintained.

To change the operating mode, use the button (2) fig. 175 on the steering wheel.

DEVICE READY

To make the device ready, press and release the button (1) fig. 175.

Pressing the button (1) fig. 175 switches between Speed Limiter and Adaptive Cruise Control. If one of the two functions is activated when the ignition device is in the STOP position, it will remain activated when the ignition device is returned to the ENGINE position.

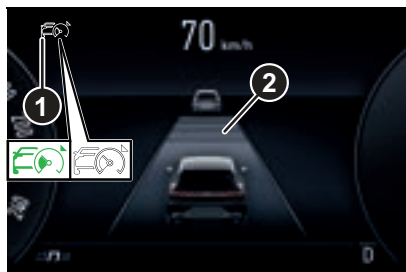


ABC



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ADAPTIVE CRUISE CONTROL ACTIVATION/DEACTIVATION

Activation

To activate the device, set the speed by turning the ring (3) fig. 175 upwards or downwards (see "Setting the desired speed" paragraph below).

When the device is active, a dedicated green icon appears on the display (1) fig. 176. For versions/markets, where provided, when the dedicated screen is not shown on the display, the icon is

replaced by the triangle (1) fig. 177 on the speedometer.



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WARNING It is dangerous to leave the device activated when it is not used. There is a risk of inadvertently activating it and losing control of the car due to unexpected excessive speed.

Deactivation

With the device active, to deactivate it press and release the button (1) fig. 175. The icon (1) fig. 176 disappears.

SETTING THE DESIRED SPEED

The device can be set only with speeds above 30 km/h (or 20 mph for markets with instrument panels giving mph) and with a maximum limit of 180 km/h (or 112 mph for markets with instrument panels giving mph).

The maximum speed value that can be set can be limited by Speed Limiters

approved in certain countries or by the Speed Limiters set by fleets.

When the car has reached the desired speed, turn the ring (3) fig. 175 towards SET + or SET - and release to set the speed to the current speed: the display will show the set speed and the icon will turn green (device ready) (1) fig. 176 will turn green (device ready). Then take your foot off the accelerator pedal. When the dedicated screen is not shown on the display, the icon is replaced by the green triangle (1) fig. 177.

Press the accelerator pedal to make the car go faster than the set speed. While the accelerator pedal is pressed:

- a graphic on the display will make the Adaptive Cruise Control warning light flash if the target car ahead is not present. If the car in front is detected by the sensors, a graphic of the detected car will be displayed and flashing;
- the device will not be able to control the distance between the car and the vehicle ahead. In this case the speed will be determined only by the position of the accelerator pedal.

The device will return to normal operation as soon as the accelerator pedal is released.

The device cannot be set:

- when the brake pedal is pressed

- ❑ when the brakes are overheated
- ❑ when the parking brake is engaged
- ❑ when the transmission in P (Park), R (Reverse) or N (Neutral)
- ❑ when the engine rpm is above a maximum threshold
- ❑ when the car speed is not within the settable speed range
- ❑ when an intervention of the ESC system (or ABS or other stability control systems) is in progress, or has just ended
- ❑ when the ESC system is off
- ❑ when the Autonomous Emergency Braking Control system (where provided) is braking automatically
- ❑ when the Speed Limiter is active
- ❑ in case of failure of the device itself
- ❑ if the engine is off
- ❑ in case of radar sensor obstruction: in this case, clean the sensor position in the zone shown in fig. 173. Use a clean cloth for cleaning. Do not use solvents or abrasive paste

In case of device set, the conditions described above also cause a cancellation or deactivation of the device with times that may vary according to the conditions.

WARNING The device is not deactivated when speeds higher than those set (130 km/h) are reached with the accelerator pedal pressed. In these conditions, the

device may not work correctly and it is advisable to deactivate it.

CHANGING THE SPEED **Increasing/decreasing of speed**

Once the device has been set up, it is possible to increase or decrease the stored speed by turning the wheel towards SET + or SET - (3) towards SET + or SET -.

By turning the ring (3) ring towards SET + or SET - (first position of the ring) for a very short time, the set speed increases or decreases by 1 km/h. Each turn of the ring will increase or decrease the speed by 1 km/h. By keeping the ring in the SET + or SET - position, the set speed increases or decreases in proportion to the time the stalk is held in that position.

By turning the ring (3) ring towards SET ++ or SET -- (second position of the ring) for a very short time, the set speed increases or decreases by 10 km/h. Each turn of the ring will increase or decrease the speed by 10 km/h. By keeping the ring in the SET ++ or SET -- position, the set speed increases or decreases in proportion to the time the lever is held in that position.

WARNINGS

By keeping the accelerator pedal depressed, the car can continue to accelerate beyond the set speed. In this case, turn the ring towards SET + (or SET

-) button to set the speed to the current speed of the car. By turning the ring to the SET ++ or SET -- position, the speed will be rounded to a larger multiple of the current speed of the car.

When the SET - button is pressed to reduce the speed, the braking system intervenes automatically if the exhaust brake does not slow the car down sufficiently to reach the set speed.

The device holds the set speed uphill and downhill; however a slight variation is entirely normal, particularly on slight gradients.

The transmission may downshift to lower gears when driving downhill or during acceleration, which is normal and necessary to maintain the preset speed.

The device is switched off while driving if the brakes overheat.

SPEED VARIATION WITH ROAD SIGN (INTELLIGENT ADAPTIVE CRUISE CONTROL)

(where provided)

The "Intelligent Adaptive Cruise Control" device can be used to set a speed limit equal to that indicated on the road sign detected by the "Traffic Sign Recognition" system (see the respective paragraph in this section).

When a new speed limit is recognised, the "Traffic Sign Information" system will suggest the new limit by showing



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a message on the instrument panel display. The driver can accept the new limit by turning the ring (3) (SET +) upwards within the first 5 seconds after the message appears. In this way, the suggested speed will be set on the Adaptive Cruise Control.

The activation of the Intelligent Adaptive Cruise Control is indicated by the symbol  appearing on the display and the green circle around the speed limit sign.

ACCELERATING WHEN OVERTAKING

When driving with the device active and following a vehicle, the device provides additional acceleration to facilitate overtaking, when travelling over a given speed and switches on the left direction indicator on roads with right-hand traffic (of the right indicator for roads with left-hand traffic).

The device detects the direction of traffic automatically when the car passes from left-hand traffic to right-hand traffic.

RECALLING THE SPEED

Once the device has been cancelled but not deactivated, if a speed was previously set simply press the RES button and remove your foot from the accelerator to recall it.

The device will be set to the last stored speed.

Before returning to the previously set speed, bring the speed close to that value, then press the RES button and release it.

WARNING The recall function must only be used if the road and traffic conditions so allow. Recalling an excessively high or low speed for the current traffic and road conditions could cause an acceleration or a deceleration of the car. Failure to comply with these precautions may cause serious accidents and fatal injuries.

COMING TO A STOP AND RESTARTING

The system can decelerate the car to a standstill when the vehicle in front of it slows down and stops. The system will automatically restart the car if the car comes to a stop and the vehicle in front restarts within 3 seconds. If the vehicle in front restarts after 3 seconds, ring (3) must be turned to the SET + position instead to reactivate.

The system is only applicable to cars equipped with ACC Stop&Go.

NOTE The electric parking brake will be activated and the system will be deactivated at speeds close to stopping, if the driver unbuckles the seat belt or opens the door.

WARNING The driver must ensure that there are no pedestrians, vehicles or other obstacles in front of the car when

the system is reactivated. Failure to comply with this precaution may cause serious accidents and fatal injuries.

SETTING THE DISTANCE BETWEEN CARS

The distance between your car and the vehicle ahead may be set to 1 bar (short), 2 bars (medium), 3 bars (long), 4 bars (maximum) (2) fig. 176.

When the dedicated screen is not shown on the display, the set distance is shown via the graphics (2) fig. 177.

The distances from the vehicle ahead are proportional to speed.

The interval of time with respect to the vehicle ahead remains constant and varies from 1 second (for the short distance 1-bar setting) to 2 seconds (for the maximum distance 4-bar setting) - applicable only to vehicles equipped with ACC Stop&Go.

The setting is 4 (maximum) the first time the device is used. After the distance has been modified by the driver, the new distance will be stored also after the device has been deactivated and reactivated.

Changing the speed

Press and release the button to adjust the distance setting (2) fig. 175.

The distance setting decreases by one bar (shorter) every time the button is pressed.

The set speed is held if there are no cars ahead. Once the shortest distance has been reached, a further press of the button will set the longest distance.

If a vehicle is detected ahead in the same lane, travelling at slower speed, an icon appears on the display (where provided). The device will automatically adjust the car speed to hold the distance setting regardless of the set speed.

The car holds the set distance until:

- ❑ the vehicle ahead accelerates to a speed higher than the set speed
- ❑ the vehicle ahead leaves the lane or the detection field of the Adaptive Cruise Control device sensor
- ❑ the distance setting is changed
- ❑ the Adaptive Cruise Control device is deactivated/cancelled

WARNING The maximum braking applied by the device is limited. The driver may apply the brakes in all cases if needed.

WARNING If the device predicts that the braking level is not sufficient to hold the set distance, the driver is warned by a message on the display, indicating that the vehicle ahead is too close. An acoustic warning is also emitted. In this case, it is advisable to brake immediately

as necessary to hold a safe distance from the vehicle ahead.

WARNING The driver is responsible for ensuring that there are no pedestrians, other cars or objectives along the direction of the car. Failure to comply with these precautions may cause serious accidents and injuries.

WARNING The driver is fully responsible for holding a safe distance from the vehicle ahead respecting the highway code in force in the respective country.

DEACTIVATION

The device is deactivated and the set speed is cancelled if:

- ❑ the button (1) fig. 175 is pressed on the Adaptive Cruise Control
- ❑ the ignition device is set to STOP the device is cancelled:

- ❑ when pressing the CANC button on the steering wheel (fig. 175)
- ❑ when the conditions indicated in the paragraph "Setting the desired speed" occur
- ❑ when of the car speed drops under the minimum set speed (e.g. in presence of slow vehicles) - only for cars without ACC with Stop&Go
- ❑ when the radar on the front bumper is unavailable
- ❑ when reaching very steep slopes

If these conditions occur while the device is decelerating with respect to a vehicle ahead, the device could continue the deceleration, if necessary, also after it is cancelled or deactivated within the minimum speed settable on the device.

DEVICE LIMITED OPERATION WARNING

If the dedicated message is shown on the display, a condition limiting the device operation may have occurred.

The possible reasons of this limitation are a fault, blinding of one of the sensors or something blocking the camera view.

In case of obstruction or blinding of the camera (e.g. caused by low sun in front of the windscreen or in the conditions of fog or heavy rain), wait until the light and glare conditions cease and allow the device to operate fully or clean the windscreen.

In case of radar sensor obstruction, clean the sensor position in the zone shown in fig. 174.

Use a clean cloth for cleaning. Do not use solvents or abrasive paste.

When the conditions limiting the device functions end, this will go back to normal and complete operation. Should the fault persist, contact an Alfa Romeo Dealership.



ABC

PRECAUTIONS WHILE DRIVING

The device may not work correctly in some driving conditions (see below): the driver must control the car at all times.

Towing a trailer

Use of the device is not recommended while towing a trailer.

Vehicle not aligned

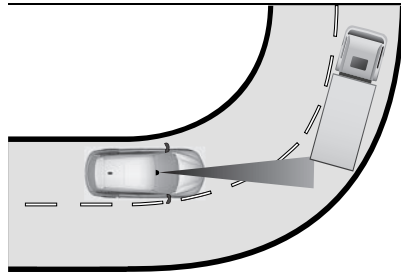
The device may not detect a vehicle travelling on the same lane but which is not aligned along the same direction of travel or a vehicle which is cutting in from a side lane. Sufficient distance from the vehicles ahead may not be guaranteed in these cases.

The non-aligned vehicle can weave in and out of the driving direction causing the car to brake or accelerate unexpectedly.

Steering and curves

On curves fig. 178 with the device set, it could limit speed and acceleration to guarantee car stability even if no cars are detected ahead.

When leaving the curve, the device resets the previously set speed.



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WARNING In case of narrow curves, the performance of the device could be limited. In this case, it is advisable to deactivate the device. In this case, it is advisable to deactivate the device.

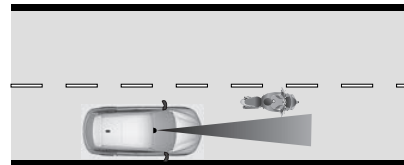
Using the device on gradient

When driving on roads with variable gradient, the device may not detect the presence of a vehicle on the lane. Device performance could be limited according to speed, load, traffic conditions and gradient steepness.

Lane change

The device may not detect the presence of a vehicle until it is fully in your lane fig. 179.

In this case, sufficient distance from the vehicle which is changing lane may not be guaranteed: it is advisable to pay the utmost attention at all times and be always ready to press the brakes if needed.



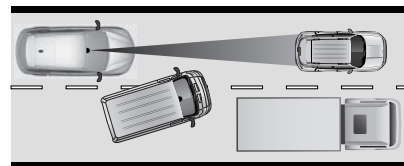
179

9650174

Small vehicles

Some narrow vehicles (e.g. bicycles and motorcycles fig. 180) travelling near the outer edges of the lane or which enter the lane from kerbside are not detected until they are fully in the lane.

Sufficient distance from the vehicles ahead may not be guaranteed in these cases.



180

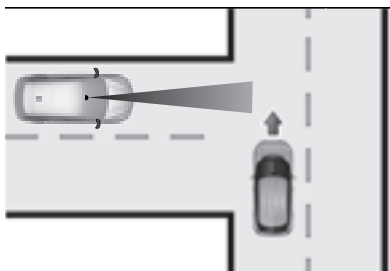
9650175

Stationary objects and vehicles

The device cannot detect the presence of stationary vehicles or objects. For example, the device will not operate if the vehicle ahead leaves the lane and a vehicle ahead of that one is standing on the lane. Pay the utmost attention at all times and be always ready to press the brakes if needed.

Objects and vehicles moving in opposite or crosswise direction

The device cannot detect the presence of objects or cars travelling in opposite or crosswise direction fig. 181 and consequently will not be operated.



181

9650176



IMPORTANT

145) Pay the utmost attention while driving at all times and be always ready to press the brakes if needed.

146) The system is an aid for the driver, who must always pay full attention while driving. 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 vehicle in front.

147) The device is not activated in presence of pedestrians, oncoming vehicles in the opposite direction of travel or moving in the crosswise direction and stationary objects (e.g. a vehicle standing in a queue or a broken down vehicle).

148) The device cannot take account of road, traffic and weather conditions and conditions of poor visibility (e.g. fog).

149) The device does not always fully recognise complicated driving conditions which could cause incorrect or non-existing determination of the safe distance to be held.

150) The device cannot apply the maximum braking force: the car will not be stopped completely.

151) The radar is provided with defrosting system. For this reason, it can reach high temperatures in some conditions. If you need to operate in the zone surrounding the sensor, wait for at least 30 seconds from when the engine is switched off.



WARNING

55) The system may have limited operation or not work at all in weather conditions such as: heavy rain, hail, thick fog, heavy snow.

56) The section of the bumper area in front the sensor or the radar sensor itself must not be covered with stickers, auxiliary headlights or any other object.

57) Operation can be adversely affected by any structural change made to the car, such as a modification to the front geometry, tyre change, or a heavier load than the standard load of the car.

58) Incorrect repairs made on the front part of the car (e.g. bumper, chassis) may alter the position of the radar sensor, and adversely affect its operation. Go to an Alfa Romeo Dealership for any operation of this type.

59) Do not tamper with or carry out any intervention on the radar sensor or on the camera on the windscreen glass. In the event of a sensor failure, contact an Alfa Romeo Dealership.

60) Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector. Do not use solvents or abrasive paste.

61) Be careful in case of repairs and painting in the zone around the sensor. In the event of a frontal impact the sensor may automatically deactivate and display a warning to indicate that the sensor needs to be repaired. Even without a malfunction warning, deactivate the system operation if you think that the position of the radar sensor has changed (e.g. due to low-speed frontal impact as during parking manoeuvres). In these cases, go to an Alfa Romeo Dealership to have the radar sensor realigned or replaced.



ABC

ACTIVE DRIVING ASSIST

(where provided)

152) 153) 154) 155) 156) 157) 158) 159) 160) 161) 162) 163) 164) 165) 166) 167)

62) 63) 64) 65) 66) 67) 68) 69) 70)

The system combines the functions of the ACC device (Adaptive Cruise Control with Stop&Go, see the dedicated paragraph) with a lane centring logic to control the trajectory of the car holding it as close as possible in the middle of the lane and also managing speed.

The system uses information from the camera located on the windscreen fig. 182 and the front radar fig. 183 to help you keep the car in the middle of the lane at a constant speed.



182

9650189



183

9651033

OPERATION

If the event that the lane marking line is missing or not correctly recognised, the Active Driving Assist system may also use information from adjacent and preceding vehicles. This condition may occur in congested traffic, when the car in front and/or objects around the car obstruct the lane markings. In this case, the system can use the queues of cars in the traffic to define the driving trajectory. Alternatively, the system can use the "lock-on" strategy, which allows it to automatically follow the car in front.

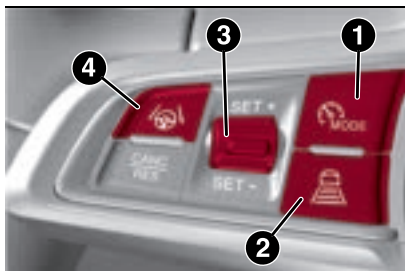
The system only works if the driver keeps his or her hands on the steering wheel.

If the system detects that hands have been removed from the steering wheel, it will alert you of the need to put your hands back on the steering wheel (see following pages).

WARNING The Active Driving Assist system can take a few seconds to activate once all conditions are met. During this time, a grey indication will appear on the instrument panel display and the system will be activated automatically as soon as all conditions are met, without any intervention by the driver.

The following conditions must be met before the Active Driving Assist system turns on:

- ☐ the Active Driving Assist system must be switched on by pressing the button (4) fig. 184 on the steering wheel
- ☐ the Adaptive Cruise Control (ACC) device with Stop&Go must be on
- ☐ the car speed must be between 0 and 150 km/h
- ☐ no anomaly related to the camera or the radar must be present
- ☐ the road lane width must be between 2.7 metres and 4.2 metres
- ☐ the direction indicators must not be activated
- ☐ no anomaly related to the system must be present



184

9650325

ACTIVATION / DEACTIVATION

To activate the system, press button (4) fig. 184 on the steering wheel.

To deactivate the system press the button again.

Pressing the button (4) activates both ACC with Stop&Go and the lane centring function.

Suspension conditions

System operation is temporarily paused in the following cases:

- ☐ deactivation or inhibition of the ACC system with Stop&Go (see paragraph on Adaptive Cruise Control with Stop&Go below)
- ☐ if there are very tight bends
- ☐ one of the two lines is broken or ruined
- ☐ the sun is low and is dazzling the camera on the windscreen
- ☐ if the left or right direction indicator is activated

- ☐ if the driver intentionally changes lanes without switching on the direction indicator on the corresponding side
- ☐ when there is no surrounding traffic and there are no horizontal markings or they cannot be detected
- ☐ if there are system anomalies
- ☐ if the car speed exceeds the maximum limit
- ☐ if lateral acceleration is high
- ☐ poor visibility (due to heavy rain, snow, fog, etc.)

Automatic deactivation

The system is deactivated if you take your hands off the steering wheel for 45 seconds.

WARNING When the Active Driving Assist is paused the related graphics in the dedicated area will turn grey.

WARNING Hands on the steering wheel are detected by a capacitive sensor installed in it.

When the suspension conditions are over, the Active Driving Assist will be available again without requiring any reactivation action by the driver.

INDICATIONS ON THE DISPLAY

The system status can always be viewed through a dedicated area on the instrument panel display.

The system status is indicated by the colour of the symbol .

If the driver's hands are not on the steering wheel, a series of warnings will appear on the instrument panel display to alert the driver that he needs to reposition his hands on the steering wheel. Acoustic signals will also be emitted.

After a certain period of time, the Active Driving Assist system will be disabled if the driver has not repositioned his or her hands on the steering wheel.

When the system does not detect hands on the steering wheel for a few seconds, it will warn the driver by displaying a dedicated screen at the centre of the instrument panel display (see the description in the following pages).

SYSTEM STATUS

System active: The active and correctly operating system status is indicated by the following screen on the instrument panel display fig. 185 in the "Driver Assistance" menu.

When the hands are removed from the steering wheel, the system does not deactivate automatically, but after a few seconds: some dedicated screens appear on the instrument panel display in sequence, to warn the driver to return his or her hands to the steering wheel (see the description below).



ABC



185

9650014

System active (hands removed from the steering wheel for a short time):

As soon as you remove your hands from the steering wheel with the car moving, this screen fig. 186 appears on the instrument panel display: in this case, the system remains active.

If the driver has not returned his or her hands to the steering wheel within a few seconds, this screen fig. 187 will appear on the instrument panel display.



186

9650013



187

9650015

Active system (hands removed from the steering wheel for a long time):

If you do not place your hands on the steering wheel with the car moving, a countdown will begin, leading to the activation of visual and audible warnings. Furthermore, the system will initiate a minimum risk manoeuvre to bring the car to safety if no hands are detected.

MINIMUM RISK MANOEUVRE

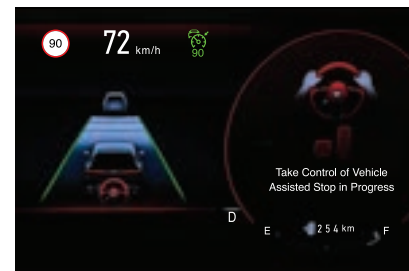
The Adaptive Cruise Control system will braking slightly 23 seconds after removing the hands from the steering wheel to warn and encourage the driver to regain control of the car. fig. 188



188

9651245

If the driver does not regain control of the vehicle after a further 3 seconds, the system will brake again lightly. Subsequently, the system will automatically braking (with corresponding alert on the instrument panel display fig. 189) to bring the car to a stop if you still do not put your hands back on the steering wheel persists.



189

9651246

The hazard warning lights will be activated as soon as the system activates the automatic braking. When

the car is at a standstill, the system will unlock the doors (if previously locked) and keep the hazard lights on and deactivate the steering wheel control.

If you regain control of the vehicle during the braking phase of the minimum risk manoeuvre, placing your hands on the steering wheel or pressing the accelerator pedal will cause the system to behave normally and the minimum risk manoeuvre will be aborted.

When the Active Driving Assist system is active, Lane Control (where provided) is temporarily paused. When the Active Driving Assist system is not active, Lane Keeping Assist (where provided), if previously activated, is still available. For more information on the Lane Keeping Assist system, see the "Driving assistance systems" chapter in the "Safety" section.

SYSTEM LIMITED OPERATION

The Active Driving Assist may have limited or reduced functionality when one of the following conditions occurs: The main ones are listed below:

- ❑ lane marking lines are not clear or in conditions of poor visibility (e.g. in heavy rain, snow, fog, etc.)
- ❑ either the camera or radar are damaged, covered or obstructed (e.g. by mud, ice, snow, etc.)

- ❑ when driving in the hills or on roads with narrow turns
- ❑ near motorway toll-gates
- ❑ when the motorway entrance or exit is more than 6 meters wide
- ❑ if the camera is exposed to dazzling light (e.g. reflection or direct sunlight)

ADAPTIVE CRUISE CONTROL (ACC) WITH STOP&GO



DESCRIPTION

The Adaptive Cruise Control with Stop&Go is a driver assistance device which combines the Cruise Control functions with one for controlling the distance from the vehicle ahead.

The system allows the car to be held at the desired speed without needing to press the accelerator. It also allows holding the distance set by the driver from the vehicle ahead.

The system uses a radar sensor, located behind the front bumper and a camera, located in the middle area of the windscreen, to detect the presence of a vehicle close ahead.

WARNINGS

If the sensor does not detect any vehicle ahead, the device will maintain a fixed set speed.

If the sensor detects a vehicle ahead, the device automatically intervenes by

braking (or accelerating) slightly in order not to exceed the original set speed, so that the car keeps the preset distance, seeking to adapt to the speed of the vehicle ahead.

It is advisable to turn the device off in the following cases:

- ❑ driving in fog, heavy rain, snow and in complex driving situations
- ❑ driving close to a bend (winding roads), icy, snowy, slippery roads or with a steep uphill or downhill slope
- ❑ entering a turn lane or an off-ramp of the motorway
- ❑ when circumstances do not allow safe driving at a constant speed

ACTIVATION



To activate the device, press and release the button (1) fig. 184.

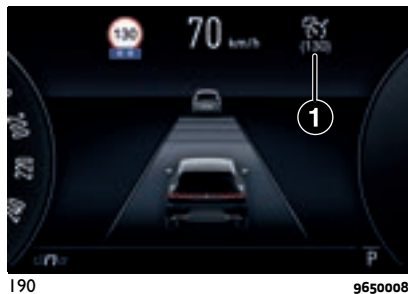
Pressing the button (1) fig. 184 switches between Speed Limiter and Adaptive Cruise Control. If one of the two functions is activated when the ignition device is in the STOP position, it will remain activated when the ignition device is returned to the ENGINE position.

When the system is enabled and ready for operation, a graphic indicating the "readiness" of the system and a dedicated symbol (1) depicted as illustrated in fig. 190 will appear on the



ABC

display. The symbol (1) is white with system enabled and turns green when the system is activate (set speed).



WARNING It is dangerous to leave the device activated when it is not used. There is a risk of inadvertently activating it and losing control of the car due to unexpected excessive speed.

DEACTIVATION

With the device active, to deactivate it press and release the button (1) fig. 184.

SETTING THE DESIRED SPEED

The desired speed can be set even when the car is stationary, from 30 km/h up to 180 km/h.

When the car reaches the desired speed, press and release the button SET + or SET - to set the speed to the current speed. The display will show the set speed. Then take your foot off the accelerator pedal. Press the accelerator

pedal to make the car go faster than the set speed.

While the accelerator pedal is pressed:

- ❑ a dedicated message will appear on the display for a few seconds
- ❑ the device will not be able to control the distance between the car and the vehicle ahead. In this case the speed will be determined only by the position of the accelerator pedal.

The device will return to normal operation as soon as the accelerator pedal is released.

The system cannot be set:

- ❑ when the brake pedal is pressed
- ❑ when the brakes are overheated
- ❑ when the electric parking brake has been applied
- ❑ when the transmission in P (Park), R (Reverse) or N (Neutral)
- ❑ when an intervention of the ESC system (or ABS or other stability control systems) is in progress, or has just ended
- ❑ when the Autonomous Emergency Braking Control system (where provided) is braking automatically
- ❑ when the Speed Limiter is active: press the button (1) fig. 184 to deactivate the Speed Limiter. Press the button again to set the system to "ready" status
- ❑ in case of failure of the device itself

- ❑ if the engine is off
- ❑ on very steep slopes
- ❑ in case of radar sensor obstruction: in this case, clean the sensor. Use a clean cloth for cleaning. Do not use solvents or abrasive paste. In case of system set, the conditions described above also cause a cancellation or deactivation of the system with times that may vary according to the conditions

WARNING The device is not deactivated when speeds higher than those set are reached with the accelerator pedal pressed. In these conditions, the device may not work correctly and it is advisable to deactivate it.

INCREASING/DECREASING OF SPEED

After having set the system, the stored speed can be increased or decreased by holding the SET + and SET - buttons pressed.

By turning the ring (3) ring towards SET + or SET - (first position of the ring) for a very short time, the set speed increases or decreases by 1 km/h (1 mph). Each turn of the ring will increase or decrease the speed by 1 km/h (1 mph). By keeping the ring in the SET + or SET - position, the set speed increases or decreases in proportion to the time the stalk is held in that position.

By turning the ring (3) ring towards SET ++ or SET -- (second position of the ring)

for a very short time, the set speed increases or decreases by 10 km/h (10 mph). Each turn of the ring will increase or decrease the speed by 10 km/h (10 mph). By keeping the ring in the SET ++ or SET -- position, the set speed increases or decreases in proportion to the time the lever is held in that position.

The set speed increase or decrease is shown on the display.

WARNINGS

- ❑ By keeping the accelerator pedal depressed, the car can continue to accelerate beyond the set speed. In this case, turn the ring towards SET + (or SET -) button to set the speed to the current speed of the car. By turning the ring to the SET++ or SET --, the speed will be rounded to a larger multiple of the current speed of the car.
- ❑ When the SET - button is pressed to reduce the speed, the braking system intervenes automatically if the exhaust brake does not slow the car down sufficiently to reach the set speed.
- ❑ The system holds the set speed uphill and downhill; however a slight variation is entirely normal, particularly on steep gradients.
- ❑ The device is switched off while driving if the brakes overheat.

SPEED VARIATION WITH ROAD SIGN (INTELLIGENT ADAPTIVE CRUISE CONTROL)

The "Intelligent Adaptive Cruise Control" system can be used to set a speed limit equal to that indicated on the road sign detected by the "Traffic Sign Information" system (see the respective paragraph in this section).

If the driver has selected the confirmation capture option on the Alfa Connect with Navigator / Alfa Connect system settings, when a new speed limit is recognised, the Traffic Sign Recognition system will suggest the new limit using a message on the instrument panel display. The driver can accept the new limit by turning the ring (3) (SET +) upwards within the first 5 seconds after the message appears. In this way, the suggested speed will be set on the Adaptive Cruise Control.

If the driver has selected the automatic capture option on the Alfa Connect with Navigator / Alfa Connect system settings, on recognition of a new road sign, the Traffic Sign Recognition system will automatically set the speed of the newly detected limit on the Adaptive Cruise Control. The driver can override the speed setting by turning the ring (3) (SET +) upwards within the first 5 seconds after the speed limit has been detected.

The activation of the Intelligent Adaptive Cruise Control is indicated by the appearance of the symbol  on the display and the appearance of a green circle around the speed limit sign.

COMING TO A STOP AND RESTARTING

The system can decelerate the car to a standstill when the vehicle in front of it slows down and stops. The system will automatically restart the car if the car comes to a stop and the vehicle in front restarts within 3 seconds. If the vehicle in front restarts after 3 seconds, ring (3) must be turned to the SET + position instead to reactivate the system and restart. If the system keeps the car at a standstill for 2 minutes, the electric parking brake will activate and the system will be deactivated.

NOTE The electric parking brake will be activated and the system will be deactivated at speeds close to stopping, if the driver unbuckles the seat belt or opens the door.

WARNING The driver must ensure that there are no pedestrians, vehicles or other obstacles in front of the car when the system is reactivated. Failure to comply with this precaution may cause serious accidents and fatal injuries.

RECALLING THE SPEED

Once the system has been cancelled by pressing the brake pedal or the CANC



ABC

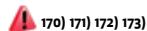
button (or RES/CANC, where provided) but not deactivated by pressing button (1) in fig. 184, simply press the RES button (or RES/CANC, where provided) and take your foot off the accelerator pedal to recall a previously set speed.

The system will be set to the last stored speed.

Before returning to the previously set speed, bring the speed close to that value, press the RES button (or RES/CANC, where provided) and release it.

WARNING The recall function must only be used if the road and traffic conditions so allow. Recalling an excessively high or low speed for the current traffic and road conditions could cause a sudden acceleration or a deceleration of the car. Failure to comply with these precautions may cause serious accidents and fatal injuries.

SETTING THE DISTANCE BETWEEN CARS



The distance between your car and the vehicle ahead may be set to 1 bar (short), 2 bars (medium), 3 bars (long), 4 bars (maximum) fig. 191.



191

9650010

The distances from the vehicle ahead are proportional to speed. The interval of time with respect to the vehicle ahead remains constant and varies from 1 second (for the short distance 1-bar setting) to 2 seconds (for the maximum distance 4-bar setting).

The setting is 4 (maximum) the first time the device is used. After the distance has been modified by the driver, the new distance will be stored also after the system is deactivated and reactivated.

To decrease the distance

Press and release the button to decrease the distance setting (2) fig. 184.

The distance setting decreases by one bar (shorter) every time the button is pressed.

Once the shortest distance has been reached, a further press of the button will set the longest distance. The set speed is held if there are no cars ahead.

If the vehicle shown on the instrument panel display is travelling in the same lane at a lower speed, a dedicated symbol is shown on the display on some versions. The device will automatically adjust the car's speed to maintain the set distance, independently of the set speed.

The car holds the set distance until:

- the vehicle ahead accelerates to a speed higher than the set speed
- the vehicle ahead leaves the lane or the detection field of the Adaptive Cruise Control device sensor
- the distance setting is changed
- the Adaptive Cruise Control device is deactivated/cancelled

WARNING The maximum braking applied by the device is limited. The driver may apply the brakes in all cases if needed.

WARNING If the system predicts that the braking level is insufficient to maintain the set distance, it signals the driver to pay attention when approaching the vehicle ahead by displaying an alert message on the display. An acoustic warning is also emitted. In this case, it is advisable to brake immediately as necessary to hold a safe distance from the vehicle ahead.

WARNING The driver is responsible for ensuring that there are no pedestrians, other cars or objectives along the direction of the car. Failure to comply

with these precautions may cause serious accidents and injuries.

WARNING The driver is fully responsible for holding a safe distance from the vehicle ahead respecting the highway code in force in the respective country.

OVERTAKING AID FUNCTION



The Adaptive Cruise Control system, when traffic conditions permit, allows additional acceleration to be given to the car to facilitate overtaking by simply activating the direction indicator.

This additional acceleration is provided as long as the distance to the vehicle to be overtaken is guaranteed.

Once acceleration is perceived, the driver must make sure that the traffic and cars coming from behind allow it, and to make the lane change manoeuvre.

Once the trajectory is clear of vehicles, Adaptive Cruise Control will regain control of the selected speed, or reduce it to maintain the desired distance from the vehicle ahead.

NOTE The overtaking aid function is only available on the side where overtaking is permitted according to the highway code (left in countries with traffic on the right side of the carriageway, right in countries with traffic on the left side).

SPEED REDUCTION ON BENDS

The Adaptive Cruise Control system can decelerate slightly on bends to improve car stability and comfort.

The functionality can be a valuable aid when driving around a roundabout or with gradual curves, approached with increasing curvature. The system is unable to compensate for sudden steering or, in general, medium to high lateral acceleration.

However, it is the driver's responsibility, depending on traffic conditions, to apply the brake pedal where necessary to further reduce speed, ensuring stability in sharp or decreasing radius bends.

DEACTIVATION

The device is deactivated and the set speed is cancelled if:

- ❑ push the button (1) fig. 184
- ❑ the ignition device is set to STOP the device is cancelled:
- ❑ by pressing the CANC button (or RES/CANC, where provided)
- ❑ when the conditions indicated in the paragraph "Setting the desired speed" occur
- ❑ when the radar on the front bumper is unavailable
- ❑ when reaching very steep slopes

If these conditions occur while the system is decelerating with respect to a

vehicle ahead, the system could continue the deceleration, if necessary, also after it is cancelled or deactivated within the minimum speed settable on the system.

SYSTEM LIMITED OPERATION WARNING

If the dedicated message is shown on the instrument panel display, a condition limiting the system operation may have occurred. The possible reasons of this limitation are something blocking the camera view or a fault.

In case of obstruction or blinding of the camera (e.g. caused by low sun in front of the windscreen or in the conditions of fog or heavy rain), wait until the light and glare conditions cease and allow the system to operate fully or clean the windscreen.

If an obstruction is signalled, clean the area of the windscreen indicated in fig. 182 and check that the message has disappeared.

When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact an Alfa Romeo Dealership.

PRECAUTIONS WHILE DRIVING

The system may not work correctly in some driving conditions (see below): the driver must control the car at all times.



ABC

Vehicle not aligned

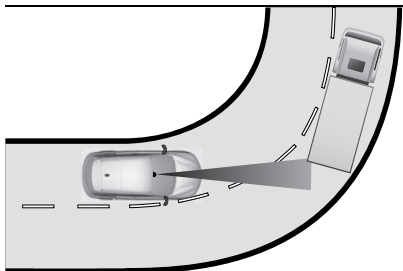
The system may not detect a vehicle travelling on the same lane but which is not aligned along the same direction of travel or a vehicle which is cutting in from a side lane. Sufficient distance from the vehicles ahead may not be guaranteed in these cases.

The non-aligned vehicle can weave in and out of the driving direction causing the car to brake or accelerate unexpectedly.

Steering and curves

On bends fig. 192 with the system set, it could limit speed and acceleration to guarantee car stability even if no cars are detected ahead.

When leaving the bend, the system tends to reset the previously set speed.



192

9650173

WARNING In case of narrow bends, the performance of the system could be limited. In this case, it is advisable to deactivate the device.

194

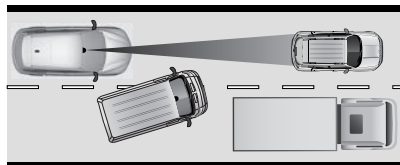
Using the system on gradient

When driving on roads with variable gradient, the system may not detect the presence of a vehicle on the lane. The system performance be limited according to speed, load of the car, traffic conditions and gradient steepness.

Lane change

The system may not detect the presence of a vehicle until it is fully in your lane fig. 193.

In this case, sufficient distance from the vehicle which is changing lane may not be guaranteed: it is advisable to pay the utmost attention at all times and be always ready to press the brakes if needed.



193

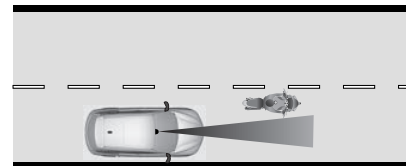
9650175

Small vehicles

Some narrow vehicles (e.g. bicycles and motorcycles fig. 194) travelling near the outer edges of the lane or which enter

the lane from kerbside are not detected until they are fully in the lane.

Sufficient distance from the vehicles ahead may not be guaranteed in these cases.



194

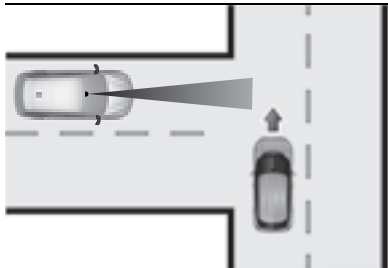
9650174

Stationary objects and vehicles

The system cannot detect the presence of stationary objects and vehicles if you are travelling at a speed exceeding 60 km/h. For example, the system may not operate if the vehicle ahead leaves the lane and a car stopped on the lane ahead of it. Pay the utmost attention at all times and be always ready to press the brakes if needed.

Objects and vehicles moving in opposite or crosswise direction

The system cannot detect the presence of objects or cars travelling in opposite or crosswise direction fig. 195 and consequently will not be operated.



195

9650176



IMPORTANT

152) Pay the utmost attention while driving at all times and be always ready to press the brakes if needed.

153) The system is an aid for the driver, who must always pay full attention while driving. 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 vehicle in front.

154) The system is an aid for car driving, it DOES NOT warn the driver about incoming cars outside of the detection areas. The driver must always maintain a sufficient level of attention to the traffic and road conditions and for controlling the trajectory of the car.

155) The device is not activated in presence of pedestrians, oncoming vehicles in the opposite direction of travel or moving in the crosswise direction and stationary

objects (e.g. a vehicle standing in a queue or a broken down vehicle).

156) The device cannot take account of road, traffic and weather conditions and conditions of poor visibility (e.g. fog).

157) The device does not always fully recognise complicated driving conditions which could cause incorrect or non-existing determination of the safe distance to be held.

158) When driving on two-way roads where there is no lane dividing centre line (e.g. on country roads), the use of the ACC and Active Driving Assist systems is strongly discouraged as this system could detect the entire carriageway as single-lane dividing lines.

159) Do not place any objects on the steering wheel (e.g. steering wheel covers of any type or material) which could interfere with the capacitive hand detection sensor on the steering wheel.

160) Many unpredictable situations can arise, affecting the performance of Active Driving Assist system. The driver must be ready to react immediately and take control of the car in place of Active Driving Assist system.

161) If the car approaches a bend that is too tight with respect to the current speed, the Active Driving Assist system turns off. The driver must therefore be ready to immediately regain control of the car at any time. To avoid this situation it is important that the car speed set does not exceed the current road speed limit.

162) The Active Driving Assist system uses a hands on steering wheel detection sensor: the driver must keep his hands

on the steering wheel at all times. If the hands are removed from the steering wheel for a certain period of time, the system disengages.

163) When using Active Driving Assist system, hold the steering wheel and consider the road conditions and surrounding traffic. The driver must therefore be ready to immediately regain control of the car at any time. Failure to observe these instructions can cause severe injuries with even lethal consequences.

164) The Active Driving Assist system is an aid for the driver, who must always pay full attention while driving. 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 vehicle in front.

165) If the windscreen must be replaced due to scratches, chipping or breakage, contact exclusively an Alfa Romeo Dealership. Do not replace the windscreen on your own, risk of malfunction! It is advisable to replace the windscreen if it is damaged in the area of the camera.

166) Driving the car on urban routes could significantly change the sensitivity of the system, due to the limited and/or lack of vertical and horizontal signs and variable traffic conditions.

167) External factors and conditions may affect the proper operation of the Active Driving Assist system: damage or obstructions caused by mud, ice, snow, etc., damaged or misaligned bumpers, interference with other equipment that causes electromagnetic waves.



ABC

168) The device can take the car to a standstill but the driver must always be ready to apply the brakes, if necessary.

169) 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.

170) The maximum braking applied by the device is limited. The driver may apply the brakes in all cases if needed.

171) If the device predicts that the level of braking is not sufficient to maintain the set distance, the word "BRAKE!" or a dedicated message on the instrument panel display warns the driver that the vehicle ahead is too close. An acoustic signal is also emitted. In this case, it is advisable to brake immediately as necessary to hold a safe distance from the vehicle ahead.

172) The driver is responsible for ensuring that there are no pedestrians, other vehicles or objectives along the direction of the vehicle. Failure to comply with these precautions may cause serious accidents and injuries.

173) The driver is fully responsible for holding a safe distance from the vehicle ahead respecting the highway code in force in the respective country.

174) The device detects the direction of traffic automatically when the car passes from left-hand traffic to right-hand traffic. In this case, the overtaking assist function is only active when the reference vehicle is overtaken on the right. The additional acceleration is activated when the driver uses the right direction indicator. In this condition, the device no longer provides the overtaking assist function on the left-

hand side until it determines that the car has returned to left-hand traffic conditions.



WARNING

62) The system may have limited operation or not work at all in weather conditions such as: heavy rain, hail, low sun, blinded camera, thick fog, heavy snow.

63) The camera on the windscreen must not be covered with stickers or any other object.

64) Operation can be adversely affected by any structural change made to the car, such as a modification to the front geometry, tyre change, or a heavier load than the standard load of the car.

65) Incorrect repairs in the zone where the camera is mounted may interfere with its field of vision and reduce its performance (e.g. application of fillers or glues to remove scratches). Go to an Alfa Romeo Dealership for any operation of this type.

66) Do not tamper with nor operate on the camera on the windscreen. In the event of a sensor failure, contact an Alfa Romeo Dealership.

67) Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector. Do not use solvents or abrasive paste.

68) Be careful in case of repairs and painting in the zone around the sensor. In the event of a frontal impact the sensor may automatically deactivate and display a warning to indicate that the sensor needs to be repaired. Even without a malfunction warning, deactivate the system

operation if you think that the position of the radar sensor has changed (e.g. due to low-speed frontal impact as during parking manoeuvres). In these cases, go to an Alfa Romeo Dealership to have the radar sensor realigned or replaced.

69) Do not use the Active Driving Assist off-road, where the road surface is not well defined or on roads where the road markings are missing (e.g. work in progress, roads with temporary tarmac). The system is designed for use on perfectly tarmacked roads only.

70) In case of strong variations in light (e.g. tunnel entrances and exits), the sensor may not function correctly due to temporary blinding and therefore the system may not be active.

"Alfa DNA™ SYSTEM "WITH ESC OFF "(Plug-In Hybrid Q4 version)"



DRIVING MODE SELECTION

This device allows different car response modes to be selected according to driving style and road conditions using the selector fig. 196 (on the central tunnel).

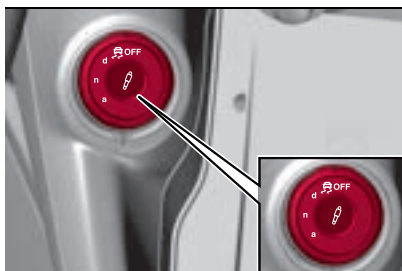
□ **d** = "Dynamic": this mode allows the heat engine to be forced on and used in conjunction with the electric motor to maximise the sporty driving of the car

❑ **n** = "Natural": the drive mode with hybrid operation and fully automatic torque distribution between the heat engine and electric motor

❑ **a** = "Advanced Efficiency": this mode allows the use of only the rear electric motor to be forced (e.g. for driving in LTZs)

❑  **OFF** = deactivation of ESC in addition to "Dynamic" mode settings

❑  = adjusts the calibration of the suspensions (where provided)



196

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The various modes are represented on the instrument panel display as shown in fig. 197.

The different driving modes can also be recognised by the content of the "performance" screens.



197

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WARNING If you try to select an operating mode and the operating mode selection system does not allow it, a dedicated message will appear on the instrument panel display.

WARNING Changing mode is not possible when the car speed is over 130 km/h.

"DYNAMIC" MODE

Activation

It is activated by rotating the selector to the letter "d".

Engine and automatic transmission: heat engine always on with adoption of the sports mapping.

The following devices are active: ABS (Anti-lock Braking System), EBD (Electronic Brakeforce Distribution), TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential), TTC (Torque Transfer Control), ESC (Electronic Stability

Control), ERM (Electronic Rollover Mitigation), MDG (Motor Drag Control), PBA (Panic Brake Assist), TSC (Trailer Sway Control), HSA (Hill Start Assist), RAB (Ready Alert Braking).

The TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential) and ESC (Electronic Stability Control) systems have intervention thresholds aimed at ensuring an enjoyable and sporty drive, guaranteeing the stability of the car.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is enabled.

The "e-Save" function is deactivated.

WARNING In "Dynamic" mode, the sensitivity of the accelerator pedal increases considerably. Consequently, driving is less fluid and comfortable.

The "Performance" screen displays parameters 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 acceleration peaks are displayed on the right fig. 198.



ABC



Deactivation

To deactivate the Dynamic mode, move the selector to "n", Normal mode.

"NATURAL" MODE

Activation

It is activated by rotating the selector to the letter "n".

"Natural" mode is the preferred mode in which the car will be switched on.

Engine and automatic transmission: standard response.

The following devices are active: ABS (Anti-lock Braking System), EBD (Electronic Brakeforce Distribution), TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential), ESC (Electronic Stability Control), ERM (Electronic Rollover Mitigation), MDG (Motor Drag Control), PBA (Panic Brake Assist), TSC (Trailer Sway Control), HSA (Hill Start Assist).

The following devices are disabled: TTC (Torque Transfer Control), RAB (Ready Alert Braking).

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is disabled.

The "e-Save" function is active.

The "Performance" screen shows the average and instantaneous fuel consumption fig. 199.



Deactivation

To deactivate the Natural mode, move the selector to another mode ("d" or "a").

"ADVANCED EFFICIENCY" MODE

Activation

It is activated by rotating the selector to the letter "a". With the instrument panel in "Evolved" mode, the speedometer and tachometer indicators light up green and the "charge" zone (1) fig. 200 is activated on the tachometer to indicate that the high-voltage battery is in charge mode.

If the car is switched off in "Advanced Efficiency" mode, the mode will remain active the next time the car is switched on if the conditions for enabling it are met.

Drive mode with rear electric motor only.



The following devices are active: ABS (Anti-lock Brake System), EBD (Electronic Brakeforce Distribution), TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential), ESC (Electronic Stability Control), ERM (Electronic Rollover Mitigation), MDG (Motor Drag Control), PBA (Panic Brake Assist), HSA (Hill Start Assist), TSC (Trailer Sway Control).

The TC (Traction Control), ASR (AntiSlip Regulation), and ESC (Electronic Stability Control) systems have intervention thresholds designed to ensure optimum fuel economy.

The TTC (Torque Transfer Control) and RAB (Ready Alert Braking) devices are deactivated.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is disabled.

The "e-Save" function is deactivated.

The "Performance" screen shows the average and instantaneous fuel consumption fig. 199.

Deactivation

To deactivate the "Advanced Efficiency" mode, move the selector to "n", Natural mode.

"eCoasting Descend Control" function



176) 177)

This function keeps the car speed constant while driving downhill. With the selector set to Advanced Efficiency mode, it is activated automatically as soon as the car detects that it is driving downhill and the accelerator and brake pedals are not pressed.

At low speeds, "Sailing" mode is activated to simulate driving in neutral.

At higher speeds, the electric motor slows the car down slightly by acting as a motor brake.

At 50 km/h, automatic braking of the electric motor is increased to keep that car at a constant speed.

The car accelerates when the driver presses the accelerator pedal and on releasing the pedal, "eCoasting Descend Control" regulates the motor braking to maintain the driving speed reached when the pedal was released.

The driving speed is decreased when the driver presses the brake pedal, and remains constant when it is released.

The function is deactivated automatically at the end of the downhill slope.

"ESC OFF" MODE

Activation

It is engaged by turning and holding the selector in the "ESC OFF" position for at least 2 seconds, which disengages the system (ESC Electronic Stability Control).

Disabling is signalled on the display by a dedicated screen and the illumination of the symbol  on the instrument panel.

Engine and automatic transmission: heat engine always on with adoption of the sports mapping.

The following devices are active:

ABS (Anti-Lock Brake System), EBD (Electronic Brakeforce Distribution), BLD (Brakes Lock Differential), TTC (Torque Transfer Control), ESC (only if the ABS intervenes), MDG (Motor Drag Control), HSA (Hill Start Assist) and PBA (Panic Brake Assist).

The BLD (Brakes Lock Differential) system has intervention thresholds designed to ensure maximum safety.

The TC (Traction Control), ASR (AntiSlip Regulation), ERM (Electronic Rollover Mitigation), TSC (Trailer Sway Control) and RAB (Ready Alert Braking) devices are deactivated.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is enabled.

The "e-Save" function is deactivated.

Deactivation

To deactivate the "ESC OFF" mode, take the selector to position "ESC OFF" again and the system will be set to "d" mode.



IMPORTANT

175) If the vehicle is accidentally partially immersed in water, switch off the engine and leave the vehicle immediately. Avoid physical contact with the flooded vehicle. Immediately contact the rescuers, police or fire brigade and inform them that this is a vehicle with a high voltage system.

176) System operation must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver or other people at risk.

177) The system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver, who must take into account



ABC

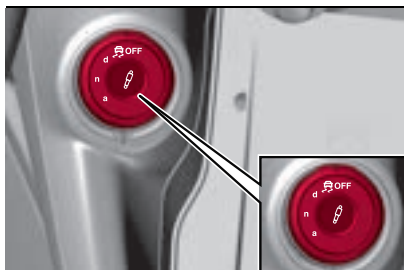
the traffic conditions in order to drive in complete safety. The driver must always maintain a safe distance from the vehicle in front.

"Alfa DNA™" SYSTEM WITH ESC OFF (excluding Plug-In Hybrid Q4 version)

DESCRIPTION

This device allows different car response modes to be selected according to driving style and road conditions using the selector fig. 201 (on the central tunnel).

- **d** = Dynamic (sports driving mode)
- **n** = Natural (mode for driving in normal conditions)
- **a** = Advanced Efficiency (ECO driving mode for maximum fuel savings)
-  **OFF** = ESC system off
-  = modifies the suspension setting (where provided, for hybrid version)



201

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200

On some versions when the engine is stopped, the selector always returns to **n** (Natural) mode.

When  OFF mode is active, the selector is illuminated in red.

The various modes are represented on the instrument panel display as shown in fig. 202.

The different driving modes can also be recognised by the content of the "performance" screens.



202

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"NATURAL" MODE

Activation

It is activated by rotating the selector to the letter "n". With the instrument cluster in "Evolved" mode, the speedometer and tachometer gauges are white.

Heat engine / hybrid system and dual clutch transmission (Diesel versions) / electrified dual clutch automatic transmission (Hybrid version) /

automatic transmission (2.0 petrol versions): standard response.

The following devices are active: ABS (Anti-lock Braking System), EBD (Electronic Brakeforce Distribution), TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential), ESC (Electronic Stability Control), ERM (Electronic Rollover Mitigation), MDG (Motor Drag Control), PBA (Panic Brake Assist), TSC (Trailer Sway Control), HSA (Hill Start Assist).

The following devices are disabled: DTV (Dynamic Torque Vectoring), RAB (Ready Alert Braking).

The Start&Stop system (for versions/markets, where provided) and the Sailing system (for versions/markets, where provided) are active.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is disabled.

The "Performance" screen shows the average and instantaneous consumption fig. 203.



203

9650095

Deactivation

To deactivate the Natural mode, move the selector to another mode ("d" or "a").

"DYNAMIC" MODE

Activation

It is activated by rotating the selector to the letter "d". With the instrument cluster in "Evolved" mode, the speedometer and tachometer gauges are red.

Heat engine / hybrid system and dual clutch transmission (Diesel versions) / electrified dual clutch automatic transmission (Hybrid versions) / automatic transmission (2.0 petrol versions): adoption of sports mapping.

The following devices are active: ABS (Anti-lock Braking System), EBD (Electronic Brakeforce Distribution), TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential), DTV (Dynamic Torque Vectoring), ESC (Electronic Stability

Control), ERM (Electronic Rollover Mitigation), MDG (Motor Drag Control), PBA (Panic Brake Assist), TSC (Trailer Sway Control), HSA (Hill Start Assist), RAB (Ready Alert Braking).

The TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential) and ESC (Electronic Stability Control) systems have intervention thresholds aimed at ensuring an enjoyable and sporty drive, guaranteeing the stability of the car.

The Start&Stop system (for versions/markets, where provided) is active.

The Sailing system (for versions/markets, where provided) is deactivated.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is enabled.

WARNING In "Dynamic" mode, the sensitivity of the accelerator pedal increases considerably. Consequently, driving is less fluid and comfortable.

The "Performance" screen displays parameters 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 acceleration peaks are displayed on the right fig. 204.



204

9650094

Deactivation

To deactivate the Dynamic mode, move the selector to "n", Natural mode.

"ADVANCED EFFICIENCY" MODE

Activation

It is activated by rotating the selector to the letter "a". With the instrument cluster in "Evolved" mode, the speedometer and tachometer gauges are white.

The ESC (Electronic Stability Control) and ASR (AntiSlip Regulation) 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.

Reduced heat engine and dual clutch transmission performance (Diesel versions) / electrified dual clutch automatic transmission / automatic transmission (2.0 petrol versions) (Hybrid version).



ABC

ECO shifting strategy for the automatic transmission.

The following devices are active: ABS (Anti-lock Braking System), EBD (Electronic Brakeforce Distribution), TC (Traction Control), ASR (AntiSlip Regulation), BLD (Brakes Lock Differential), ESC (Electronic Stability Control), ERM (Electronic Rollover Mitigation), MDG (Motor Drag Control), PBA (Panic Brake Assist), HSA (Hill Start Assist), TSC (Trailer Sway Control).

The TC (Traction Control), ASR (AntiSlip Regulation), and ESC (Electronic Stability Control) systems have intervention thresholds designed to ensure optimum fuel economy.

The DTV (Dynamic Torque Vectoring) and RAB (Ready Alert Braking) devices are deactivated.

The Start&Stop system (for versions/markets, where provided) and the Sailing system (for versions/markets, where provided) are active.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is disabled.

The "Performance" screen shows the average and instantaneous consumption fig. 205.



205

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Deactivation

To deactivate the Advanced Efficiency mode, move the selector to "n", Natural mode.

WARNING The selector will always be positioned in Natural "n" mode when the engine is started.

WARNING When the engine is next started, the "ESC OFF" mode selected previously is not retained. The system will reactivate in "Dynamic" mode.

" OFF" MODE

Activation

It is engaged by turning and holding the selector in the " OFF" position for at least 2 seconds, which disengages the system (ESC Electronic Stability Control). Disabling is signalled on the display by a dedicated screen and the illumination of the symbol .

The following devices are active:
ABS (Anti-Lock Brake System), EBD

(Electronic Brakeforce Distribution), BLD (Brakes Lock Differential), DTV (Dynamic Torque Vectoring), ESC (ABS intervention only), MDG (Motor Drag Control), HSA (Hill Start Assist) and PBA (Panic Brake Assist).

The BLD (Brakes Lock Differential) system has intervention thresholds designed to ensure maximum safety.

The following devices are deactivated: TC (Traction Control), ASR (AntiSlip Regulation), ERM (Electronic Rollover Mitigation), TSC (Trailer Sway Control), RAB (Ready Alert Braking).

The Start&Stop system (for versions/markets, where provided) is only active when the car is stopped.

The Sailing system (for versions/markets, where provided) is deactivated.

The DSV (Alfa Dual Stage Valve Suspension) system (where provided) is enabled.

Deactivation

To deactivate the " OFF" mode, take the selector to position " OFF" again and the system will be set to "d" mode.

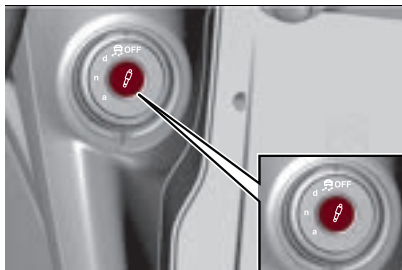
ALFA DUAL STAGE VALVE SUSPENSION (DSV)

(where provided)

The electronic suspensions control system of the car is the result of a sophisticated elaboration of the various board sensors, aimed at optimising the performance of the car.

The system offers the driver the possibility of selecting two different suspension damping setups via the suspension button. A special two-stage valve inside each shock absorber, electronically controlled by a control unit, allows the damper setting to be changed between two modes, a soft mode to improve ride comfort and a hard mode to favour handling and road holding.

The driver can choose, even while driving, (only in "d" or "OFF" mode), between two types of suspension calibration: a more sporty or a more comfortable one.



206

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By pressing the button fig. 206, the system prepares to work with a shock absorber calibration which favours driving comfort.

In the case of a system failure, the following symbol appears on the instrument panel display

COASTING

(1.6 16V Multijet 130 HP version)

The car may be provided with a "Coasting" function, which is available in driving mode "a" (Advanced Efficiency) and provides fuel savings.

This function automatically operates the clutch, allowing the car to proceed with the engine disconnected from the wheels. This allows you to drive along a stretch of road without using the engine brake to slow down the car, in order to reduce fuel consumption.

The engine remains running at idle speed allowing the functions of the car to be kept active (e.g. conventional battery charging, air conditioning, etc.).

The function intervenes autonomously in brake and accelerator release conditions from a speed of 25 km/h and up to 160 km/h.

The "Coasting" function deactivation is automatic and occurs in the following cases:

☐ engagement of mode other than

Advanced Efficiency;

☐ special driving situations (e.g. downhill driving, ESC system intervention, high lateral acceleration, etc.)

☐ disconnection of the conventional battery. In this case the following procedure must be carried out:

- start the engine
- with the transmission in position P (Park) with the engine warm (temperature indicator around the central position), accelerate until you reach the rev limiter;
- never press the brake pedal during the manoeuvre
- release the accelerator pedal fully and wait for the engine to return to idling speed
- wait at least 2 seconds
- switch off the engine

The symbol appears on the instrument panel display when the function is active. The symbol disappears when the function is deactivated.

NOTE With the "Coasting" function active, the instrument panel does not show the instantaneous consumption.



ABC

PARK SENSORS SYSTEM

VERSIONS WITH 4 SENSORS

(where provided)

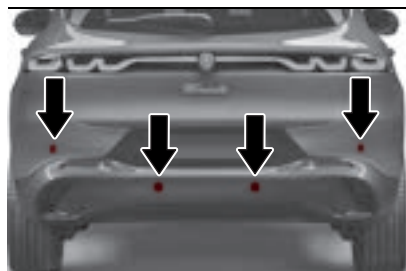


178)



71) 72) 73)

The park sensors, located in the rear bumper fig. 207, are used to detect the presence of any obstacles near the rear part of the car. The sensors warn the driver about the presence of obstacles with an intermittent acoustic signal and also with visual indications on the Alfa Connect with Navigator / Alfa Connect system display.



System activation

The system is automatically activated when reverse is engaged.

System deactivation

The system is automatically deactivated whenever a gear other than reverse is engaged.

Acoustic warning

When reverse is engaged and there is an obstacle behind the car, an acoustic warning with variable frequency is activated:

- increases as the distance between the car and the obstacle decreases
 - becomes continuous when the distance between the car and the obstacle is less than 30 cm and stops if the distance increases
 - is constant if the distance between the car and the obstacle is unchanged.
- If this situation concerns the exterior sensors, the signal will stop after approximately 3 seconds to avoid, for example, indications in the event of manoeuvres along a wall
- If several obstacles are detected by the sensors, only the nearest one is considered.

Warning on display

The indications regarding the Park Sensors system are shown on the Alfa Connect with Navigator / Alfa Connect system display only if the respective item in the "Settings" menu is selected (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section). In addition to the acoustic warning, the system indicates the presence of an obstacle in the rear area by displaying a single arc in one of the possible areas, in accordance with the distance of the

object and the position in relation to the car.

If several obstacles are detected simultaneously in the rear area, the display will show all of them, regardless of the area in which they were detected. The colour on the display depends on the distance from and position of the obstacle.

Fault indication

Any faults of the parking sensors are signalled by the relative message displayed on the instrument panel display (see the "Warning lights and messages" chapter in the "Getting to know the instrument panel" section) and by the respective icon displayed on the Alfa Connect with Navigator / Alfa Connect system display.

General warnings

When parking, take the utmost care over obstacles that may be above or under the sensor. Objects close to the car are not detected under certain circumstances and could therefore cause damage to the car or be damaged.

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
- ❑ the performance of the system can be influenced by the position of the sensors, e.g. by changing the set-up of the car (due to wear of shock absorbers or suspensions), replacing the tyres with others of different sizes, travelling with a laden car, installing specific set-ups to lower the car
- ❑ the presence of adhesives on the sensors. Therefore, take care not to place stickers on the sensors

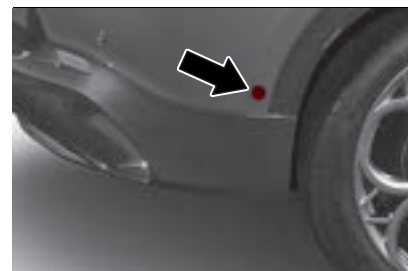
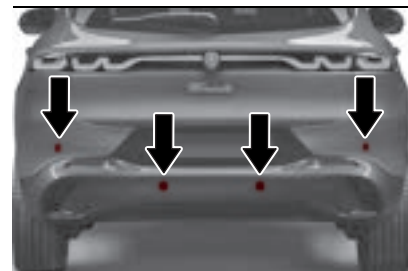
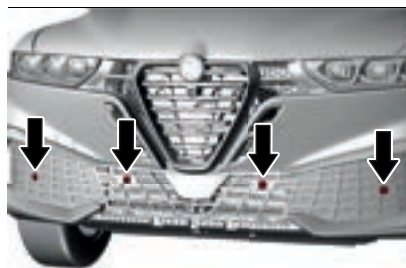
Changing the system settings

System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driving Assist" > "Front Park Sensors Volume").

VERSIONS WITH 8 or 12 SENSORS

The parking sensors, located in the front bumper, fig. 208 and fig. 209 (one on each side, for the 12-sensor version only) and rear bumper fig. 210 and fig. 211 (one on each side, for the 12-sensor version only),

are designed to detect obstacles in the vicinity of the car. The sensors warn the driver about the presence of obstacles with an intermittent acoustic signal and also with visual indications on the Alfa Connect with Navigator / Alfa Connect system display.



Manual system activation/deactivation

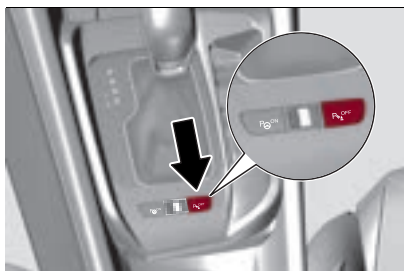
To deactivate the system manually, press the button fig. 212 or fig. 213 located on the central tunnel.

The LED on the button indicates the system status and is:

- ❑ off when the system is active
- ❑ on when the system was manually deactivated by the user or in a fault or temporary disable condition



If the button is pressed with a system failure, the LED flashes for about 5 seconds, then it stays on constantly. **WARNING** After switching off the button, the Park Sensors system remains in this state until the next time it is switched on, even after the car has been switched off and on again. The deactivation status of the system is indicated by a message on the instrument panel display when reverse gear is engaged.



212

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213

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Activation/deactivation of acoustic and visual signals

With the system active, the acoustic and visual signals are activated automatically in the following cases:

- ❑ when the transmission is in position (D) and an obstacle is detected
- ❑ when the transmission is in reverse (R)
- ❑ when the transmission is in neutral (N) and an obstacle is detected with the car in motion

The acoustic and visual signals are deactivated automatically in the following cases:

- ❑ when the transmission is in position (D) or in neutral (N) and the car exceeds a speed of about 13 km/h
- ❑ when the transmission is in reverse (R) and the car exceeds a speed of approximately 11 km/h (this will cause the LED on the on/off button to illuminate)
- ❑ when the transmission is in position (N) and the car is at a standstill
- ❑ when the transmission is in parking position (P)

Acoustic warning

When the sensors detect an obstacle within the trajectory of the car, an acoustic warning is activated with a frequency that increases as the distance from the obstacle decreases and then becomes a continuous tone when this distance becomes less than about 30 cm.

The acoustic warning is interrupted in the following situations:

- ❑ if the car is at a standstill with the transmission in a position other than reverse (R)
- ❑ when the obstacle is not within the trajectory of the car

If the sensors detect several obstacles at the same time, both in the front, rear and side area, the acoustic warning of the obstacle in the nearest trajectory is reproduced.

When the system emits an acoustic signal, the volume of the Alfa Connect with Navigator / Alfa Connect system, if activated, is automatically lowered.

The acoustic indications are only activated when the obstacle is on the trajectory of the car and so there is a real risk of collision. The visual indications ("Indications on display", see below) instead are also provided to the driver, even when the obstacle is outside on the car trajectory.

In case of failure of the car audio system, the acoustic warnings will be provided by the buzzer of the instrument panel and will not be directional (the acoustic warning will not be from the side where the obstacle has been detected).

Warning on display

The warnings regarding the system are shown on the Alfa Connect with

Navigator / Alfa Connect system display only if the "Acoustic warning and display" item in the "Settings" menu of the system is selected (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section).

The colour depends on the distance and position of the obstacle inside or outside the trajectory, except in the continuous tone area where the obstacle is always marked with a red arc.

Fault indication

Any faults of the parking sensors are signalled by the relative message displayed on the instrument panel display (see the "Warning lights and messages" chapter in the "Getting to know the instrument panel" section) and by the respective icon displayed on the Alfa Connect with Navigator / Alfa Connect system display.

Messages on the display

In case of system failure, a dedicated message is shown on the display for about 5 seconds. If the display shows messages requiring the front, side or rear sensor cleaning, make sure that the outer surface and the underside of the bumper is free of dirt (e.g. snow, mud, ice, etc.).

General warnings

When parking, take the utmost care over obstacles that may be above or under the sensor. Objects close to the car are not

detected under certain circumstances and could therefore cause damage to the car or be damaged.

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
- ❑ the performance of the system can be influenced by the position of the sensors, e.g. by changing the set-up of the car (due to wear of shock absorbers or suspensions), replacing the tyres with others of different sizes, travelling with a laden car, installing specific set-ups to lower the car
- ❑ the presence of adhesives on the sensors. Therefore, take care not to place stickers on the sensors
- ❑ the presence of a tow hook without trailer, which may interfere with the correct operation of the parking

sensors. Before using the Park Sensors system, it is recommended to remove the removable tow hook assembly and the relevant attachment from the car when the latter is not used for towing operations. Failure to comply with this prescription may cause personal injuries or damage to cars or obstacles since, when the continuous acoustic warning is emitted, the tow hook ball is already in a position that is much closer to the obstacle than the rear bumper. If you wish to leave the tow hook fitted without towing a trailer, it is advisable to contact an Alfa Romeo Dealership for the Park Sensors system update operations because the tow hook could be detected as an obstacle by the central sensors



Changing the system settings

System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driving Assist" > "Front Park Sensors Volume" and "Rear Park Sensors Volume").



IMPORTANT

178) Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. When performing these operations, always



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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.



WARNING

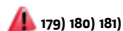
71) The sensors must be clean of mud, dirt, snow or ice in order for the system to operate correctly. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. 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.

72) Have interventions on the bumper in the area of the sensors carried out only by an Alfa Romeo Dealership. Interventions on the bumper that are not carried out properly may compromise the operation of the parking sensors.

73) Only have the bumper repainted or any retouches to the paintwork in the area of the sensors carried out by an Alfa Romeo Dealership. Incorrect paint application could affect the operation of the parking sensors.

ACTIVE PARKASSIST SYSTEM

(where provided)



179) 180) 181)



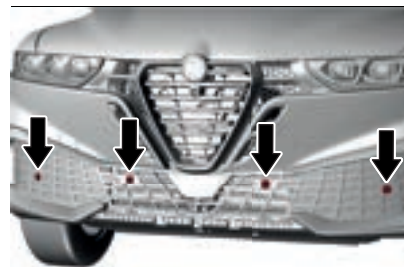
74) 73)

The system helps the driver to find a suitable free parallel parking spot according to the dimensions of the car and automatically manages the steering wheel movement during manoeuvring.

The system also helps the driver manoeuvre out from a parallel parking space.

Sensors

The system uses the front, rear and side sensors located in the front fig. 214, fig. 215 and rear fig. 216, fig. 217 bumper.



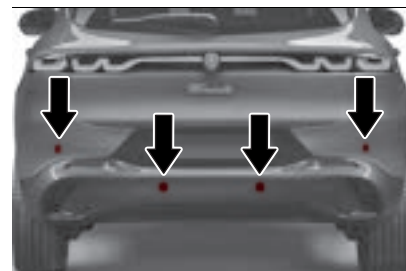
214

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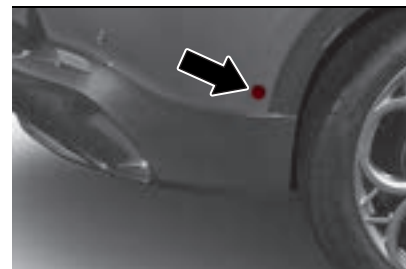
215

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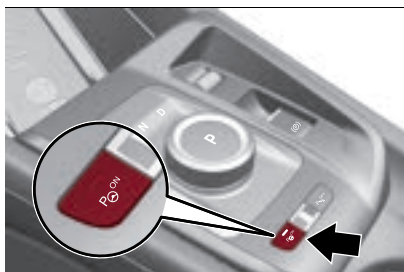
ENGAGEMENT / DISENGAGEMENT

To activate the system, press the button fig. 218 or fig. 219: the Alfa Connect with Navigator / Alfa Connect system display will show the instructions about the manoeuvre.



218

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System on: LED lighted continuously.

System off: LED off.

The LED lights up also in the case of a failure to the Active ParkAssist system. If the button is pressed with the system

faulty, the LED flashes for about 5 seconds, then it stays off.

WARNING The use of wheels of a different size to those at the time of vehicle purchase could affect the system and prevent correct operation.

SYSTEM OPERATION

When searching for a parking place, the system uses the side sensors, which are automatically activated with engine on and speed below 30 km/h.

During the manoeuvring phase, the driver is also supported by information from the parking sensors, which warn of any obstacles around the car.

If the Active ParkAssist function is activated after the ParkAssist system has previously been deactivated, the sensors will be temporarily reactivated for the duration of the parking manoeuvre.

PARALLEL AND PERPENDICULAR PARKING DESCRIPTION

Activation

To activate the Active ParkAssist system, press the button located on the central tunnel fig. 218 or fig. 219: the system will be activated in the search phase and the ultrasonic sensors will start scanning the space around the car for the most suitable parallel and perpendicular parking spaces.

If the system has detected a suitable parking space before it has been activated, the search phase will not be carried out and the Alfa Connect with Navigator / Alfa Connect system display will directly give instructions to start the insertion manoeuvre.

Selecting the type of parking

During the search phase and, in general, before reverse gear is engaged to begin the parking manoeuvre, it is possible to change the type of parking desired by acting on the Alfa Connect with Navigator / Alfa Connect system:

- "Parallel": the car will search a parking place parallel to the travel direction
- "Perpendicular": the car will search a parking place perpendicular to the travel direction

Selection of the search side

To choose the search side on which the manoeuvre is to be carried out, use the direction indicator.

If no direction indicator is set, the system will consider the passenger's side as the default search side.

Search for a parking place

Through the side sensors, the system continuously searches for a free parking place, suitable for the car's dimensions. While searching the vehicle should continue following its lane at a speed of below 30 km/h and at a distance



of around 50 cm to 2 m from parked vehicles.

A parking space is considered suitable if it is approximately 80 cm longer compared to the dimensions of the car.

WARNING While searching, vehicle speed should not exceed 30 km/h; when 25 km/h have been reached, the driver is asked to decrease the speed; if the speed of 30 km/h is exceeded, it is deactivated (in this case, press the button on the instrument panel fig. 218 or fig. 219 again).

Manoeuvre

The movements of the car can be controlled while manoeuvring using the accelerator and brake pedals. Once a parking place has been found, you will be asked to engage reverse, leave the steering wheel and use the pedals, while the system handles the steering automatically to perform the parking operation in the dedicated area.

While manoeuvring, the acoustic and visual indications provided by the parking sensors can be used, but it is always recommended to maintain visual control of the surrounding area.

The car can be stopped during the manoeuvre and, whilst remaining stationary, temporarily stopping the movement (for example, to allow a

pedestrian to go by in the area of the manoeuvre).

The parking manoeuvre will be interrupted in the following cases:

- ❑ the speed of the car is above 7 km/h
- ❑ the steering is (voluntarily or unintentionally) moved (by grabbing it or preventing it from moving)
- ❑ uneven road surface or obstacles before the wheels, affect movements of the car, thus preventing it from following the correct path
- ❑ following the opening of the driver's side door or the tailgate
- ❑ in the event of failure or temporary unavailability of the parking sensors
- ❑ if the visual indications and operating instructions on the Alfa Connect with Navigator / Alfa Connect system are not available

WARNING Manoeuvring is deactivated if, after about 3 minutes, parking has not been completed.

End of manoeuvre

The semi-automatic manoeuvre ends when the Alfa Connect with Navigator / Alfa Connect system display shows the message of completed manoeuvre.

At the end of the manoeuvre, the driver resumes control of the car and, if necessary, has to complete parking manually.

DESCRIPTION OF MANOEUVRING OUT FROM PARALLEL PARKING

Activation

For the "Exit from parallel parking" function to be correctly activated, the car must be stationary in the parking space and the exit side must be chosen before starting the manoeuvre.

Selection of the exiting side

To choose the side from which to execute the exit manoeuvre, use the direction indicator.

The system will communicate the side on which the manoeuvre will be carried out and will provide the relative indications using the Alfa Connect with Navigator / Alfa Connect system display.

Manoeuvre

After selecting the exit side, you will be prompted to engage reverse gear and release the steering wheel to start the manoeuvring phase.

The system will automatically manage the steering to conduct the manoeuvre out of the parking space while the driver will always have control of the movements of the car through the use of the accelerator and brake pedals.

After engaging reverse, the steps of the manoeuvre will be those described in the "Parallel and perpendicular parking description" paragraph.

The parking sensors must detect a front obstacle (positioned at a maximum distance of approximately 150 cm from the front bumper) and a rear obstacle (positioned at a maximum distance of approximately 150 cm from the rear bumper) and the selected exit side free for the system to be able to manoeuvre. It is not possible for the system to perform the manoeuvre if the overall parking space (front + rear), excluding the length of the car, is less than approximately 1 m. In this condition the manoeuvre cannot be carried out and will be communicated by a dedicated message on the Alfa Connect with Navigator / Alfa Connect system display.

GENERAL WARNINGS

- ❑ if the sensors undergo impact which alters their position, the system operation could deteriorate considerably
- ❑ the system reaches top performance after the car has covered about 50 km (system "self-calibration")
- ❑ if the sensors are dirty, covered by snow, ice or mud or are repainted vs. the original conditions, the system operation could result strongly degraded. It is extremely important that the sensors are always clean in order for the system to operate correctly. During cleaning make sure not to scratch or damage them; avoid using dry or rough cloths. The sensors should be washed using clean

water with the addition of car 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

- ❑ ultrasonic sound sources (e.g. pneumatic brakes of trucks or air drills) nearby could negatively influence the sensor performance
- ❑ the sensors may detect a non-existent obstacle (echo interference) due to mechanical noises, for example while washing the car, in the case of rain, strong wind, hail
- ❑ the sensors may not detect objects of a particular shape or made from particular materials (very thin poles, trailer beams, panels, nets, bushes, parking deterrent posts, kerbs, rubbish bins, motor cars, etc.). always take great care to check that the vehicle and its path are actually compatible with the parking place identified by the system
- ❑ the use of (one or more) tyres or wheels of a different size to those at the time of vehicle purchase could affect the operation of the system
- ❑ if a trailer (with correctly engaged socket) is present, the system will be automatically disabled
- ❑ in "Search in progress" mode, the system could incorrectly identify a parking place to carry out the manoeuvre

(e.g. by a junction, driveways, roads crossing the travel direction, etc.)

- ❑ in the case of parking manoeuvres on roads on a gradient, the performance of the system could be inferior and it may deactivate
- ❑ if a parking manoeuvre is being carried out between two parked cars alongside the pavement, the system may cause the car to mount the pavement
- ❑ some manoeuvres at very tight bends might be impossible to be carried out
- ❑ take great care to ensure that conditions do not change during the parking manoeuvre (e.g. if there are persons and/or animals in the parking place, moving cars, etc.) and intervene immediately if necessary
- ❑ when parking, pay attention to the cars coming in the opposite direction. Always respect the Highway Code rules

WARNING Correct system operation is not guaranteed if snow chains or the space-saver wheel are fitted.

WARNING The function only informs the driver about the last appropriate parking place (parallel or perpendicular) detected by the parking sensors.

WARNING Some messages displayed are accompanied by acoustic warnings.



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**IMPORTANT**

179) *Parking and other 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 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.*

180) *The search for the parking space and the parking manoeuvres must be performed in compliance with the current regulations of the Highway Code.*

181) *If you wish to stop the steering wheel with your hands during a manoeuvre, it is advisable to handle it firmly on the outer rim. Do not try and keep your hands on the inside or hold the spokes.*

**WARNING**

74) *The operation of the system is based on various components: front and rear parking sensors, side sensors, steering system, wheels, braking system and instrument panel. The malfunction of one of these components could compromise the operation of the system.*

75) *Only have the bumper repainted or any retouches to the paintwork in the area of the sensors carried out by an Alfa Romeo Dealership. Incorrect paint application could affect the operation of the parking sensors.*

360° SURROUND SYSTEM

(where provided)

The system uses four cameras to monitor the area around the car, located on the front grille, under the side mirrors and on the tailgate.

AUTOMATIC ACTIVATION

The 360° Surround system is automatically activated and displayed on the Alfa Connect with Navigator / Alfa Connect system display in the following cases:

- ☐ switching the transmission to R (reverse); the system will activate the rear view and top view screen, showing the area around the car
 - ☐ with the transmission in position D (Drive) or N (Neutral) and obstacles in the trajectory of the car, the system will activate either the front and top view screen or the rear and top view screen depending on which gear is engaged
- Visual warnings of obstacles detected by the ParkAssist system will always be provided in addition to the overhead view.

MANUAL ACTIVATION

With the transmission in position D, N or P (park) and in the absence of obstacles in the path of the car, it is possible to activate the 360° Surround system by accessing the "Controls" or "App" menu

in the Alfa Connect with Navigator / Alfa Connect system.

It is possible to enable the display of guide lines superimposed on the top view and rear view using the dynamic lines on/off menu within the "Settings" menu on the "Vehicle" page of the Alfa Connect with Navigator / Alfa Connect system.

The dynamic lines have the following colours depending on the distance to surrounding objects:

- ☐ Red: 0 - 30 cm
- ☐ Yellow: 30 cm - 1 m
- ☐ Green: 1 m - 3 m

Once the "Surround Camera" screen is displayed, it is possible to choose one of the four possible views, selecting the desired one through the respective button on the Alfa Connect with Navigator / Alfa Connect system display:

- ☐ rear view and top view
- ☐ wide-view rear view and top view
- ☐ wide-view front view and top view
- ☐ front view and top view.

In the top view, the car is shown in its actual condition during the manoeuvre; any open doors or boot will be visible on the image.

Opening the front doors and the boot obscures the respective portion of the view from above.

SWITCH-OFF DELAY ACTIVATION

(where provided)

By accessing the "Settings" menu in the "Vehicle" page of the Alfa Connect with Navigator / Alfa Connect system, it is possible to enable or disable the 10-second shutdown delay of the 360° Surround system, using the "Surround View Camera Delay" menu

If the "Surround View Camera Delay" setting is disabled, the 360° Surround system will be immediately deactivated after reverse gear is disengaged.

Otherwise, if the "Surround View Camera Delay" setting is enabled, the image will continue to be displayed for 10 seconds when reverse gear is disengaged, unless:

- ❑ is disabled for the specific market
- ❑ do not exceed 13 km/h
- ❑ put the transmission in P position
- ❑ the "X" button in the top right-hand corner of the screen is not selected.

Regardless of the "Surround View Camera Delay" setting, if obstacles are detected by the ParkAssist and Side Distance Warning systems, the image will remain on the screen to provide visual warnings.

NOTES

- ❑ the front tyres are shown on the display when the wheels are steered

- ❑ the images appear distorted due to the wide-angle lens of the camera
- ❑ opening the tailgate deletes the shot of the rear of the car in the top view

 182) 183) 184) 185)

 76) 77) 78) 79) 80) 81)



IMPORTANT

182) *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), animals or obstacles on the route you want to take. The system is a help for the driver, but the driver must never allow their attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.*

183) *The system is designed to be used during the day or in good light conditions. Do not use or rely on the system in low light conditions.*

184) *The distance and trajectory lines should be used as references and only if the car is on a level road. The distance shown on the Alfa Connect with Navigator / Alfa Connect system display should be regarded as a reference and may differ from the actual distance between the vehicle and any objects displayed.*

185) *Any objects above the cameras are not detected.*



WARNING

76) *To avoid damage to the car, the camera assist system should only be used as a parking assist system because the cameras cannot detect every type of obstacle or object located in the trajectory of the car.*

77) *When using the system, the car must also be driven at low speed to allow it to stop quickly if an obstacle is detected. When reversing, the driver is advised to look behind when using the system.*

78) *The cameras must be clean of mud, dirt, snow or ice in order for the system to operate correctly. Be careful not to scratch or damage the cameras while cleaning it. Avoid using dry, rough or hard cloths. The cameras 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 cameras quickly, keeping the nozzle more than 10 cm away from the sensors.*

79) *Take care that the side mirrors are correctly opened to ensure correct positioning and operation of the cameras.*

80) *If one or more cameras fail, the corresponding view and the top view will be obscured.*

81) *In the event of a system malfunction, it is possible that the buttons on the Alfa Connect with Navigator / Alfa Connect system display for view selection are temporarily inoperative and appear grey as a consequence.*



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SIDE DISTANCE WARNING SYSTEM

(where provided)



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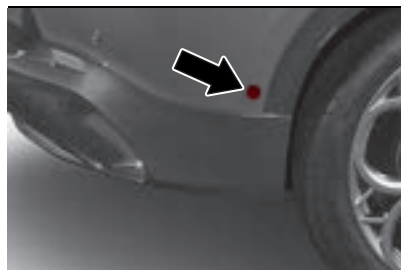
The Side Distance Warning system has the function of detecting the presence of side obstacles near the vehicle using the parking sensors located in the front fig. 220 and rear fig. 221 bumpers.

The system warns the driver with an acoustic warning and with visual indications on the Alfa Connect with Navigator / Alfa Connect system display.



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The acoustic indications are only activated when the obstacle is on the trajectory of the car and so there is a real risk of collision.

The visual indications instead are also provided to the driver, even when the obstacle is not on the trajectory of the car.

ACTIVATION / DEACTIVATION

The system can operate only after driving a short distance and if the vehicle speed is between 0 and 13 km/h (0 and 8 mph).

If the Park Assist system is active, the Side Distance Warning system can be disabled (and subsequently re-enabled) using the "Settings" menu of the Alfa Connect with Navigator / Alfa Connect system. If the Park Assist system is disabled, the Side Distance Warning system will be automatically disabled.

The activation conditions of the Side Distance Warning system, the characteristics of the acoustic signals and the characteristics of the display signals correspond to those of the 12-sensor Park Assist system, as described in the chapter "Park Assist system - versions with 8 or 12 sensors".

OPERATION WITH A TRAILER

The system is automatically deactivated when the trailer is plugged to the tow hook socket of the car. Unplugging the trailer cable will automatically reactivate the system.

GENERAL WARNINGS

Some conditions may influence the performance of the Side Distance Warning 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 car or carrying out specific tuning operations that require the car to be lowered

❑ the presence of stickers on the sensors can adversely affect the correct operation of the system. Therefore, take care not to place stickers on the sensors



WARNING

82) The sensors must be clean of mud, dirt, snow or ice in order for the system to operate correctly. While cleaning the sensors, make sure not to scratch or damage them; avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car 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 (4 inches) away.

83) Only have the bumper repainted or any retouches to the paintwork in the area of the sensors carried out by an Alfa Romeo Dealership. Incorrect paint application could affect the operation of the parking sensors.

TRAFFIC SIGN RECOGNITION

(where provided)

 186) 187) 188)

 84) 85) 86) 87) 88)

The system automatically detects the recognisable road signs by means of a sensor located on the windscreen fig. 222:

- ❑ speed limit indications
- ❑ no overtaking
- ❑ signs indicating the end of the prohibitions listed above



222

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The system always checks the traffic signs indicating the current speed limit and possible no overtaking signs.

WARNING The system is designed to read roads signs complying with the specifications of the Vienna convention and ENCAP 2022 requirements.

USE OF THE TRAFFIC SIGN RECOGNITION SYSTEM

System activation/deactivation

For versions/markets where provided, the system is active ("On") each time the engine is started.

The system can be activated/deactivated by means of the Alfa Connect with Navigator / Alfa Connect system menu.

The Alfa Connect with Navigator / Alfa Connect system is used to select the type of warning when the detected road limit is exceeded ("Off", "Visual", "Visual + Acoustic").

The active warning type each time the engine is started is "Visual + Acoustic"

In case of new speed limit, the warning type can be selected ("Off", "Visual", "Visual + Acoustic").

The type of warning activated, will be automatically saved before the engine is turned off, so the same will be selected each time the engine is started.

Indications on the display

The system status can always be viewed in the central area the instrument panel display fig. 223.

The display will show the following information:

- ❑ the new speed limit recognised by the system (1) is always visible and indicated

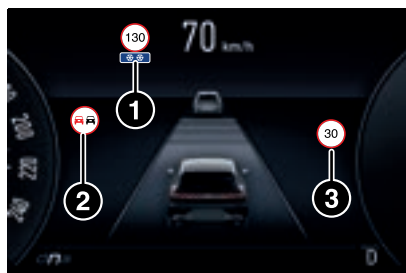


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by means of a predetermined colour. The previously displayed sign is no longer valid after a certain distance has been travelled if the system does not detect other road signs and the limit given by the navigation system/connected services (where provided) is indicated on the display

- ❑ no overtaking road sign (2)
- ❑ road signs specifying the condition for which a limit or prohibition applies (3)

NOTE The road sign indicating the end of the speed limit or "road sign not detected" may appear in zone (1) Ⓢ.



The TSR system cannot provide an applicable speed limit in the following cases:

- ❑ if an end-of-limit sign is recognised and if the navigator/connected services (where provided) are unable to provide a valid limit on that stretch of road. The symbol appears on the display Ⓢ

❑ in case of system fault or unavailability, the symbol appears on the display Ⓢ

NOTE In some cases, the system may show this symbol Ⓢ when recalculating the route by the navigation system (where provided).

The system can identify an additional road sign, e.g. a lower speed limit applied in case of rain. This will be shown in the area of the instrument panel display only when the following conditions occur:

- ❑ the additional fog signal will appear if the front or rear fog lights are on
- ❑ the additional snow signal will appear if the external temperature is equal to or lower than 3°C and the windscreen wipers are working
- ❑ the additional rain signal will appear if the windscreen wipers are working

The no overtaking road sign C may also be shown on the display.

Furthermore, the various road signals detected by the system can be shown in the Driver Assist of the instrument panel display in addition to the dedicated area of the instrument panel display (see the "Display" paragraph in the "Knowing the instrument panel" chapter).

With Alfa Connect without navigation system/connected services.

The TSR system, making use of the camera only, reminds the driver of the last road limit recognized by it.

NOTE Without a navigator/connected services the system cannot provide:

- ❑ the implicit limits (e.g. the general speed limit on motorways). In these cases the system can display the last road sign encountered (e.g. the speed limit of the entrance ramp)
- ❑ in general, the limit in force for a road where a speed limit sign was not previously encountered and correctly recognised

After travelling a certain distance, the road limit symbol turns grey to indicate that it is no longer considered reliable by the system. Upon recognition of a new sign, the TSR symbol will become coloured again.

WARNING In the absence of a navigator/connected services, the system cannot recognise the unit of measurement of the country you are travelling in, but only the numerical value of the road sign encountered along the road. The speed limit suggested and offered to Intelligent Speed Assist (ISA) and Intelligent Adaptive Cruise Control (IACC) systems (where active) is therefore intended according to the unit of measurement set by the

user on the instrument panel display. Therefore, for the ISA and the IACC to be of practical help in complying with the limits in force, the driver must set the unit of measurement consistent with the country in which they are travelling.

With Alfa Connect with navigation system/connected services.

When the navigator/connected services is present, the TSR system integrates the detections made by the camera with the information provided by the navigation system/connected services.

Therefore, it can provide the implicit limits (e.g. the general speed limit on motorways) and to supplement with maps the limitations of recognition of road signs on the camera alone.

The navigator/connected services tells the system of the unit of measurement in force in the country in which you are travelling and converts the value consistently with the unit of measurement selected by the user. In this way, the speed limitation suggested by the ISA system or the speed offered by the IACC system will always be correct, regardless of the unit of measurement chosen by the user.

The system can display the shape of the signs consistently with the current shape of the country in which you are travelling.

Using the information contained in the navigator/connected services, the system can recognise motorway, urban and non-urban scenarios and to use the limits provided by the navigator/connected services to provide the most plausibly accurate speed limit. In addition, the system can recognise turns and provide, where necessary, the limit detected by the navigator/connected services in place of that recognised by the camera.

New limit notice setting

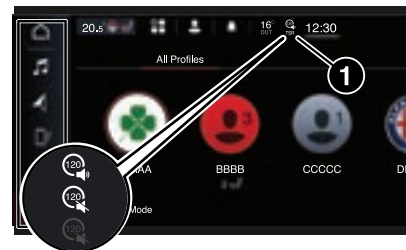
The system alerts the driver when the speed limit changes on the road ahead by means of a display on the instrument cluster.

Acting on the Alfa Connect with Navigator / Alfa Connect system, the following settings can be chosen: "Off", "Visual" and "Visual + Acoustic".

WARNING The selected setting remains active each time the engine is started.

Traffic Sign Recognition deactivation

Traffic Sign Recognition system warnings can be turned off by acting on the Alfa Connect with Navigator / Alfa Connect system status bar 224.



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IMPORTANT

186) The system only detects preset traffic signs if the minimum visibility conditions and distance from the sign are met.

187) The system is an aid for driving and does not relieve the driver of responsibility for driving the car. Always respect the highway code of the country you are driving in.

188) When the system is active, the driver is responsible for controlling the car and monitoring the system, and must be ready to intervene as appropriate if necessary.



WARNING

84) Functionality may be limited or the system may not work if the sensor is obstructed.

85) The system may have limited operation or not work at all in weather conditions, such as heavy rain, hail, thick fog and low temperatures. Strong light contrasts can



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influence the recognition capability of the sensor.

86) The area surrounding the sensor must not be covered with stickers or any other object.

87) Do not tamper or perform any operations in the area of the windscreen glass directly surrounding the sensor.

88) Clean the windscreen glass from foreign matters such as bird droppings, insects, snow or ice. Use specific detergents and clean cloths to avoid scratching the windscreen.

INTELLIGENT SPEED ASSIST

(where provided)

The system can be used to set a speed limit equal to that indicated on the road sign detected by the "Traffic Sign Recognition" system (see the respective chapter in this section for more information), indicated to the driver by means of an indication on the instrument panel.

The maximum speed can be set both with car stationary and in motion.

The minimum speed that can be set is 30 km/h.

SPEED LIMIT PROGRAMMING

The system can be activated if the driver has activated the systems beforehand:

- Speed Limiter

□ Traffic Sign Recognition

A message indicating that a speed limit switch to that detected by the Traffic Sign Recognition system can be programmed on the instrument panel display with these systems active.

If the speed is higher than the current speed level stored by the Speed Limiter, message **↑** will appear on the instrument panel.

If the speed shown by the Traffic Sign Recognition is lower than the current speed level stored by the Speed Limiter, message **↓** will appear on the instrument panel.

SYSTEM ACTIVATION

If the driver has selected the confirmation capture option on the Alfa Connect with Navigator / Alfa Connect system settings (see "Settings" > "Safety & Driving Assist" > "Intelligent Speed Assist"), upon recognition of a new speed limit, the "Traffic Sign Recognition" system will suggest the new limit via a message on the instrument cluster display.

The driver can accept the new limit by turning the ring (1) fig. 225 towards SET+ within the first 5 seconds of the new road sign appearing to set the new system speed limit to the speed suggested by the sign.

If the driver has selected the automatic capture option on the Alfa Connect with Navigator / Alfa Connect system settings, on recognition of a new road sign, the Traffic Sign Recognition system will automatically set the speed of the newly detected limit on the Adaptive Cruise Control. The driver can reject the new limit by turning the ring (1) fig. 225 towards SET+ within the first 5 seconds of the new road sign appearing and the speed being adjusted. Activation is indicated by the symbol **30** on the display (e.g. in the case of a 30 km/h speed limit) and the green circle around the road sign indicating the speed limit.



225

9650118

SYSTEM DEACTIVATION

The system is deactivated under the following conditions:

- when the Traffic Sign Recognition system is deactivated

- ❑ when the Speed Limiter system is deactivated
- ❑ when the Traffic Sign Recognition system shows a new speed limit
- ❑ when the Traffic Sign Recognition system shows the end of the speed limit
- ❑ when the Traffic Sign Recognition system cannot display any speed limit

EXCEEDING THE PROGRAMMED SPEED

By fully depressing the accelerator pedal, the programmed speed can be exceeded even with the system active (e.g. in the event of overtaking).

The system is disabled until the speed drops below the set limit, after which it activates again automatically.

SETTINGS

System settings can be changed via the Alfa Connect with Navigator / Alfa Connect system (see "Settings" > "Safety & Driving Assist" > "Intelligent Speed Assist").

REAR CAMERA (PARKVIEW® REAR BACKUP CAMERA)

(where provided)



The camera is located on the boot tailgate fig. 226.



226

9650198

CAMERA ACTIVATION/DEACTIVATION

Whenever reverse gear is engaged, the Alfa Connect with Navigator / Alfa Connect system display, fig. 227, will show the area around the car, as seen by the Rear View Camera.



227

9650197

The images are shown on the display together with a warning message. With the "Camera Delay" option active, when engaging the reverse gear, the image from the camera will continue to be displayed for up to 10 seconds after reverse is disengaged, unless car speed is higher than 13 km/h, or:

- ❑ the transmission is in the "P" position
- ❑ the ignition device is in the STOP position

When the transmission is no longer in the "R" position, a button for deactivating the display of the image from the camera appears on the Alfa Connect with Navigator / Alfa Connect system display along with the images behind the vehicle, if the "Camera delay" setting is active on the Alfa Connect with Navigator / Alfa Connect system.

NOTE The displayed image may look a bit distorted.



ABC



IMPORTANT

189) *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.*



WARNING

89) *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.*

CHARGING

(Plug-In Hybrid Q4 version)



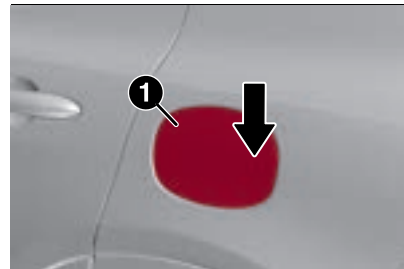
Before charging the high-voltage battery, it is recommended to turn the ignition device to STOP in order to obtain a charge until full in the shortest period possible.

WARNING The brake calliper lock is activated during the charging procedure: unlocking will be carried out automatically at the end of the charging procedure.

CHARGING PORT ON THE CAR

To access the charging port, open the charging flap (1) fig. 228 on the left side by pressing the area indicated by the arrow.

WARNING The courtesy lights on the charging port flap remain on for a few seconds and turn off while charging.



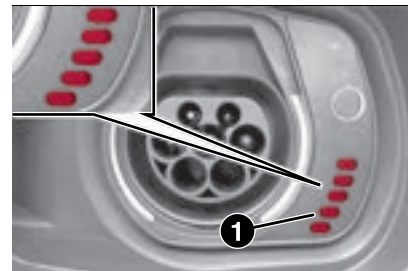
228

9650199

Charging port LED

Next to the charging port there are some LEDs (1) fig. 229 that indicate the charging status by means of four different colours and related flashing types:

- **Blue:** to indicate that the system is waiting for a scheduled charging.
- **Green flashing:** during the charging process.
- **Steady green:** to indicate that the charging process is complete.
- **Red blinking:** to indicate a fault in the charging system or when there is a fault in the charging procedure (e.g. when the charging connector is connected to the charging port located on the car and the cable has not been previously connected to the power socket).

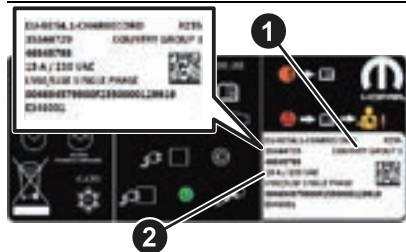


229

9650201

WARNING Use only the charging cable supplied with your car: refer to the label on the control unit, which indicates the "Country Group" (1) fig. 230 and the

electrical current intensity (Ampere) (2) and the table "Mode 2" Cable Variants in the "Power sources that can be used" chapter) or a replacement cable recommended by manufacturer.



230

9650202

Symbol labels

On the inside of the charging port flap there are labels with the following warnings and indications that must be checked and observed when charging the high-voltage battery.

On the label, fig. 231, there are the following symbols:



indicates a risk of electric shock.



indicates a general dangerous situation.



indicates to refer to the descriptions and figures in the Owner Handbook.



indicates that a charging timer has been set.



indicates that the charging procedure is in progress.



indicates that the charging procedure is complete.



indicates that there is a fault in the charging procedure.



indicates to not use extension cords and/or adapters to carry out the charging procedure.



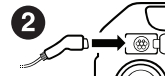
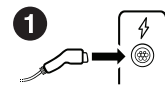
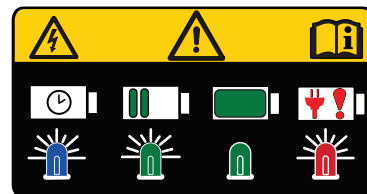
indicates that water should not come into contact with the charging port on the car.



means connect the charging station side



means connect the charging port side on the car



231

9650340

Power sources for electric charging. Identification of vehicle compatibility. Graphic symbol for consumer information in accordance with EN17186:2019.

The symbols shown below make it easier to recognise the correct power

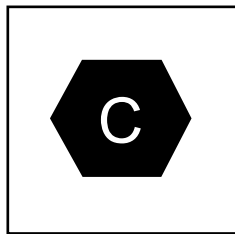


ABC

source type to use when charging your car.

Before charging, check the symbol (where provided) inside the charging port flap and compare it with the symbol on the charging cable (where provided).

Symbols for electrically powered car:
Symbol on the cable charging connector (car side) for Mode 2 and Mode 3 cables and on the charging port flap



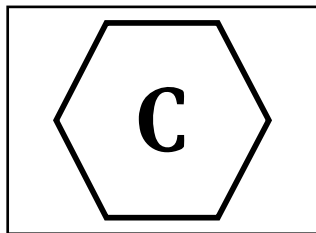
232

FIA0717

AC (alternating current) charging in the home or at a charging station (≤ 480 V RMS).

Symbol on the cable charging connector (charging station side) for the Mode 3 cable and on the charging station

Before charging, check the symbol (where provided) on the charging cable and compare it with the symbol on the charging cable (where provided).



233

FIA0725

AC (alternating current) charging at a charging station (≤ 480 V RMS).

**IMPORTANT**

190) The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed via the Alfa Connect with Navigator / Alfa Connect system display (see the "Multimedia" section). The default charge level set is "Level 3". For countries in which the 13A "Mode 2" charge cable can be used, if the domestic power socket IS NOT CERTIFIED, it is recommended to set "Level 4" charge to the maximum, which corresponds to approx. 10A. For the list of country-specific cable types refer to what is indicated in the "Mode 2 cable variant table".

191) In order to reduce the risk of electric shock or damage to the device, special care should be taken when cleaning: ALWAYS unplug the device from the domestic power supply socket and car ports.

**WARNING**

90) Avoid leaving the high-voltage battery for several days with the charge indicator at or near zero. The high-voltage battery may be damaged.

POWER SOURCES THAT CAN BE USED

(Plug-In Hybrid Q4 version)



192) 193) 194) 195) 196) 197) 198) 199) 200) 201) 202) 203) 204) 205) 206) 207) 208) 209) 210) 211) 212) 213) 214) 215) 216) 217) 218)

GENERAL INFORMATION

The vehicle's high-voltage battery can be charged not only through the heat engine operation, but also using special charging cables that allow:

- the connection of the charging port located on the rear left side of the vehicle to the charging ports in public charging stations;
- or
- to the domestic socket.

Regular and complete charging of the high-voltage battery reduces fuel consumption by using electrical energy thanks to the operation of the electric motor.

The charging procedure control and monitoring takes place in a fully automatic way.

NOTE The car is not able to automatically recognise the maximum allowable current intensity depending on the type of domestic socket/public charging stations used and the regulations in force in the country in which you are located (e.g. overloads). Reduce the maximum charging current required by using the "Charging settings" item on the Alfa Connect with Navigator / Alfa Connect system display (for more information, refer to the "Multimedia" section). Before charging in your own home, or elsewhere, check the allowable current intensity by contacting a specialized technician: it is advisable to contact an Alfa Romeo Dealership.

TYPES OF CHARGING CABLES

Two different types of cables can be used for charging:

❑ **Mode 2** charge cable (A) fig. 234 (for versions/markets where provided): allows charging from an earthed domestic power socket. This type of socket is used for charging with alternating current. The "**Mode 2**" charging cable complies with IEC 61851, IEC 62752 and SAE J1772 standards

❑ **Mode 3** charge cable (B) fig. 235 (for versions/markets where provided): allows charging from a public charging

station and a wallbox charging station marked as AC stations (alternating current). The charging speed can be faster than when charging via a domestic power socket

A



234

9650129

B



235

9650130

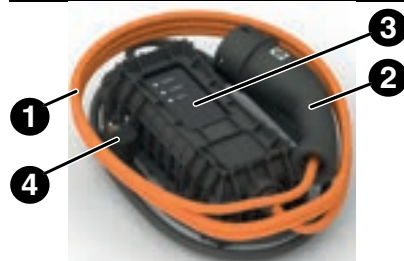
"MODE 2" CHARGE CABLE

The car is equipped with a "**Mode 2**" 230 Volt AC (1)fig. 236 fig. 237 charging cable (for versions/markets where provided) located inside a special bag, fig. 238, placed in the boot.

The cable consists of:

- ❑ specific charging connector (2) for connection to the car
- ❑ a charge status control unit (3) equipped with LEDs, able to provide indications on any anomalies present during the charging
- ❑ a connection plug (4) to connect to the domestic power socket

NOTE After use, remember to correctly replace the protective cover (where provided) on the specific charging connector (2) to prevent moisture and/or dust from getting inside.

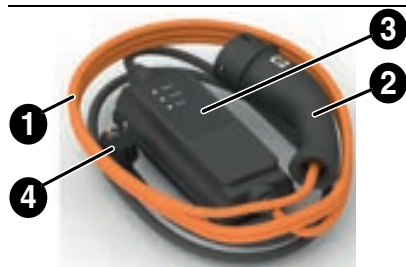


236

9651029



ABC



237

9651030

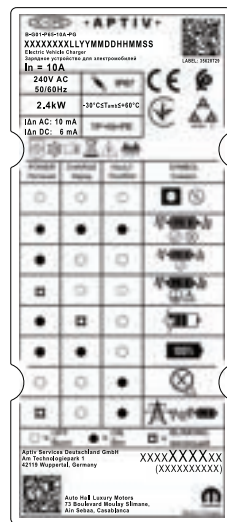


238

9650417

Symbol label

This label is on the back of the **"Mode 2"** charging cable control unit



239

9651031



IMPORTANT

192) Always stop the electric motor by moving the ignition device to the STOP position before charging the high-voltage battery. Even with the engine switched off, the cooling fan inside the engine compartment can start automatically during charging. Do not approach the cooling fan while charging.

193) The safety and suitability of the domestic system for charging through the domestic mains are primary and are under the Customer's responsibility.

194) Do not connect the charging cable connector if there is dust and/or water on the charging port. Making the connection in the presence of water or dust on the connector cable and the plug may cause a fire or electric shock. Use of worn-out electrical sockets may result in fire and injury.

195) If you use electrical medical devices (e.g., cardiac pacemakers), make sure in advance that charging the high-voltage battery does not affect the operation of these devices. In some cases, electromagnetic waves generated by the charger may affect the operation of such medical devices.

196) Stop the charge immediately if you notice any abnormal symptoms (e.g. smell, smoke, etc.).

197) Replace the charging cable if the cable jacket is damaged to prevent risk of electrocution.

198) When connecting or removing the charging cable, be sure to grasp the handle of the charging connector and the charging plug. If you pull the cable directly (without using the handle) the internal conductors may disconnect or damage: this may cause a shock or fire.

199) The charging cable is a high-voltage conductor. Contact with high-voltage can cause serious personal injury or death. Similarly, do not touch the orange high-voltage cables.

200) It is strictly forbidden to use any plug adapter or similar devices when charging. Never use the charging cable together with an extension cable.

201) Never connect the charging cable to an extension cable or multiple socket. Multiple sockets, extension cables, overvoltage protection or similar units cannot be used together with the charging cable as they may present a risk of fire, electrocution, etc.

202) The charging cable supplied as standard is watertight and is guaranteed by the manufacturer: do not use other cables not supplied by manufacturer.

203) Be sure not to touch the charging connector and charging plug with wet hands.

204) Do not charge when the connector and charging plug are wet.

205) Do not charge in adverse weather conditions (e.g. during thunderstorms) at charging stations.

206) Always keep charging connector and charging plug clean and dry. Take care to keep the charging cable away from water or moisture. Do not use chemicals or solvents.

207) Be sure to use the designated charging cable to charge the car. Using any other charger may cause personal injury or damage to the car.

208) How to use the charging cables. Treat the charging cable with care: avoid folding and/or bending it on sharp surfaces. After using the charging cable, replace the protective covers (if present) on both sides of the cable correctly. Avoid prolonged exposure of the charging cable to sunlight. Avoid dropping the charging cable from above: violent shocks could damage the cable. Do not immerse the charging cables in liquids.

209) Take care not to drop the charging connector. The charging connector could be damaged.

210) Do not leave children unattended in the vicinity of the charging cable when it is connected.

211) Position the charging cable in such a way that it is not crushed by other cars, trampled on by people, or positioned in way that people in the vicinity of the car may stumble, resulting in damage or personal injury.

212) Disconnect the charging cable from the domestic socket or charging station or wallbox charging station before cleaning it.

213) Do not use the charging cable if it has damaged parts.

214) Never disconnect the charging cable from the domestic power socket or public charging station during charging. Always interrupt charging, then disconnect the cable, first from the car-side charging port and then from the domestic socket or public charging station.

215) Never use a visibly worn or damaged electrical socket. It could cause fire or serious damage.

216) The high-voltage battery should only be charged with the maximum allowable current or other lower current specified in local and national recommendations for charging high-voltage batteries.

217) The device is to be used exclusively for charging the car.

218) Never attempt to make a repair and/or perform maintenance on the charge cables, this may result in serious personal injury or even death. Always contact an Alfa Romeo Dealership.



ABC

"Mode 2" cable variants table

The following table shows the list of the specific cable types and the ampere rating for each country where the car is sold. This ampere rating is the limit allowed when the charging power is set to the highest level.

| Country group (*) | Electric car charging connector type | Electric current intensity (Ampere) | Type of domestic power socket (**) | Cable length (meters) | Notes |
|-------------------|--------------------------------------|-------------------------------------|------------------------------------|-----------------------|-------|
| 1 | Type 2 | 10 / 16 | CEE 7/7 | 6 | - |
| 2 | | 10 | G | | - |
| 3 | | 10 | CEE 7/7 | | - |
| 4 | | 6 | J | | - |
| 5 | | 6 | K | | - |
| 6 | | 10 | CEE 7/7 | | - |
| 8 | | 10 | N | | - |
| 9 | | 10 | I | | - |
| 10 | | 8 | B | | - |

(*) The Country Group is indicated by the message "COUNTRY GROUP" on the label located on the rear of the control unit.

(**) Refer to the following pages for the type of power socket/plug.

NOTE To check the maximum electric current (Ampere) that can be consumed, refer to the label located on the back of the control unit (see what is described and illustrated in the "Charge status control unit" chapter).

Country group table for "Mode 2" cable

The following table shows the list of countries contained in each "Country Group" associated with the "Mode 2" cable.
Refer to the images on the following page for more details.

| Country Group | Country |
|---------------|------------------------|
| 1 | Albania |
| | Andorra |
| | Austria |
| | Belgium |
| | Bulgaria |
| | Chile |
| | Vatican City |
| | Croatia |
| | Czech Republic |
| | Estonia |
| | France |
| | Georgia |
| | Germany |
| | Jordan, Egypt, Vietnam |
| | Greece |
| | Guadeloupe |



ABC

| Country Group | Country |
|---------------|---------------|
| 1 | French Guiana |
| | Hungary |
| | Iceland |
| | Latvia |
| | Lithuania |
| | Luxembourg |
| | Macedonia |
| | Morocco |
| | Martinique |
| | Moldavia |
| | Monaco |
| | Montenegro |
| | Norway |
| | Netherlands |
| | Poland |
| | Portugal |
| | Réunion |
| | Romania |

| Country Group | Country |
|---------------|-------------------------|
| 1 | San Marino |
| | Serbia |
| | Slovakia |
| | Slovenia |
| | Spain |
| | Sweden |
| | Italy |
| | Ukraine |
| | Uruguay |
| | Turkey |
| 2 | Cyprus |
| | Gibraltar |
| | Malta |
| | United Kingdom, Ireland |
| | Lebanon, Oman, Qatar |
| 3 | India |
| | Israel, Palestine |
| 4 | Liechtenstein |



ABC

| Country Group | Country |
|---------------|------------------------|
| 4 | Switzerland |
| 5 | Denmark |
| | Faroe Islands |
| 6 | Australia, New Zealand |
| 8 | Brazil |
| 9 | Japan |
| 10 | Finland |

NOTE For more information on the type of socket in use in the various countries, refer to the following website:
https://www.iec.ch/worldplugs/list_bylocation.htm.

CEE 7/7



G



240

J



K



JoB6056E



ABC

CHARGE STATUS CONTROL UNIT

219) 220)

Signal LED

There are three LEDs fig. 241 on the front of the charge status control unit:

❑ **GREEN LED on (1):** indicates the correct operation of the domestic power distribution system. It is therefore possible to proceed with charging the high-voltage battery

❑ **RED LED on (2):** indicates a fault in the charging system

❑ **YELLOW LED on (3):** indicates a possible failure in the domestic power distribution system

WARNING Never carry out any repair work on your own: always contact an Alfa Romeo Dealership.

241

9650419

For the type of failure, refer to the description under "Charging system failure" on the following pages.

Symbol label

On the back of the charge status control unit there is a summary label, fig. 242, which shows some symbols.

The main ones are listed below:



This symbol indicates a risk of electric shock.



this symbol indicates a general dangerous situation.



This symbol shows the minimum operating temperature of the charge status control unit in accordance with IEC 61851 and IEC 62752 certification.

NOTE The Manufacturer guarantees that the device has been tested for use from -40°C to +50°C. If the device is not used and must be stored, the temperature must be between -40°C and +80°C. Exceeding these temperature values may damage the device.



The presence of this symbol on the label indicates that the specific "Mode 2" charge cable cannot be used for domestic power distribution networks where the earthing cable is not present. For specific markets, without the earthing cable, check for "COUNTRY GROUP" on the label of the charging cable.



the presence of this symbol on the label indicates that the charge status control unit does not have the function of disconnecting the earthing cable.



the symbol indicates that the charging unit should not be placed in the waste if it no longer works: for disposal refer to the environmental regulations in force in the country in which it circulates.



the symbol prompts you to read the instructions in this publication carefully before using the charging cable.



IMPORTANT

219) The device is to be used exclusively for charging the car.

220) Never attempt to make a repair and/or perform maintenance on the charge cables, this may result in serious personal injury or even death. Always contact an Alfa Romeo Dealership.



CHARGING SYSTEM FAILURE

Any faults during charging are displayed by the LEDs, either steady or flashing, located on the front of the charge status control unit. Refer to the table below.

| | GREEN LED | RED LED | YELLOW LED | Description | Action/Consequence |
|---|-----------|---------------|---------------|--|---|
| 1 | OFF | OFF | OFF | Charging cable not connected to the domestic charging port or power failure in the domestic power distribution system | |
| 2 | ON | OFF | OFF | There are no faults in the domestic power supply mains, so the charging cable can be connected to the charging socket on the vehicle | |
| 3 | ON | ON (Flashing) | ON | Overheating at the charging port in the domestic power distribution system | When the normal temperature is reached, the system will make a new charge attempt at a lower current level. |
| 4 | ON | OFF | ON (Flashing) | Charging to a lower current level due to overheating of the charging port of the domestic electricity distribution mains (see point 3) | |

| | GREEN LED | RED LED | YELLOW LED | Description | Action/Consequence |
|---|-----------|---------------|---------------|--|---|
| 5 | ON | ON | ON (Flashing) | Overheating at the charging port in the domestic power distribution system | <p>Overheating during charging at a lower current level (see point 4)
Proceed as follows:</p> <ul style="list-style-type: none"> ❑ disconnect the charge cable from the car and from the domestic power socket with care (the domestic power plug may be hot); ❑ please wait for the domestic power plug and socket to reach a normal temperature; ❑ reconnect the cable to the domestic power socket and to the car's charge socket, then try to charge again. <p>In case of a new anomaly, contact a certified electrician</p> |
| 6 | ON | ON (2 blinks) | ON (2 blinks) | Lack of earthing cable in the charging port of the domestic mains power supply | <p>The system will make a new charge attempt after 30 seconds (6 attempts in total).</p> <p>New charge attempt (see point 6) failed.</p> |
| 7 | ON | ON | ON (2 blinks) | Lack of earthing cable in the charging port of the domestic mains power supply | <p>Disconnect the charge cable from the car and the domestic power socket and reconnect it, then try to charge again.</p> <p>In case of a new anomaly, contact a certified electrician.</p> |



ABC

| | GREEN LED | RED LED | YELLOW LED | Description | Action/Consequence |
|----|---------------|---------------|------------|---|---|
| 8 | ON (Flashing) | OFF | OFF | Domestic mains power incorrectly supplied | <p>The system will make a new charge attempt after 30 seconds (6 attempts in total).</p> <p>If the fault persists, disconnect the charge cable from the car and the domestic power socket and reconnect it, then try to charge again.</p> <p>In case of a new anomaly, contact a certified electrician.</p> |
| 9 | ON | ON | OFF | Dispersion of electricity on the car | <p>Disconnect the charge cable from the car and the domestic power socket and reconnect it, then try to charge again.</p> <p>In case of a new fault, contact an Alfa Romeo Dealership.</p> |
| 10 | ON | ON (flashing) | OFF | Electric charging current too high | <p>The system will make a new charge attempt after 30 seconds (6 attempts in total).</p> |
| 11 | ON | ON (7 blinks) | OFF | Electric charging current too high | <p>New charge attempt (see point 10) failed.</p> <p>Disconnect the charge cable from the car and the domestic power socket and reconnect it, then try to charge again.</p> <p>In case of a new fault, contact an Alfa Romeo Dealership.</p> |

| | GREEN LED | RED LED | YELLOW LED | Description | Action/Consequence |
|----|-----------|---------------|------------|---------------------------|---|
| 12 | ON | ON (2 blinks) | OFF | Charge anomaly on the car | <p>The system will make a new charge attempt after 30 seconds (6 attempts in total).</p> <p>If the fault persists, disconnect the charging cable from the car and the home power port and reconnect it, then try charging again.</p> <p>In case of a new fault, contact an Alfa Romeo Dealership.</p> |
| 13 | ON | ON (3 blinks) | OFF | Charging cable failure | |
| 14 | ON | ON (4 blinks) | OFF | | |
| 15 | ON | ON (5 blinks) | OFF | | |
| 16 | ON | ON (6 blinks) | OFF | | |

Key

ON = LED on

OFF = LED off

BLINK = 0.5 seconds ON / 0.5 seconds OFF / 3 seconds pause

FLASHING = 0.5 seconds ON / 0.5 seconds OFF



ABC

CHARGING SYSTEM FAILURE

Warning light status:



| POWER | CHARGE | FAULT | Symbol | Description |
|-------------|-------------|-----------|--------|---|
| | | | | Not connected to power or power not available from the infrastructure. |
|
(green) |
(green) |
(red) | | The control unit is performing an automatic test. |
|
(green) | | | | Connected only to infrastructure or infrastructure and electric vehicle (EV), but charging is not in progress. |
| | | | | If the control and protection device integrated in the cable (IC-CPD) is ready for operation and an earth leak is detected, the power LED flashes, the charging LED and the fault LED remain off. |
|
(green) |
(green) | | | Connected to power supply and electric vehicle (EV). The electric vehicle is charging or in a temperature preconditioning sequence. |
|
(green) |
(green) | | | Connected to power supply and electric vehicle (EV). The electric vehicle is waiting for charging or the charging of the electric vehicle is completed. |
| | |
(red) | | Control unit fault. Charging not allowed. If the fault light reappears after a manual reset, the control unit must be checked at the Alfa Romeo Dealership before the next charge. |

| POWER | CHARGE | FAULT | Symbol | Description |
|---|---|--|---|---|
|  |  | 
(red) |  | If the control and protection device integrated into the cable (IC-CPD) detects a fault in the electrical network, the power supply LED flashes, the charging LED remains switched off and the fault LED switches on fixed light. |



ABC

CHARGING SYSTEM/MAINTENANCE/CLEANING

The device is maintenance-free.

If you need to clean the device, use a soft cloth slightly dampened with a mild detergent solution, then wipe dry with a dry cloth. Do not use abrasive products or flammable substances (e.g. alcohol, petrol or their derivatives). **Do not** wash the device with water, hazard of fire or electric shock with the risk of serious injury or death.

WARNING Only clean the device when it is **DISCONNECTED** from both the domestic charging port and the charging port located on the car.

FCC (Federal Communications Commission) SPECIFICATIONS

The state of charge Control Unit complies with Section 15 of the FCC Regulation.

The use of the device meets the following two requirements:

1. This device does not cause harmful interference
2. The correct operation of the device may be affected by interference from nearby electrical/electronic devices

This device is designed to withstand radio frequency interference (RFI), however, some factors (e.g., high intensity radio signals or radio transmitters in the vicinity of the device)

may cause it to malfunction. If you find an anomaly in the operation of the device, contact the Alfa Romeo Dealership.

WARNING Modifications and/or repairs made incorrectly and NOT carried out by the Alfa Romeo Dealership will invalidate the Warranty and the above requirements.

"MODE 3" CHARGE CABLE

(optional)

The car can be equipped with a "Mode 3" charging cable fig. 243, located under the boot floor.

The "Mode 3" charging cable:

- complies with EN 61851-1, EN 62196-1 and EN 62196-2 standards
- can be used for a minimum temperature of -30°C up to a maximum temperature of +50°C

This type of cable allows you to connect to public alternating current (AC) charging stations. The charging speed can be faster than when charging via a domestic power socket.

Using this type of cable it is possible to charge the car with a current of up to 32A.

NOTE After use, remember to replace the protective covers on both sides of the charging cable correctly to prevent moisture and/or dust from entering the cable charging port connections.



243

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Charging system/maintenance/cleaning

The device is maintenance-free.

If you need to clean the device, use a soft cloth slightly dampened with a mild detergent solution, then wipe dry with a dry cloth. Do not use abrasive products or flammable substances (e.g. alcohol, petrol or their derivatives). **Do not** wash the device with water, hazard of fire or electric shock with the risk of serious injury or death.

WARNING Only clean the cable when it is **DISCONNECTED** from both the public charging station and the charging port located on the car.

PROCEDURE FOR CHARGING FROM A DOMESTIC POWER SOCKET (AC)

(Plug-In Hybrid Q4 version)

⚠ 221) 222) 223) 224) 225) 226) 227) 228) 229) 230)

⚠ 91) 92) 93) 94) 95) 96) 97) 98)

CHARGING PROCEDURE

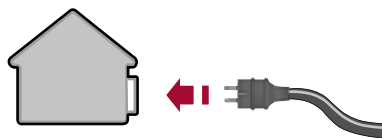
WARNING Always connect the cable to the charging port of the domestic mains first and only then to the car.

The high-voltage battery of the system is charged by connecting the "Mode 2" charging cable, supplied with the car, to an AC charging port.

For the characteristics of the "Mode 2" cable, refer to the "Power sources that can be used - Mode 2 cable" chapter.

To charge, proceed as follows:

- ❑ park the car safely (transmission in position "P" - Park)
- ❑ engage the electric parking brake
- ❑ switch off the engine
- ❑ take the charging kit located in the boot
- ❑ remove any dust that may have built up on the charging connector and on the charging port
- ❑ unroll the charging cable and connect it to an AC charging port, fig. 244

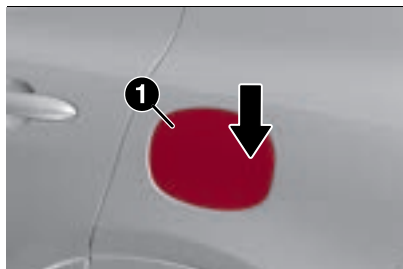


244

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NOTE From the moment the plug is connected to the domestic mains charging port, the 3 LEDs on the control unit of the cable will flash for approx. 6 seconds (control unit switching on phase).

- ❑ open the charging flap (1) fig. 245 located on the left side by pressing on the area indicated by the arrow
- ❑ remove any dust that may have built up on the charging connector and on the charging port



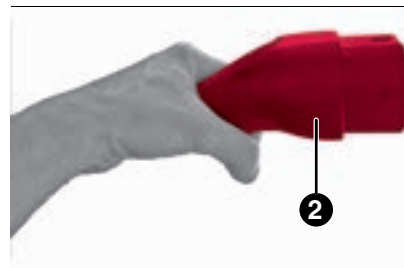
245

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- ❑ grasp the charging connector by the handle (2) fig. 246, remove the protective cover (where provided) and insert it into the charging port (3) fig. 247 until you hear the click indicating that it has been locked

❑ charging starts automatically if no scheduled charging has been set (see the "Charging functions" chapter in the Owner Handbook

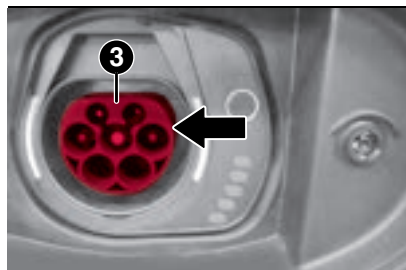
- ❑ check by turning on the LEDs on the cable control unit that there are no faults in the charging system (for more information see "charge status control unit" chapter in the "Power sources that can be used - Mode 2 cable" section). If there are no anomalies, the green LEDs located next to the charging port will light up momentarily. In case of anomalies, refer to the description under "Charging system failure" the chapter "Power sources that can be used - Mode 2 cable".



246

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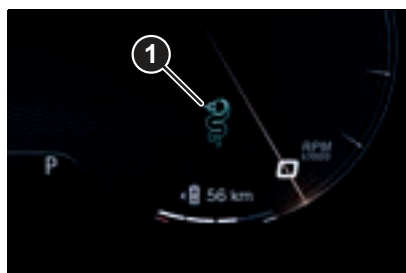




247

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The start of recharging is also notified by the green illumination of the symbol (1) fig. 248 on both the speedometer and tachometer.



248

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NOTE The charging procedure is interrupted if the bonnet is opened. The charge will be reactivated when the bonnet is closed correctly.

The time required to charge the high-voltage battery depends on several factors: for more information see the

description in the "Charging time" paragraph of in the "Multimedia" section. If the passenger compartment preconditioning is activated, the high-voltage battery charging time will be extended. The time required for heating/cooling the car is mainly determined by the outside temperature.

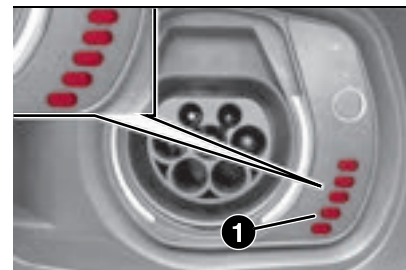
WARNING The maximum power consumption of the charging port depends on the type of contract signed by the user, the type of cable used and the charge level set in the Alfa Connect with Navigator / Alfa Connect system menu.

WARNING Use only the charging cable (where provided) recommended by the Manufacturer.

WARNING The high-voltage battery must be charged in accordance with the maximum ampere rating allowed by local and national recommendations for charging electric/hybrid vehicles.

END OF CHARGING PROCEDURE

The charging procedure ends when all the LEDs (1) fig. 249, next to the charging port, are on green continuously (during charging, the first LED will flash, while the other LEDs will be on continuously).



249

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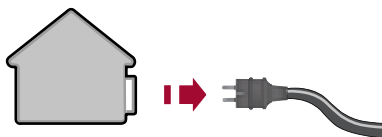
DISCONNECTING THE "MODE 2" CHARGING CABLE

During the charging procedure the cable is automatically locked on the charging port in the car.

To complete the charging, proceed as follows:

- ☐ unlock the doors of the car allowing the charging cable to unlock
- ☐ disconnect the cable from the vehicle charging port by grasping the handle of the charging connector and avoiding to pull the cable directly
- ☐ disconnect the cable from the charging port fig. 250
- ☐ reposition the protective cover of the charging port
- ☐ close the charging flap, making sure it locks properly
- ☐ roll up the charging cable correctly, repositioning the protective cover correctly on the charging connector

(where provided). When rolling up, take care not to damage the cable. Then place the cable, together with the charging kit, inside the housing located inside the boot



250

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WARNING Before disconnecting the charging connector, make sure that the doors are unlocked. If the door is locked, the charging connector locking system does not allow disconnection.



IMPORTANT

221) The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed via the Alfa Connect system with Navigator / Alfa Connect system display (see the "Alfa Connect system with Navigator / Alfa Connect" chapter in the "Multimedia" section for more information). The default charge level set is "Level 3". For countries in which the 13A "Mode 2" charging cable can be used, if the domestic

power socket IS NOT CERTIFIED, it is recommended to set "Level 4" charge to the maximum, which corresponds to approx. 10A. For the list of country-specific cable types refer to what is indicated in the "Mode 2 cable variant table".

222) In order to reduce the risk of electric shock or damage to the device, special care should be taken when cleaning: ALWAYS unplug the device from the domestic power supply socket and car ports.

223) Incorrect setting of the charge current intensity can overload or overheat the mains power supply of the domestic power socket. Fire hazard. Before charging from other domestic sockets, adjust the charge current intensity to the mains. If you do not know the mains, set to the lowest level. Never use extension cords for charging.

224) Incorrect connection between connector and charging terminals constitutes a fire hazard!

225) During normal operation, the domestic power socket can overheat. In the case of extreme overheating, the charge is interrupted and the warning LED on the front of the cable control unit will turn on. Refer to the table in the "Charging system failure" chapter in the "Power sources that can be used" section.

226) The "Mode 2" charge cable must be connected to a dedicated circuit that is not shared with other devices that absorb electrical energy.

227) Do not insert fingers or objects in the cable charging connector.

228) Carefully follow the instructions in the installation and operation manuals of the device.

229) The high-voltage battery must only be charged through approved, earthed domestic sockets or from a public charging station using the charging cable supplied separately as an option by the manufacturer ("Mode 3" charging cable).

230) Keep the charging flap closed when the charging port is not in use.



WARNING

91) You do not need to wait until the high-voltage battery level is low to recharge. The performance of the high-voltage battery is optimal when it is charged regularly.

92) Charging the high-voltage battery may take longer if the temperature of the high-voltage battery is high or low.

93) During charging, especially with fast charging, high-voltage battery cooling components may be voltage activated. Therefore, it is normal to hear noises during this operation.

94) Do not charge if the external temperature is -30°C or lower, as charging is likely to take longer and the charging device may be damaged.

95) Do not leave the car or the charging cable in areas where the external temperature is below -40°C as they may be damaged.

96) In cold temperatures, the charging cable may become stiff. Therefore, be careful not to apply excessive force to the charging cable as it may be damaged.

97) Do not use personal generators to charge the high-voltage battery. This may cause fluctuations in charging and the



ABC

voltage may be insufficient, resulting in damage to the car system.

98) *Charging the high-voltage battery using incorrect or damaged sockets, or charging cables and not following the prescribed charging procedures may cause short circuits, fire and potential risk of damage to the electrical system of the car.*

CHARGING PROCEDURE FROM WALLBOX CHARGING STATION ("SMART" WALLBOX)

(Plug-In Hybrid Q4 version)

WARNING The "smart" wallbox domestic charging station fig. 251 (for versions/markets, where provided) must be installed by qualified personnel after checking the domestic electrical system. For information on available "smart" wallbox charging stations, contact an Alfa Romeo Dealership.

The high-voltage battery of your car can be charged by directly connecting the charging cable to the "smart" wallbox charging station or using the Mode 3 charge cable (for versions/markets, where provided).

For the characteristics of the "Mode 3" cable, refer to the "Power sources that can be used - Mode 3 cable" chapter.

Charging with "smart" wallbox allows to reach, from a domestic user, a higher charge power than the charge achieved

using a domestic socket: the charging time, as a consequence, is significantly reduced.

Some "smart" wallboxes can be programmed from the mobile app.

WARNING If programming is present both on the "small" wallbox and on the car (Alfa Connect with Navigator / Alfa Connect system or mobile app), the charging system gives priority to programming of the wallbox (excluding the programming of the car).



251

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NOTE The "smart" wallbox configuration may vary depending on the country where the vehicle is sold.

NOTE The electrical system of the house must be checked regularly by qualified personnel.

The maximum charging current value is automatically set by the device, depending on the building's electrical system.

For the charging procedure, refer to the "Charging from domestic power supply (AC) socket procedure" chapter.

CHARGING PROCEDURE FROM PUBLIC CHARGING STATION (AC)

(Plug-In Hybrid Q4 version)

 231) 232) 233)

 99) 100) 101)

The high-voltage battery of the car can be charged by directly connecting the charging cable of the public charging stations or using the "3" charging cable (for versions/markets, where provided).

For the characteristics of the "Mode 3" cable, refer to the "Power sources that can be used - Mode 3 cable" chapter.

To charge, proceed as follows:

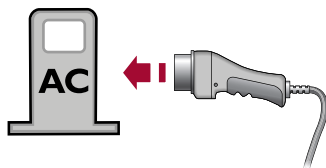
□ park the car safely (automatic transmission lever in position "P" - Park);

- ❑ engage the electric parking brake;
- ❑ switch off the engine;
- ❑ remove the charging cable (optional) fig. 252 from the boot (inside a special bag), remove the protective cover (where provided) on the two-colour connector (4) and plug it into the socket of the public charging station, fig. 253;
- ❑ open the charging flap (1) fig. 228 located on the left side by pressing on the area indicated by the arrow;
- ❑ remove any dust that may have built up on the charging connector and on the charging port;
- ❑ grasp the charging cable, remove the protective cover (where provided) on the connector (5) fig. 252 and plug it into the charging port on the car until you hear the click indicating that it has been locked;



252

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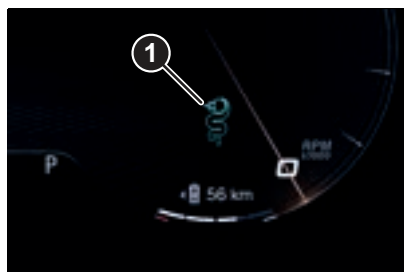


253

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- ❑ charging starts automatically. If necessary, the public charging station must be enabled; follow the manufacturer's instructions and warnings when using the charging station;

The start of recharging is also notified by the green illumination of the symbol (1) fig. 254 on both the speedometer and tachometer.



254

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- ❑ during the charging phase, the first LED located next to the charging port on the car flashes green while the remaining LEDs are on with steady light.

NOTE The charging procedure is interrupted when opening the bonnet: a dedicated message will be shown on the instrument panel display. The charge will be reactivated when the bonnet is closed correctly.

NOTE In some countries the "Mode 3" cable is not available.

WARNING Always connect the connector first to the socket on the public charging station and then to the car.

WARNING Unlocking the door locks during the charging procedure will cause it to stop. Charging resumes automatically after about 60 seconds.

WARNING Before leaving the car, it is advisable to lock the doors by pressing the button  on the key. If it is not possible to lock the doors by pressing the button  on the key, lock the doors by pressing the button on the driver's side door handle.

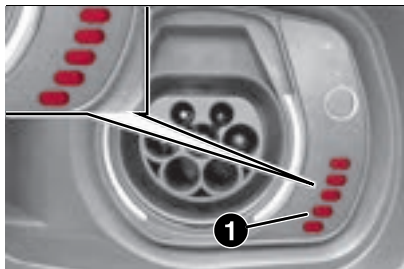
WARNING Not all AC charging stations are compatible for recharging. In these cases, charging will not take place although the cable is connected correctly and a dedicated message will be displayed on the instrument panel display.



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END OF CHARGING PROCEDURE

The charging procedure ends when all the LEDs (1) fig. 255, next to the charging port, are on green continuously (during charging, the first LED will flash, while the other LEDs will be on continuously).



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DISCONNECTING THE "MODE 3" CHARGING CABLE

To complete the charging, proceed as follows:

- ❑ unlock the doors of the car allowing the charging cable to unlock;
- ❑ disconnect the cable from the charging port of the car and put the protective cover (where provided) back on the connector (5) fig. 252;
- ❑ unplug the cable from the charging port on the public charging station and put the protective cover (where provided) back correctly on the two-colour connector (4) fig. 252;

- ❑ replace the protective cover of the charging port;
- ❑ close the charging flap, making sure it locks properly;
- ❑ roll up the charging cable correctly, repositioning the protective covers on both sides of the cable correctly (take care not to damage the cable when rolling it up). Then place the cable inside the bag located inside the boot.



IMPORTANT

231) The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed via the Alfa Connect system with Navigator / Alfa Connect system display (see the "Alfa Connect system with Navigator / Alfa Connect" chapter in the "Multimedia" section for more information). The default charge level set is "Level 3". The set level applies indifferently to both AC home charging (Mode 2) and charging from an AC public charging station (Mode 3). It is therefore always advisable to check that the level is set as desired for the actual charging type that is about to be carried out.

232) The high-voltage battery must only be charged through approved, earthed domestic sockets or from a public charging station using the charging cable supplied separately as an option by the manufacturer ("Mode 3" charging cable).

233) Keep the charging flap closed when the charging port is not in use.



WARNING

99) You do not need to wait until the high-voltage battery level is low to recharge. The performance of the battery is optimal when it is charged regularly.

100) Charging the high-voltage battery may take longer if the temperature of the high-voltage battery is high or low.

101) During charging, especially with fast charging, high-voltage battery cooling components may be voltage activated. Therefore, it is normal to hear noises during this operation.

CHARGING CABLE EMERGENCY UNLOCK

(Plug-In Hybrid Q4 version)

If the charging cable does not unlock at the end of the charging procedure, you can unlock it manually.

If, after closing and opening the doors by pressing the relevant buttons

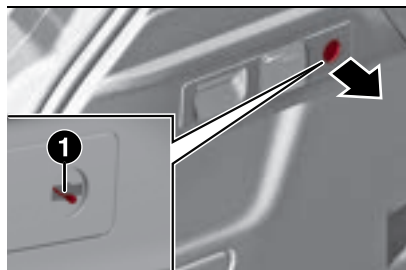


located on the key, it is still not possible to remove the charging cable from the port on the car, it is possible to act manually by operating a special emergency unlocking device located on the left side of the boot and performing the operations described below:

- ❑ open the tailgate

- acting from inside the boot, turn the hook 90° clockwise (1) fig. 256
- pull the cord to manually unlock the actuator of the charging port
- pull the charging connector out of the charging port located on the vehicle
- correctly reposition the cord and the hook in their housing

NOTE To restore correct operation of the system, contact the an Alfa Romeo Dealership.



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CHARGING FUNCTIONS

(Plug-In Hybrid Q4 version)

CHARGING SCHEDULE

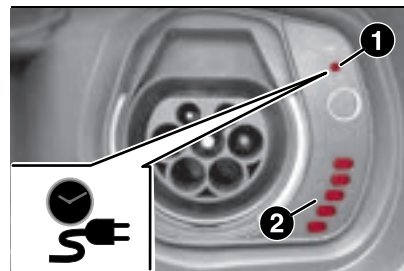
By acting on the Alfa Connect with Navigator / Alfa Connect system display and selecting the "Charging Schedule" function you can set the start and end time at which the high-voltage battery is to be charged.

For more information see the descriptions in "Multimedia" section.

If the vehicle is charging, but it is outside the charging range set via the Alfa Connect with Navigator / Alfa Connect system, the LED (A) (1) fig. 257 (located near the charging port) will light up and the LED (2) will turn on with blue light.

If charging is in progress, the LEDs will light on with green flashing/green steady light depending on the state of charge of the battery portion indicated by the LED.

NOTE If the state of charge of the high-voltage battery is too low, recharging will start immediately, cancelling any set programming.



257

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INTERRUPTING THE CHARGING PROCEDURE

By inserting the charging connector of the cable into the charging port on the vehicle, charging starts automatically. Press the immediate recharge button (1) fig. 258 to "by-pass" any recharge programming already set on the Alfa Connect with Navigator / Alfa Connect system display (for further information refer to the "Multimedia" section).

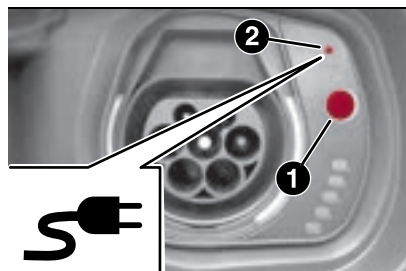
To interrupt the charging, unlock the doors by pressing the button  on the key or the corresponding button on the driver side door panel trim.

The LED (2) fig. 258 illuminates when the vehicle is charging without a set interval or in the case of an immediate charging operation.

If charging was interrupted, the LEDs (2) turns off.



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258

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If, approximately 60 seconds after the doors are unlocked, the system detects that the charging cable is still connected inside the charging port, charging will restart automatically and the cable will be locked inside the charging port.

NOTE The charging procedure can be interrupted either while using the "Mode 2" charge cable or while using the "Mode 3" charge cable.

RESUMING THE CHARGING PROCEDURE

After interrupting the charging procedure, if you wish to resume the procedure, you can either perform the door lock operation by pressing the button  on the key or wait approximately 60 seconds after the door unlocking operation.

In this case, closing the doors with the charging cable connected will resume

charging and the cable will be locked inside the charging port.

Once the charging procedure is resumed, the LED (2) fig. 258 next to the charging port will turn off.

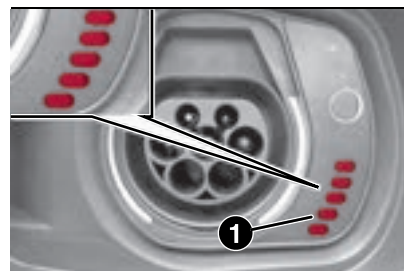
INSTANT CHARGING MANAGEMENT

Instant charging is performed by pressing the button (1) fig. 258 located next to the charging port or through the dedicated App installed on your smartphone.

NOTE The (1) fig. 258 is only active when the doors are unlocked.

END OF CHARGING PROCEDURE

The charging procedure ends when all the LEDs (1) fig. 259, next to the charging port, are on green continuously (during charging, the first LED will flash, while the other LEDs will be on continuously).

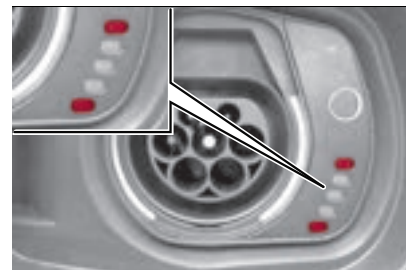


259

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FAILURE DURING CHARGING PROCEDURE

If a fault is detected during the charging procedure, the first and last LED located next to the charging port will light up flashing red, fig. 260.



260

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"eCoasting" mode (ENERGY SAVING)

(Plug-In Hybrid Q4 and Hybrid versions)

It is a mode that, when the accelerator pedal is released, recovers energy during the slowing down phase of the car.

The "eCoasting" mode, always active regardless of the selected operating mode (use of the heat engine or electric motor), maximises energy recovery when the accelerator and brake pedals are released.

Driving in "eCoasting" mode is possible if the transmission is in position "D" (Drive).

INTERVENTION TYPE SELECTION

Plug-In Hybrid Q4 version

In "Natural" and "Advanced Efficiency" modes (in specific driving conditions), which can be selected via the DNA™ system selector, the "eCoasting" feature has a setting that favours driving comfort, while in "Dynamic" and  OFF modes the setting is sportier, allowing more pronounced deceleration when the accelerator pedal is released.

Hybrid version

During deceleration, with a gear engaged, the electric motor charges the auxiliary lithium battery (48V) and the conventional battery (12V).

When the accelerator pedal is released with the gear engaged, the electric motor acts as an engine brake ("eCoasting" mode): this contribution is increased by pressing the brake pedal at the same time ("eBraking" mode). The recovered energy is made available later, helping to save fuel.

"eBraking" MODE

PLUG-IN HYBRID Q4 VERSION

The "eBraking" mode, which is always active regardless of the selected operating mode (heat engine or electric motor operation), activates the high-voltage battery charging when the brake pedal is pressed, thereby recovering energy during braking.

The electric motors work like alternators, converting the kinetic energy of the car into electrical energy.

Using this mode is particularly useful when driving in the city, where there are continuous stops and starts.

NOTE To make the most efficient use of the system, the braking phase should, where possible, be modulated by applying gradual pressure on the brake pedal so as to allow maximum energy recovery.

NOTE In the event of an emergency, maximum braking efficiency is always guaranteed by the conventional braking system.

NOTE On the car, in addition to the conventional braking system, the rear electric motor is able to slow the car down under certain conditions while also allowing the high-voltage battery to be recharged.

HYBRID VERSION

During deceleration, with a gear engaged, the electric motor charges the auxiliary lithium battery (48V) and the conventional lead battery (12V).

The electric motor acts as an engine brake ("eCoasting" mode): this contribution is increased by pressing the brake pedal at the same time ("eBraking" mode). The recovered energy is made available later, helping to save fuel.

"eCreeping" MODE

(Plug-In Hybrid Q4 and Hybrid versions)

PLUG-IN HYBRID Q4 VERSION

This mode makes it possible, with the heat engine off, to move the car forwards or backwards in electric mode by releasing the brake pedal and without having to press down on the accelerator pedal as soon as the transmission is moved to "D" (Drive), "R" (Reverse) or when selecting "Sequential mode" ("creeping" effect).

HYBRID VERSION

This mode makes it possible, with the heat engine off, to move the car forwards or backwards in electric mode by releasing the brake pedal and without having to press down on the accelerator pedal as soon as the transmission is moved to "D" (Drive), "R" (Reverse) or



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when selecting "Sequential mode" ("creeping" effect).

NOTE "eCreeping" mode is only performed if the lithium ion auxiliary battery (48V) is charged sufficiently. For more information on the use of the electrified dual clutch automatic transmission, see what is described in the relative chapters in this section.

"eQueueing" MODE

(Hybrid version)

This mode makes it possible to follow a queue, in which there are various stops and consecutive starts ("Stop&Go") of the car, using the "eCreeping", "eLaunch" and electric driving modes.

NOTE "eQueueing" mode is activated only if the auxiliary lithium ion battery (48V) is sufficiently charged.

"eLaunch" MODE (START OF ELECTRIC MODE)

(Hybrid version)

This mode makes it possible, with the heat engine off, to start in electric mode without decreasing car performance.

By pressing the accelerator pedal, the car will start to move forward as soon as the "Sequential mode" of the electrified dual clutch automatic transmission is selected.

NOTE "eLaunch" mode is activated only if the auxiliary lithium ion battery (48V) is sufficiently charged.

"eBoosting" MODE

(Hybrid version)

This mode permits the simultaneous operation of the heat engine and electric motor (combined with the electrified dual clutch automatic transmission).

As long as the lithium ion battery (48V) is sufficiently charged, this mode supports the delivery of engine torque (sum of the engine torque delivered by the heat engine and by the electric motor, without ever exceeding the maximum torque value for only the heat engine).

"Overboost"

By pressing the accelerator pedal down fully ("kick-down" function), and when the lithium ion battery (48V) is has a high

state of charge, it is possible to exceed the torque of only the heat engine, thanks to the additional torque provided by the electric motor.

"eParking" MODE

(Hybrid version)

This mode makes it possible to carry out parking manoeuvres at low speed with the transmission in position D (Drive) or R (Reverse) with the help of the electric motor.

When "eParking" mode is active, the heat engine is off, and the electric motor functions as a generator to charge the auxiliary lithium ion battery (48V).

The movement of the car, or the acceleration phase, is performed by moving the transmission to D (Drive).

NOTE "eParking" mode is activated only if the auxiliary lithium ion battery (48V) is sufficiently charged.

PARKING MANOEUVRES

These manoeuvres can be performed:

- ❑ in "eCreeping" mode with the accelerator pedal released or
- ❑ in "eLaunch" mode, if the driver presses the accelerator pedal or if it is reproduced by the automatic parking system (ParkAssist system or Active ParkAssist system) as a virtual gas pedal

The performance must be supplied within the limits of the state of charge of the auxiliary lithium ion battery (48V) and the available energy.

REFUELLING THE CAR

Always stop the engine before refuelling.

 234) 235) 236)

PETROL ENGINES

Only use unleaded petrol with an octane number (R.O.N.) not lower than 95 (EN228 specification).

In order to prevent damage to the catalytic converter never introduce even the smallest amount of leaded petrol, even in the event of an emergency.

DIESEL ENGINES

 102)

Only use Diesel fuel for motor cars (EN590 specification). In the event of refuelling with diesel which is unsuitable for the operating temperature, it is advisable to mix the diesel with a specific additive, introducing it to the tank before the anti-freeze and then the diesel.

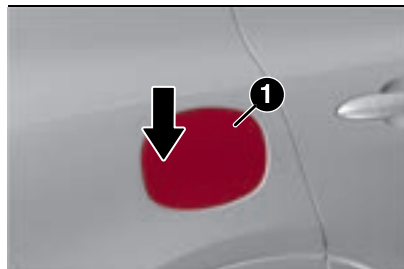
When using or parking the car for a long time in the mountains or cold areas, it is advisable to refuel using locally available Diesel. In this case, it is also advisable to keep the tank over 50% full.

REFUELLING PROCEDURE (Diesel / Hybrid / 2.0 T4 272 HP versions) Opening the flap

To refuel proceed as follows:

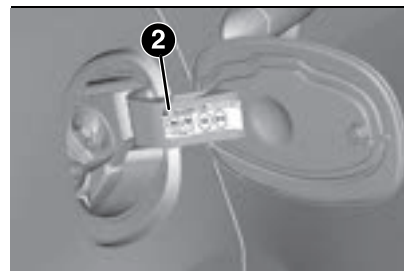
- ❑ open flap (1) fig. 261, from the point shown by the arrow
- ❑ insert the nozzle fully into the filler neck until the nozzle is engaged and refuel
- ❑ when the fuel nozzle "clicks" or shuts off, before removing the nozzle, wait for at least 10 seconds in order for the fuel to flow inside the tank
- ❑ then remove the nozzle from the filler and close the flap (1) fig. 261

The refuelling procedure described below is illustrated on the label (2) fig. 262 located inside the fuel flap.



261

9650274



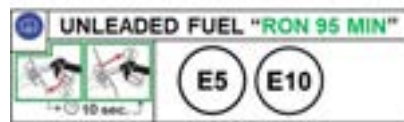
262

9650421

WARNING The plate located inside the fuel door changes depending on the fuel supply system of the car and whether or not the fuel cap is present

WARNING Never continue refuelling after the fuel nozzle has stopped three times, indicating that the level has reached the maximum tank capacity.

Running on petrol:



263

9650422



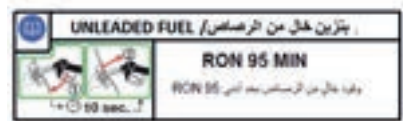
ABC



264

9650423

WARNING For vehicles with 2.0 T4 272 HP engine, refuel with unleaded 95 R.O.N. petrol only. (EN228 specification), as reminded by the plate on the inside of the fuel flap (for versions/markets, where provided) (see fig. 265 for versions without a filler cap or fig. 266 for versions with a cap).



265

9650333



266

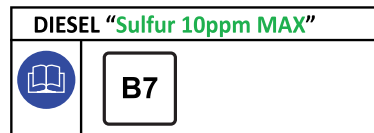
9650334

Diesel fuel:



267

9650424



268

9650425

REFUELLING PROCEDURE (Plug-In Hybrid Q4 version)

To refuel proceed as follows:

- ☐ switch off the engine and shift the transmission to P (Park)
- ☐ as soon as the fuel door release button (1) fig. 269 is pressed, with the transmission in P (Park), action is taken to release pressure in the fuel tank



269

9650222

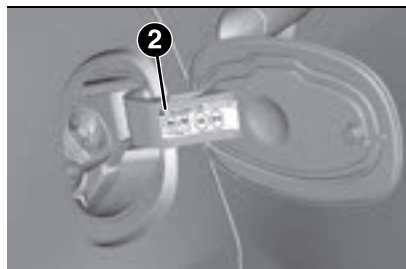
- ☐ refuelling will be possible once the pressure has been released. Generally the depressurisation procedure is quite rapid: it could last up to 15-20 seconds in case of high ambient temperatures. The fuel flap is then unlocked and opened (if necessary, finish opening manually and then refuel)
- ☐ insert the nozzle fully into the filler neck until the nozzle is engaged and refuel
- ☐ when the fuel nozzle "clicks" or shuts off, before removing the nozzle, wait for

at least 10 seconds in order for the fuel to flow inside the tank

❑ then remove the nozzle from the filler and close the fuel flap

❑ when refuelling is complete, close the fuel flap

The refuelling procedure described below is illustrated on the label (2) fig. 270 located inside the fuel flap.



NOTE The plate inside the fuel flap depends on whether the car is fitted with the fuel cap fig. 264, or without the fuel cap fig. 263.

NOTE After pressing the button (1) fig. 269, you have 20 minutes to refuel. After this time you will need to press the button again to refuel.

WARNING Never continue refuelling after the fuel nozzle has stopped three times, indicating that the level has reached the maximum tank capacity.

Important notes

❑ For the Plug-In Hybrid Q4 version, depending on the type of use, the fuel may remain inside the tank for extended periods of time and its characteristics may vary. In order to avoid damage to the fuel feed system it is recommended to consume at least one full tank of fuel every 6 months of use of the car.

❑ Never attempt to start the engine if there is no fuel inside the tank. In this case, it may be impossible to start the vehicle as it is unable to check the high-voltage battery charge.

TOPPING UP AdBlue® DIESEL EMISSIONS ADDITIVE

(where provided) (Diesel versions only)



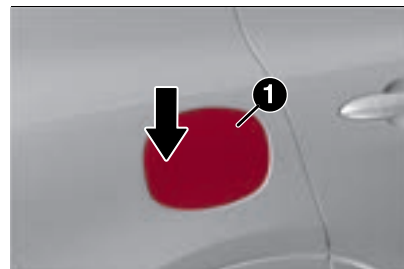
Preliminary Conditions

AdBlue® freezes at temperatures lower than -11°C. If the car stands for a long time at this temperature refilling could be difficult. For this reason, it is advised to park the car in a garage and/or heated environment and wait for the AdBlue® to return to liquid state before topping up.

Proceed as follows:

❑ park the car on flat ground and stop the engine by setting the ignition device in the OFF position

❑ open the fuel flap (1) fig. 271 and then unscrew and remove the cap (2) (blue) from the AdBlue® filler



Refilling with nozzles

The system was designed in compliance with ISO 22241-5 (nozzle capacity: 10 l/min.). Refilling at stations with higher flow rates is possible, but the nozzle could shut off and the amount introduced into the tank may vary.

Proceed as follows:

❑ insert the AdBlue® nozzle in the filler,



ABC

start refilling and stop refilling at the first shut-off (the shut-off indicates that the AdBlue® tank is full). Do not proceed with the refilling, to prevent spillage of AdBlue®

- ❑ extract the nozzle

Refilling with containers

Proceed as follows:

- ❑ check the expiration date
- ❑ read the advice for use on the label before pouring the content of the bottle into the AdBlue® reservoir
- ❑ if systems which cannot be screwed in (e.g. tanks) are used for refilling, after the indication appears on the instrument panel display (see "Indicator lights and messages" chapter in the "Knowing the instrument panel" section), fill the AdBlue® tank with up to 8.5 litres
- ❑ if containers which can be screwed to the filler are used, the reservoir is full when the AdBlue® level in the container stops pouring out. Do not proceed further

Operations after refilling

Proceed as follows:

- ❑ fit the cap (2) fig. 272 back on the AdBlue® filler by turning it clockwise and screwing it completely

- ❑ turn the ignition device to the ENGINE position (it is not necessary to start the engine)

- ❑ wait for the indication on the instrument panel to switch off before moving the car. The indication may stay on for a few seconds to approximately half a minute. If the engine is started and the car is moved, the indication will remain on for longer. This will not compromise engine operation

- ❑ if the AdBlue® was topped up when the tank was empty, see the "Refilling" chapter in the "Technical specifications" section and wait for 2 minutes before starting the engine

WARNING If AdBlue® is spilled out of the filler neck, clean up well the area and proceed to filling up again. If the liquid crystallises, eliminate it with a sponge and warm water.

WARNING

- ❑ **DO NOT EXCEED THE MAXIMUM LEVEL: this could cause damage to the reservoir. AdBlue® freezes at under - 11 °C. Although the system is designed to operate below the freezing point of the AdBlue®, it is advisable not to fill the tank beyond the maximum level because if the AdBlue® freezes the system can be damaged. Comply with what is described in this paragraph**

- ❑ **If the AdBlue® is spilled on painted surfaces or aluminium, immediately clean the area with water and use absorbent material to collect the fluid that has been spilled on the ground**

- ❑ **Do not try to start the engine if the AdBlue® was accidentally added to the Diesel fuel tank, this can result in serious engine damage, contact an Alfa Romeo Dealership**

- ❑ **Do not add additives or other fluids to AdBlue®, doing so could damage the system**

- ❑ **The use of non-conforming or degraded AdBlue® may lead to indications appearing on the instrument panel display (see "Indicator lights and messages" chapter in the "Knowing the instrument panel" section).**

- ❑ **Never pour AdBlue® into another container: it could be contaminated**

- ❑ **If the exhaust gas purification system is damaged due to the use of additives/tap water, diesel or due to the failure to comply with these requirements, the warranty shall lapse**

- ❑ **If the AdBlue® runs out, see the "Indicator lights and messages" chapter in the "Knowing the instrument panel" section to continue using the car normally**

- ❑ The AdBlue® level is not updated if the car is parked on a sloping road
- ❑ The consumption of AdBlue® emissions additive depends on the conditions of use of the car and is indicated by means of the symbol which lights on

Storing AdBlue®

AdBlue® is considered a very stable product with a long shelf life. Stored at temperatures LOWER than 32°C, it has a shelf life of at least one year. Follow the instructions on the label of the container.

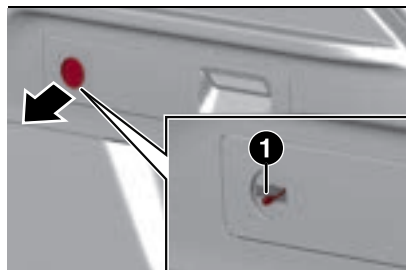
EMERGENCY FUEL FLAP OPENING

(where provided)

If the fuel flap is not unlocked due to faults in the electrical unlocking system, the fuel flap can be unlocked manually using a cord located on the right side of the boot, on the side panel near the fuel flap.

Proceed as follows:

- ❑ from inside the boot, remove the protective cap on the right-hand side and pull the cord (1) fig. 273 to unlock the fuel filler flap lock
- ❑ open the fuel flap by pressing on it (see the previous instructions)
- ❑ correctly reposition the cord and the hook in their housing



273

9650224

NOTE If refuelling is performed by manually unlocking the fuel flap, special attention must be paid to the reference operation as the fuel may flow back.

EMERGENCY REFUELLING

If there is no fuel in the car or the supply circuit is completely empty, proceed as follows to reintroduce fuel to the tank:

- ❑ open the boot and get the adapter fig. 274, located in the toolbox or, depending on the versions, in the Fix&Go container
- ❑ open the fuel door and insert the adapter into the filler
- ❑ after refuelling, remove the adapter, close the door and store the adapter in the boot



274

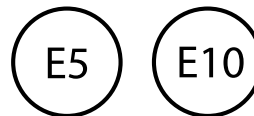
9650434

Fuels - identification of vehicle compatibility. Graphic symbol for consumer information in accordance with EN16942

The symbols shown below facilitated recognising the correct fuel type to be used on your car.

Before proceeding with refuelling, check the symbols inside the fuel filler flap (where provided) and compare them with the symbols shown on the fuel pump (where provided).

Symbols for petrol powered cars



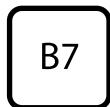
E5: Unleaded petrol containing up to 2.7% (m/m) oxygen and with maximum 5.0% (V/V) ethanol compliant with **EN228**.



ABC

E10: Unleaded petrol containing up to 3.7% (m/m) oxygen and with maximum 10.0% (V/V) ethanol compliant with **EN228**.

Symbols for diesel powered cars



B7: Diesel containing up to 7% (V/V) of FAME (Fatty Acid Methyl Esters) compliant with **EN590**.



XTL: Paraffinic diesel fuel containing up to 7% (V/V) fatty acid methyl ester, compliant with specification **EN15940**

WARNING The use of any other type of bio-fuel (vegetable or animal oils, pure or diluted, domestic fuels, etc.) is strictly prohibited. It can result in damage to the engine and fuel system.



IMPORTANT

234) 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.

235) 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.

236) Do not use a mobile phone near the refuelling pump: risk of fire.

237) If the AdBlue (UREA) overheats for a prolonged period inside the tank to over 50 °C (for example, due to direct solar irradiation), the AdBlue (UREA) may decompose and produce ammonia vapours. Ammonia vapours have a pungent odour when the cap of the AdBlue (UREA) tank is unscrewed, therefore be careful not to inhale any ammonia vapours in the tank outlet. In this concentration, however, the ammonia vapours are not harmful or dangerous to health.



WARNING

102) For diesel engines, only use diesel fuel for motor vehicles in accordance with EN590 European specifications. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. If you accidentally introduce other types of fuel into the tank, do not start the engine. Empty the tank. If the engine has been run for even an extremely limited amount of time, you must not only drain the fuel tank, but the rest of the supply circuit as well.

AdBlue® (UREA) ADDITIVE FOR DIESEL EMISSIONS

(where provided)

The car is equipped with an AdBlue® (UREA) injection system and Selective Catalytic Reduction to meet emission standards.

These two systems ensure compliance with the diesel emissions requirements; at the same, they ensure fuel-efficiency, handling, torque and power. For messages and system warnings, refer to the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter.

AdBlue® (UREA) is considered a very stable product with a long shelf life. Stored at temperatures LOWER than 32 °C, it has a shelf life of at least one year.

For more information on the AdBlue® (UREA) liquid type, see the "Fluids and lubricants" paragraph in the "Technical specifications" chapter.

The car is provided with an automatic AdBlue® (UREA) heating system when the engine starts allowing the system to work correctly at temperatures lower than -11 °C.

WARNING AdBlue® (UREA) freezes at temperatures lower than -11 °C.

DRIVING TIPS

PROTECTING THE ENVIRONMENT

Here are some tips:

- ❑ Plan your route for effective average speed
- ❑ observe the service and maintenance intervals of the vehicle as stated in the Service and Warranty Booklet
- ❑ do not run the heat engine at idling speed and turn it off during long stops in a queue (excluding Plug-In Hybrid Q4 and Hybrid versions). Comply with the regulations of the country where you are driving
- ❑ planning the route: many unnecessary stops and an irregular speed contribute to increase fuel consumption

FUEL CONSUMPTION

(Plug-In Hybrid Q4 version)

To limit fuel consumption, try to make maximum use of the car's electric drive, depending on the driving needs and the route.

SAVING FUEL

Below are some suggestions which may help you save fuel and thus lower the amount of harmful emissions released into the atmosphere.

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 car and its arrangement greatly affect fuel consumption and stability.

Roof rack/ski rack

Remove the roof rack or the ski rack from the roof after use. These accessories lower aerodynamic penetration and adversely affect consumption levels. When transporting particularly large objects, use a trailer if possible.

Electric devices

Use electrical devices only for the amount of time needed. The heated rear window, 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.

Devices for aerodynamic control

The use of non-certified devices for aerodynamic control may adversely affect air drag and consumption levels.

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.

For Plug-In Hybrid Q4 version, once a month, especially in cold environment conditions, it is recommended to use the heat engine for up to 60 minutes at a time (activating "Dynamic" mode or with automatic transmission in "Autostick" mode) to allow complete heating of the engine.

Unnecessary actions

Avoid accelerating when stopped at traffic lights or before switching off the engine.

Gear selection ("Autostick" mode)

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.

TIPS FOR DRIVING HYBRID CARS

(Plug-In Hybrid Q4 and Hybrid versions)

To ensure maximum autonomy and minimize energy consumption, observe the precautions below.

High-voltage battery charging

(Plug-In Hybrid Q4 version)

Charge the car regularly from the mains. It is recommended to always travel with a fully charged high-voltage battery.

Check where the public charging stations are located (for more information, see the "Navigation" chapter in the "Multimedia" section).

Park, if possible, in a parking lot provided with public charging stations.

Regular recharging of the high-voltage battery increases the range of the car.

Passenger compartment heating

(Plug-In Hybrid Q4 version)

If possible, warm up the passenger compartment before driving.

If you are driving for a short time after air conditioning in the passenger compartment, switch off the automatic dual-zone climate control system compressor or turn off the fan.

In order to maximise the energy efficiency of the car, it is suggested to use the passenger compartment air conditioning function only when strictly necessary.

During the summer season, avoid parking the car in a way that overheats the passenger compartment during parking. Park, if possible, in suitably ventilated indoor areas or outside in the shade.

Driving

(Plug-In Hybrid Q4 version)

Dose the pressure on the accelerator pedal: the electric motor is more efficient than the heat engine, especially at low speeds. High speed leads to higher energy consumption.

As far as possible, do not use the heat engine to charge the high-voltage battery. Recharging with the heat engine increases fuel consumption.

Exploitation of inertia force

At a traffic light, release the accelerator pedal, allowing the car to decelerate.

On downhill stretches, release the accelerator pedal, letting the car proceed by inertia.

The hybrid system is able to recover energy from braking and slowing down: making effective use of these driving phases emphasizes the peculiarities of a hybrid car and its efficiency.

Switching off superfluous functions

If not strictly necessary, remember to switch off functions such as seat heating or activation of the heated rear window.

Energy recovery optimization

Energy recovery is a characteristic of the hybrid vehicles and makes it possible to make efficient use of the "passive" driving phases (deceleration and braking), recovering energy and charging the high voltage battery (Plug-In Hybrid Q4 version) or the auxiliary battery (Hybrid version), making it possible to use the recovered energy during subsequent accelerations.

The energy recovery optimization, during acceleration and braking, is carried out in three phases:

□ **Light energy recover** during deceleration without pressing the brake pedal

❑ **Medium energy recovery** during slight deceleration slightly pressing the brake pedal

❑ **Maximum energy recovery:** if the brake pedal is depressed deeper, provided that the indicator located on the power meter on the instrument panel still moves in the charge indication middle space

Optimal energy recovery

Optimising energy recovery is possible by adopting an appropriate driving style.

For Plug-In Hybrid Q4 version: as soon as the indicator on the instrument panel display shows the maximum energy recovery, press down the brake pedal fully, only if driving conditions require it.

Electrical operating mode

The range of the car in electric mode is influenced by several factors (including electrical devices such as air conditioning, Alfa Connect with Navigator / Alfa Connect system, lighting, etc.) and varies depending on driving conditions and/or traffic.

NOTE In this mode, the vehicle is driven by the electric motor alone. Limitations in available electrical power may be perceived if high and continuous performance is required. In this case, to exploit the power of the combustion engine in addition to the electric motor, it is suggested to exit the

"Advanced Efficiency" mode by turning the selector switch or by fully pressing the accelerator pedal (kick down). In this case, the vehicle will automatically switch to hybrid mode and an acoustic warning will be emitted to alert the driver.

CONDITIONS OF USE

(versions with heat engine)

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.

TRANSPORTING PASSENGERS

Important notes

WARNING It is extremely dangerous to leave children in a parked car when the temperature outside is very high. The heat inside the passenger compartment may have serious, or even fatal, consequences.

WARNING Never travel in the internal load compartment. In the event of an accident, anyone inside the boot would be at greater risk of serious or even fatal injury.

WARNING Ensure that all the occupants of the car wear their seat belts correctly and that any children are positioned correctly on the dedicated child restraint systems.

TRANSPORTING ANIMALS

Deployment of the airbags may be dangerous for an animal on the front seat. It is therefore advisable to arrange animals on the rear seat inside dedicated cages restrained by the car's seat belts.

Bear in mind also that, in the event of a sudden braking or an accident, an inadequately restrained animal may be projected within the passenger compartment, risking injury to the animal itself and the other occupants of the car.

EXHAUST GAS

Adequate maintenance of the exhaust system represents the best protection against leaks of carbon monoxide into the passenger compartment.

Should an unusual noise from the exhaust system or the presence of exhaust gas in the passenger compartment be identified, or if the underbody or rear part of the car is damaged, have the entire exhaust



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system and adjoining bodywork areas checked to identify any broken components which are broken, damaged, worn or have moved from their correct fitting position. For these operations, contact an Alfa Romeo Dealership.

TRANSPORTING THE CAR (Plug-In Hybrid Q4 version)

If the vehicle has to be transported on a ship or an airplane, it is not necessary to request any authorization from a public authority (ref. IATA-DGR standard and IMDG code 01.01.2018) because the high-voltage battery installed on the vehicle has passed all the safety tests required by the regulations in force and complies with the safety systems.

TOWING TRAILERS

WARNINGS

For towing caravans or trailers the car must be fitted with an approved tow hook and an adequate electrical system. Should aftermarket installation be requested, this must be carried out by a specialised technician.

When towing a trailer, do not exceed the towing limits given in the "Weights and loads" chapter, "Technical Data" section.

Install any specific and/or additional rear-view mirrors as specified by the Highway Code.

Remember that, when towing a trailer, steep hills are harder to climb, braking distances increase and overtaking takes longer depending on the overall weight of the trailer.

When driving downhill, shift into a lower gear instead of using the brake pedal constantly.

To select the correct gear for maximum deceleration (engine brake), simply keep the gear lever (for 2.0 petrol versions) pressed forward, towards the indication – on the panel. For versions with rotary control or where there is no sequential transmission, select drive mode D by releasing the accelerator.

The weight the trailer exerts on the car tow hook reduces the loading capacity of the car by the same amount. To make

sure that the maximum towable weight is not exceeded (given in the registration document) account should be taken of the fully laden trailer, including accessories and luggage.

Do not exceed the speed limits specific to each country you are driving in, in the case of vehicles towing trailers. In any case, the top speed must not exceed 100 km/h.

Any electric brake or other device (e.g. winch, etc.) should be powered directly by the conventional battery through a cable with a cross-section of not less than 2.5 mm².

In addition to the electrical branches, the car electrical system can only be connected to the supply cable for an electric brake and to the cable for an internal light for the trailer, not exceeding 15W. For connections use the preset control unit with battery cable with cross-section no less than 2.5 mm².

WARNING The use of auxiliary loads other than external lights (e.g. electric brake, winch, etc.) must be used with engine running.

WARNING Contact an Alfa Romeo Dealership to install a tow hook.





IMPORTANT

238) The ABS with which the car is equipped will not control the braking system of the trailer. Particular caution is therefore required on slippery roads.

239) Never modify the braking system of the vehicle to control the trailer brake. The trailer braking system must be fully independent of the vehicle's hydraulic system.



WARNING

103) Do not tow a trailer during the first 805 km of the new car. The engine, axle or other parts may be damaged. In addition, during the first 805 km of towing a trailer, do not exceed a speed of 80 km/h and avoid abrupt starts. This limits wear and tear on the engine and other vehicle parts during use with heavier loads.



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IN CASE OF EMERGENCY

| | |
|--|-----|
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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.

It is also possible to call the national or international universal freephone number to search for the nearest Dealership.

HAZARD WARNING LIGHTS

CONTROL

Press button fig. 275 to switch the lights on/off.

When the hazard warning lights are on, the warning lights  and  flash.

WARNING The use of hazard warning lights is governed by the highway code of the country you are driving in: comply with legal requirements.



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Emergency braking

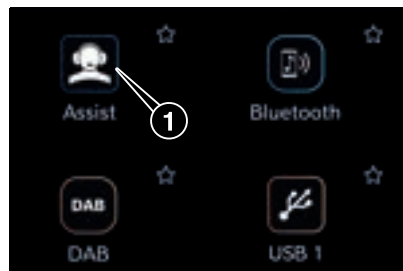
In the event of emergency braking the hazard warning lights switch on automatically as well as the warning lights  and  in the instrument panel. The lights switch off automatically when emergency braking ceases.

ASSIST CALL

The car is equipped with an on-board assistance function designed to provide support in the event of malfunctions of the car.

The ASSIST function is activated:

- ☐ automatically (where provided) following malfunctions of the braking system, engine, etc.
- ☐ manually, using the "Assist" app (1) fig. 276 on the Alfa Connect with Navigator / Alfa Connect system. Refer to the "App" paragraph in the "Multimedia" section for further information.



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The ASSIST function is activated with:

- ☐ the ignition device is in the ENGINE position
- ☐ ignition device in STOP position and Alfa Connect with Navigator / Alfa Connect system display on

Once activated automatically (where provided) or manually, the ASSIST function will send the position data of the car to the Operations Centre and establish a voice call with an operator.

NOTE If the ASSIST function does work, the fault in the system will be indicated on the display. Go as soon as possible to an Alfa Romeo Dealership to have the function repaired.

NOTE The correct operation of the ASSIST services will be guaranteed only by a good network coverage.

WARNING The ASSIST function may not be available for the first minute after the car is started.

The "ASSIST call" function is not the emergency call, also known as "eCall", which is required by law in the countries of the European Union (EU eCall) based on the emergency number 112 and described in the "Emergency call - EU eCall" chapter in this section.

Privacy: for the ASSIST call service, the location (GPS) of the car cannot be deactivated because it is indispensable for the provision of the service itself. The localisation for this service cannot be deactivated even with "Privacy Mode" activated ("Geolocation OFF"). Furthermore, deactivating the positioning of the car by means of the "Settings" menu of the Alfa Connect with Navigator / Alfa Connect system will

make other services (other than the one described here) unavailable (for more details see "Settings" chapter of the Alfa Connect with Navigator / Alfa Connect system).

Stellantis Europe S.p.A. processes personal data ("Data") – as the Data Controller - in accordance with the provisions of Italian Legislative Decree 196/2003 as amended by Italian Legislative Decree 101/2018, Regulation (EU) 2016/679 and any other personal data protection regulations in force. In this regard, refer to the Privacy Policy on the Patto Chiaro Vendita.

WARNING The  icon at the top of the Alfa Connect with Navigator / Alfa Connect system display indicates that the geolocation function is active (ON). When geolocation is on, the car position is tracked to enable the functions that require it. When geolocation is off, the car position is only tracked by the navigation, safety, insurance and driver assistance systems (where provided). This function can be deactivated via the Alfa Connect with Navigator / Alfa Connect system (see the "Settings" paragraph in the "Multimedia" section). Pressing the ASSIST buttons fig. 276 located on the display of the Alfa Connect with Navigator / Alfa 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 car type and its position directly. Additional roadside assistance charges may apply

 **Customer care** (where provided): Customer service to support all car problems

NOTE If the ASSIST call button is pressed by mistake, the call can be ended by pressing the cancel button on the Alfa Connect with Navigator / Alfa 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 in the car that automatically sent the ASSIST request (in the case of an automatic call - 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 My Assistant 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 Alfa Connect with Navigator / Alfa Connect system display. Contact an Alfa Romeo Dealership as soon as.

If a EU eCall 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 Alfa Connected services even if the 12V 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 Alfa Connect system and by means of a notification via mobile app (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.

EMERGENCY CALL - EU eCall

The car is equipped with an on-board assistance function designed to provide support in the event of accident and/or emergency (SOS). The emergency call, also known as "eCall", which is required by law in the countries of the European Union (EU eCall) based on the emergency number 112, can be used to call for help quickly in dangerous situations.

The EU eCall emergency call activates the voice call to the Operations Centre dedicated to emergency calls (112) with simultaneous activation of the transmission of the car data and geolocation. The EU eCall service is a public service of general interest and free of charge.

The EU eCall function can be activated:

- ❑ Automatically, in the event of a major collision recorded by the device by means of the presence of sensors aboard the car

- ❑ manually, holding the SOS button located on the ceiling light pressed (for longer than 2 seconds) fig. 277



277

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The EU eCall service using a SIM card mounted in the car. The provision of the services presupposes the proper operation and availability of the mobile phone network of the SIM card.

The EU eCall function is activated with:

- ❑ the ignition device is in the ENGINE position
- ❑ ignition device in the STOP position

In the STOP position, the EU eCall is available for 10 minutes after the ignition device is switched from ENGINE to STOP.

This condition is only valid for cars equipped with SOS call in accordance with the legal regulations in the countries where it applies.

Once activated automatically (where provided) or manually by pressing the

SOS button, the EU eCall function will send the position data of the car to the Operations Centre, such as geolocation of the car, and establish a voice call with an operator.

NOTE If the EU eCall function does not work, the fault in the system will be indicated on the instrument panel display. Go as soon as possible to an Alfa Romeo Dealership to have the function repaired.

NOTE The correct operation of the EU eCall function will be guaranteed only by a good network coverage.

Privacy: the location (GPS) of the car can **never** be deactivated because it is indispensable for the eCall service. Furthermore, deactivating the positioning of the car, performed by activating "Privacy Mode" ("Geolocation OFF") in the "Settings" menu items of the Alfa Connect with Navigator / Alfa Connect system will make other services - other than the one described here - unavailable (for more details see "Settings" in the "vehicle mode" paragraph in the "Multimedia" section).

WARNING The  icon at the top of the Connect system display indicates that the geolocation function is active (ON). When geolocation is on, the car position is tracked to enable the functions that require it. When geolocation is off, the car position is only tracked by the

navigation, safety, insurance and driver assistance systems (where provided). To deactivate this function, see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section).

AUTOMATIC EMERGENCY CALL

The automatic emergency call system is only available if the car is in READY ON status ("READY" symbol on instrument panel).

The system makes an automatic emergency call if certain conditions are met, e.g. an airbag is deployed.

The flashing green light located on the SOS button fig. 277 on the front ceiling light will indicate that the system is trying to make the emergency call. The fixed green light will indicate that the call has been established.

Interrupting the call

The automatic emergency call cannot be interrupted by the user but will only be interrupted by the operator of the Emergency Operations Centre.

MANUAL EMERGENCY CALL

To make the emergency call manually make sure that the instrument panel is on ("READY" symbol on the instrument panel).

Press the SOS button on the front ceiling light for about 2 seconds fig. 277.

The green light located at the SOS button will flash and then become fixed once the connection has been made with an operator of the Operations Centre responsible for emergency calls (number 112).

The green light will go out when the call is interrupted.

Interrupting a call

If the SOS call button is pressed by mistake, it is possible to press it again within 10 seconds to cancel the operation. After 10 seconds, only the operator of the Operations Centre can interrupt the call.

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, EU eCall service will try to call the Operations Centre again for 5 minutes.

If the Operations Centre needs to contact the car again, the system can receive, for up to 120 minutes from the ending of the call with the operator, an incoming call, which will be accepted automatically. Until the end of 120 minutes, the system will be completely dedicated to the management of the emergency in progress, therefore it will

not be able to provide any connectivity service.

LED signalling / colours

Green light

❑ **In flashing mode:** this indicates that the emergency call has been activated, whether it was made manually or automatically

❑ **In fixed mode:** this indicates that contact has been established with the Emergency Operations Centre operator

❑ **Off:** this indicates that the emergency call has ended

Red light

❑ This indicates a fault in the EU eCall system with the impossibility to make an emergency call or with the possibility to do so with limitations. Go to an Alfa Romeo dealership as soon as possible when this light is red.

Alfa Connect Box SYSTEM BATTERY

The Alfa Connect Box system is provided with an independent battery that allows the operation of some Alfa Connected services even if the 12V 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 Alfa Connect system (where provided) and by means of a notification via mobile app (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.

EU eCall SYSTEM FAULTS

If the EU eCall system detects a malfunction, this is indicated by the red light in the ceiling light that turns on and the dedicated symbol will be displayed on the instrument panel (see the "Warning lights and messages" chapter in the "Knowing the instrument panel" section").

The system through this symbol will suggest to the user to have the battery checked, in case of low level of charge or malfunction and will inform him about the current system update and the status of the call (in progress, failed, etc.) with a dedicated message.

If a fault is present, contact an Alfa Romeo Dealership as soon as possible.

Privacy - Information on personal data ("Data") processing

The geolocation (GPS) function of the car is always active and can never be deactivated for the EU eCall service,

even when the "Privacy Mode" system is activated ("Geolocation OFF").

Data processing is carried out in accordance with current European legislation (EU Regulation 2016/679 also known as "GDPR").

When the call is connected, the following data will be automatically transmitted to the Operations Centre:

- ☐ Identification of the data packet sent. (The operator may request an updated data package during the call)
- ☐ car Identification Number
- ☐ Drive type (hybrid, petrol or diesel)
- ☐ Date, time and minute when the call was made
- ☐ Call type: Manual (via SOS button) or Automatic (following a collision)
- ☐ Vehicle type (car or van)
- ☐ Reliability of the sent position (depending on the condition of the GPS signal at the time of the call)
- ☐ Location relative to the time of the call. If the call is made from a location where the GPS position is available, the position of the car will be sent at the start of the call; if the GPS signal is not available, e.g. inside a tunnel, the last available position will be sent
- ☐ Two positions before the main position sent and the direction of travel of the car.

Data processing is strictly limited to the sole purpose of making emergency calls to 112, the single European emergency number.

The recipients of the Data processed through EU eCall are the emergency call collection centres that are the first designated by the competent Authorities of the country in whose territory the vehicle is located to receive and process eCalls to the single European emergency number 112.

The EU eCall system is designed to ensure that the Data in the system memory is not available outside the system before an eCall is activated.

The EU eCall system, in normal operation, is not traceable and cannot be monitored at all times. It ensures that data is automatically and continuously erased from the internal memory of the system.

The car geolocation data are constantly overwritten in the internal memory of the system to store at most the last three positions of the car, necessary for the normal operation of the system.

The data protocol of the EU eCall system activities is kept only for the time necessary to manage the eCall emergency call and in any case for no more than 13 hours from the time the eCall emergency call was initiated.

Stellantis Europe S.p.A. shall retain the geolocation data relating to the position of the car - recorded at the time of the accident - for the period deemed strictly necessary to provide this Service. The Data may be retained by the Manufacturer for a longer period to deal with any disputes related to the provision of the Service and to ascertain, exercise or defend the rights of by the Manufacturer judicial and/or extrajudicial proceedings. After this period, the Data will either be anonymised or permanently erased.

The Data Controller of the aforementioned personal data is the Manufacturer with headquarters at Corso Agnelli 200, Turin - zip code 10135.

The data subject may contact the Data Protection Officer's team at dpofca@stellantis.com.

The Manufacturer will comply with the applicable laws on Data Protection and in particular with the requirements of Legislative Decree No. 196/2003 as amended by Italian Legislative Decree 101/2018 and of EU Regulation 2016/679. Refer to the Privacy Policy on the Patto Chiaro Vendita.

The following rights are granted to the data subject:

1. right of access, i.e. the right to obtain confirmation from the Manufacturer

whether or not the Data are being processed and, if so, to obtain access to them;

2. right of correction and erasure, i.e. the right to obtain the correction of inaccurate Data and/or the integration of incomplete Data or the deletion of Data for legitimate reasons;

3. right to the restriction of processing, i.e. the right to request the suspension of processing where legitimate reasons exist;

4. right to data portability, i.e. the right to receive the Data in a structured, commonly used and readable format, as well as the right to transmit the Data to another data controller;

5. right to object, i.e. the right to object to the processing of Data if there are legitimate reasons, including processing of Data for marketing and profiling purposes, if any;

6. right to contact the competent data protection authority in case of unlawful processing of Data.

The data subject may exercise the rights listed above by writing to Stellantis Europe S.p.A., Corso Giovanni Agnelli 200 - 10135 Turin or directly on the website <https://privacyportal.fcagroup.com>. Furthermore, the data subject has the right to lodge a complaint with the competent Data Protection Authority if

he or she considers that his or her rights have been violated as a result of the processing of his or her personal data.

WARNINGS

In the event of danger (fire, visible smoke or hazardous road conditions or dangerous positions), do not wait for voice contact with the Emergency service operator, but exit from the car immediately and go to a safe place, if in a condition to do so.

Do not place network CB radios or aftermarket electrical equipment to avoid interference. Such interference could prevent the system from making the emergency call.

Ignoring system fault signals (red LED on the ceiling light and dedicated messages on the instrument panel) may mean that you cannot make an EU eCall, if necessary.

Even if the EU eCall system is fully functional, factors outside the control of the Manufacturer could interfere with or prevent operation of the EU eCall. These factors can be identified in: clogged or unavailable satellite signals, network connection, adverse weather conditions, buildings, interfering structures, tunnels, etc.



ABC

IN CASE OF ACCIDENT

(Plug-In Hybrid Q4 and Hybrid versions)

AUTOMATIC HIGH-VOLTAGE BATTERY DISCONNECTION

(Plug-In Hybrid Q4 version)

In the case of an accident, with the intervention of the fuel cut-off system and air bags, the high-voltage battery is disconnected automatically, to avoid possible fire risks that could put passengers and any other people involved in traffic and/or near the car in a dangerous condition.

To reactivate the high-voltage battery, contact an Alfa Romeo Dealership.

PRECAUTIONS IN CASE OF ACCIDENT

(Plug-In Hybrid Q4 version)

To minimise the risk of serious injury, observe the following precautions:

❑ park safely on the side of the road, apply the electric parking brake, put the transmission in P (Park) and switch off the engine

❑ **contact rescue immediately, warning that it is a electric hybrid car equipped with a high-voltage system**

❑ do not touch the high-voltage components (identified by the yellow triangular label with the symbol ⚠ or because they are connected to orange cables) or any components that came into contact with uncovered high-voltage

cables. NEVER touch exposed electric cables: danger of ELECTROCUTION

❑ if you notice any electrolyte leakage from the high-voltage battery, do not go near the car. If the electrolyte from the high-voltage battery comes into contact with the eyes or skin, blindness or skin lesions may occur. Any vapours released from the electrolyte, if inhaled, may also cause a risk of intoxication. In the case of contact with electrolyte, rinse immediately and thoroughly with water and contact a physician immediately

❑ do not go near the high-voltage battery with naked flames: danger of FIRE. In the case of a fire, move away from the area surrounding the car and call roadside assistance immediately

❑ if the car has been seriously damaged, maintain a safe distance between the car and the other cars / flammable materials

PRECAUTIONS IN CASE OF ACCIDENT

(Hybrid version)

To minimise the risk of serious injury, observe the following precautions:

❑ park safely on the side of the road, apply the electric parking brake, put the transmission in P (Park) and switch off the engine

❑ **contact roadside assistance immediately**

❑ if you notice any electrolyte leakage from the auxiliary battery, do not go near the car. If the electrolyte from the battery comes into contact with the eyes or skin, blindness or skin lesions may occur. Any vapours released from the electrolyte, if inhaled, may also cause a risk of intoxication. In the case of contact with electrolyte, rinse immediately and thoroughly with water and contact a physician immediately

❑ do not go near the auxiliary battery with naked flames: danger of FIRE. In the case of a fire, move away from the area surrounding the car and call roadside assistance immediately

❑ if the car has been seriously damaged, maintain a safe distance between the car and the other cars / flammable materials

REPLACING A BULB

FRONT AND REAR LIGHT CLUSTERS, DIRECTION INDICATORS, THIRD BRAKE LIGHT, LICENCE PLATE LIGHTS

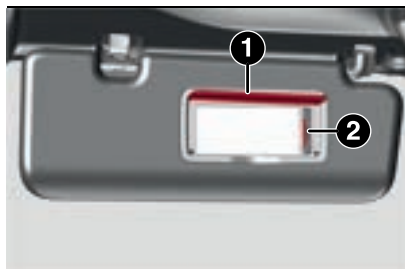


104)

WARNING When the weather is cold or damp or after heavy rain or washing, the surface of headlights or rear lights may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate an anomaly fault and does not compromise the normal operation of lighting devices. The mist disappears quickly when the lights are turned on, starting from the centre of the diffuser, extending progressively towards the edges.

REPLACING AN INTERNAL BULB

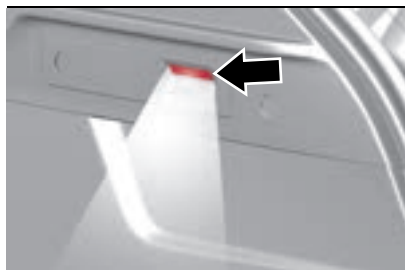
Courtesy mirror light: lift the cover (1) fig. 278 and replace the bulb (2), releasing it from the side contacts, making sure that it is correctly blocked between the contacts themselves.



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Boot ceiling light: act at the point indicated by the arrow fig. 279, remove the ceiling light and replace the lamp, making sure that it is correctly blocked between the contacts.



279

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WARNING

104) The number plate lights are of the LED-type. For bulb replacement, contact an Alfa Romeo Dealership.

FUSES



240) 241)



105)



IMPORTANT

240) Replacement of a fuse. Any service must be carried out exclusively by the Alfa Romeo Dealership or by a qualified repairer. The replacement of a fuse by a third party may cause a serious car fault.

241) Installation of electrical accessories. The vehicle's electrical circuit is designed to operate with standard or optional equipment, before installing other electrical equipment or accessories on the vehicle, contact the Alfa Romeo Dealership or a qualified repairer.



WARNING

105) The manufacturer shall not be held liable for expenses resulting from car repair or anomalies resulting from the installation of accessories not provided or recommended by the manufacturer and not installed according to specifications, in particular when the combined consumption of all additional equipment connected exceeds 10 mA.



ABC

CHANGING A WHEEL

(where provided)

 242) 243) 244) 245) 246) 247) 248) 249) 250)

JACK

Please note that:

- ☐ the jack weight is 2.8 kg
- ☐ the jack requires no adjustment
- ☐ the jack cannot be repaired; in the event of a fault it must be replaced by another original one
- ☐ no tool other than its cranking device may be fitted on the jack

Maintenance

- ☐ prevent any dirt from depositing on the "worm screw"
- ☐ keep the "worm screw" lubricated
- ☐ Never modify the jack

Conditions for non-use

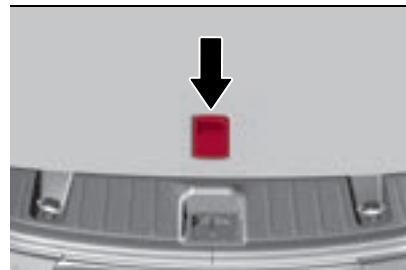
- ☐ temperatures below -40°C
- ☐ on sandy or muddy ground
- ☐ on uneven ground
- ☐ on steep roads
- ☐ in extreme weather conditions: thunderstorms, typhoons, hurricanes, blizzards, storms, etc...
- ☐ in direct contact with the engine or for repairs under the car
- ☐ on boats

WHEEL REPLACEMENT PROCEDURE

Proceed as follows:

- ☐ stop the car in a position that is not dangerous for oncoming traffic where you can change the wheel safely, as far as possible from the side of the road. The ground must be as level and compact as possible
- ☐ switch on the hazard warning lights and engage the electric parking brake
- ☐ put the transmission in P position (Park)
- ☐ switch off the engine
- ☐ make sure that any passengers get out of the car and go to a safe place where they will not obstruct traffic or be exposed to the risk of injury. In the event of a puncture, change the tyre in accordance with the laws of the country in which you are travelling
- ☐ before getting out of the car, put on the reflective safety jacket (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are travelling

The space-saver wheel (where provided) is located under the load platform in the boot. where provided, the tools are located in the tool compartment in the space-saver wheel well. To access the space-saver wheel and tool compartment, lift the load platform using the handle fig. 280.



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- ☐ open the tailgate and then remove the load platform
- ☐ remove the fixing device for the jack and the space-saver wheel (where provided). Remove the wheel locking wedge (where provided)
- ☐ remove the jack unit and the wrench for removing the fixing bolts from the space-saver wheel. Turn the screw of the jack to loosen the wrench and separate it from the jack assembly
- ☐ extract the space-saver wheel from the boot

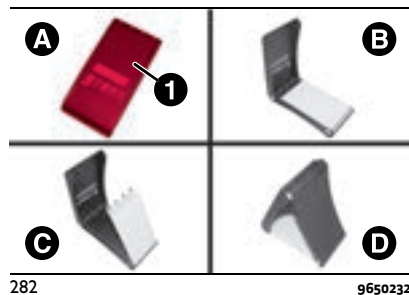
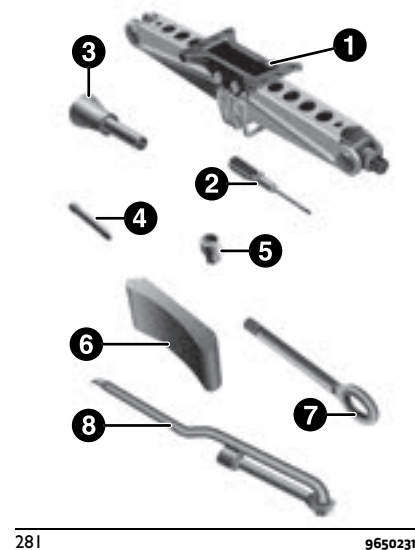
The following are inside the tool compartment under the boot fig. 281:

- ☐ 1: the jack
- ☐ 2: the screwdriver
- ☐ 3: the emergency refuelling adaptor
- ☐ 4: the wheel locating pin (where provided, to use during the space-saver wheel fitting operation)

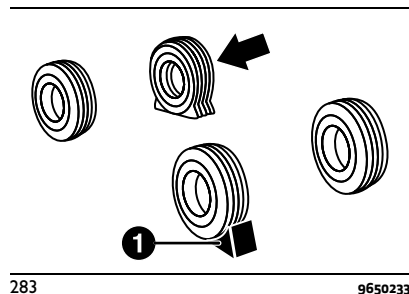
- ❑ 5: special tamper-proof nut (where provided, to be used for fitting/removing wheel studs)
- ❑ 6: a chock for locking the wheels
- ❑ 7: the tow ring
- ❑ 8: the wrench for removing/tightening the wheel fastening bolts and operating the jack

Then proceed as follows:

- ❑ should it be necessary to stop the car on a road with a gradient, especially a very steep one, or on an unstable surface, take wedge (1) (where provided) and fold it out, as shown in the diagram in fig. 282



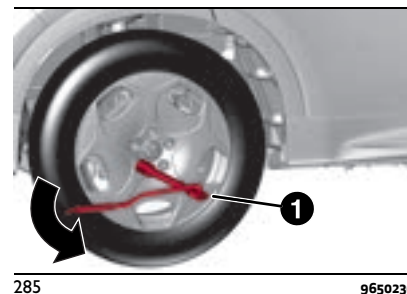
- ❑ then position the wedge (where provided) or a stone at the rear, on the wheel diagonally opposite the wheel to be replaced fig. 283 so as to prevent unwanted movement of the car when it is raised off the ground



Jack warning label



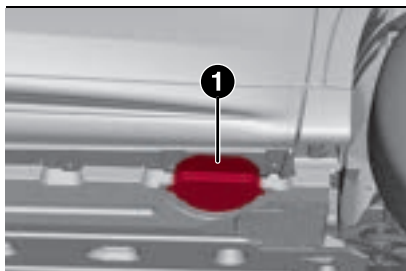
- ❑ alert any bystander that the car is about to be raised; all persons should be kept away from the car and nobody must touch it until it has been lowered. Nor should any occupant remain in the car
- ❑ if the car has alloy wheel rims, where the hub cap covers the fastening bolts, use the wrench with great care to remove the hub cap before raising the car
- ❑ before raising the car, loosen – without removing – the fastening bolts on the wheel with the flat tyre using wrench (1) fig. 285. While the tyre is still resting on the ground, you just need to turn the fixing bolts one turn anticlockwise



- ❑ before positioning the jack, take care to remove the cover in the lifting point (1) fig. 286 by acting on the fastening buttons using a special tool (screwdriver) contained in the equipment of the car. After removing the jack, be sure to reapply the cover



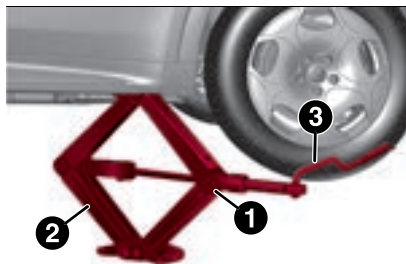
ABC



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- position the jack under the car, near the wheel to be changed fig. 287
- insert the key (3) fig. 287 on the hexagon (1) hexagon of the jack (2) and turn it clockwise until the jack bracket is firmly seated in the lifting area of the door sill (1) fig. 286
- lift the car until the wheel is a few centimetres off the ground



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- remove the fixing bolts and the tyre (for versions equipped with a hubcap, take it off after having loosened the

4 fixing bolts that attach it and then unscrew the last fixing bolt and remove the tyre)

- remove the key from the jack and insert the locating pin (where provided) in the hub cap (in the case of alloy wheel rims) to facilitate fitting of the space-saver wheel
- make sure the contact surfaces between space-saver wheel and hub are clean so that the fastening bolts will not come loose
- fit the space-saver wheel
- fit and do up the bolts, without tightening them
- if used, remove the alignment pin
- operate the jack and completely lower the car
- after removing the jack, be sure to reapply the cover (1) fig. 286
- tighten the fixing bolts, alternating from one fixing bolt to the opposite one, according to the numerical sequence illustrated in fig. 288. In the case of any doubts regarding the bolts tightening torque, contact an Alfa Romeo Dealership
- replace the jack, tools and wedge in the tool box, ensuring they are properly secured, and place the flat tyre in the boot, locking it in place



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WARNINGS

- pay close attention to passing vehicles. If you must intervene either in or near the carriageway
- pay particular attention when using the wrench to remove the wheel fastening bolts: it may have sharp edges
- raising the car any more than necessary may lower its stability. The jack may slip and injure those nearby. Do not lift the car above the height required for lifting the wheel off the ground
- tyres with unidirectional tread can be recognised by arrows on the side of the tyre which indicate the direction of rotation. It is compulsory to comply with this direction. Only in this way can the tyres maintain their characteristics in terms of grip, noise, resistance to wear and drainage on wet surfaces
- if, after a puncture, it is necessary to fit such a tyre the wrong way round, it will be necessary to continue driving with

great care, since the tyre's performance is limited in these conditions. This precaution must be borne in mind above all when the road surface is wet

- ❑ to benefit completely from the unidirectional tread, it is advisable to restore all wheels to the correct direction of rotation as soon as possible
- ❑ make sure that the space-saver wheel is mounted with the valve facing outwards. The space-saver wheel can be damaged if mounted incorrectly
- ❑ if the car has a hub cap or wheel cover, do not fit them on the space-saver spare wheel
- ❑ to prevent injury to persons, the complete tightening of the bolts must only be carried out when all of the vehicle's wheels are on the ground, to prevent the vehicle falling from the jack
- ❑ after having travelled for about 40 km, stop and check that the fastening bolts are tightened correctly

At the end of the operation

Proceed as follows:

- ❑ stow the space-saver wheel in the compartment provided in the boot
- ❑ place the jack and the other tools in the dedicated area of the boot
- ❑ correctly reposition the carpet in the luggage compartment



IMPORTANT

242) A punctured tire or jack thrown forward in a collision or hard stop, could endanger the occupants of the vehicle. For this reason, both the jack and the punctured tire should always be replaced in the appropriate compartment in the trunk.

243) It is extremely dangerous to attempt to change a wheel on the side of the car next to the driving lane: make sure that the car is at a sufficient distance from the road, to avoid being run over.

244) 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 car, especially if it is heavily laden, and wait for the wheel to be replaced away from the threat posed by the traffic. On gradients or on unsurfaced roads, chock the wheels with the wedge provided (where provided).

245) The vehicle's driving characteristics will be modified with the spare tire fitted. Avoid sudden starting or stopping, sharp or fast turns. The total life of a space-saver spare wheel is approximately 3,000 km, after which it must be replaced by another wheel of the same type. Never install a standard tire on a rim that is designed for use with a space-saver spare wheel. Have the tire repaired and refitted as soon as possible. Using two or more space-saver wheels at the same time is forbidden. Do not grease the threads of the fastening bolts before fitting them: they might slip out when driving!

246) The space-saver wheel (where provided) is specific to your car: do not use it on other models, or use the space-saver wheel of other models on your car. The space-saver wheel must only be used in the event of an emergency. Never use it for more than strictly necessary and never exceed 80 km/h. "Warning! For temporary use only! 80 km/h max!" Replace with standard wheel as soon as possible. Never remove or cover the sticker on the space-saver wheel. Never apply a wheel cap on a space-saver wheel. The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering.

247) The jack is a tool developed and designed only for changing a wheel, if a tyre gets punctured or damaged, on the car with which it is supplied or on other cars of the same model. Any other use, e.g. to jack up other vehicle models or different things, is strictly prohibited. Never use it to carry out servicing or repairs under the vehicle or to change summer/winter wheels and vice versa: we advise you to contact an Alfa Romeo Dealership. Never go under the raised car: use it only in the positions indicated. Do not use the jack for loads higher than the one shown on its label. Never start the engine with car raised. If the car is raised more than necessary, everything can become more unstable, with the risk of the car dropping violently. Therefore, only lift the car just enough to access the space-saver spare wheel (where provided).

248) When turning the jack handle make sure that it can turn freely without scraping your hand against the ground. The moving



ABC

components of the jack ("worm screw" and joints) can also cause injuries: do not touch them. If you come into contact with lubricating grease, clean yourself thoroughly.

249) The space-saver wheel (where provided) cannot be fitted with snow chains. If a front (drive) tyre is punctured and chains are needed, use a standard wheel from the rear axle and install the space-saver wheel on the rear axle. In this way, with two normal drive wheels at the front axle, it is possible to use snow chains.

250) If the hub cap (if equipped) is not fitted correctly, it may come off when the vehicle is traveling. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tire. Check tire and space-saver spare wheel pressure regularly, referring to the values shown in the "Technical Data" section.

FIX&GO KIT

(where provided)

 251) 252) 253) 254) 255) 256) 257) 258)

 106) 107)

 6)

Depending on the versions, the car may be equipped with a different Fix&Go kit (Kit OPT1 or Kit OPT2).

Preliminary operations

Proceed as follows:

- ☐ stop the car in a position that is not dangerous for oncoming traffic where you can carry out the procedure safely. The ground must be as level and compact as possible
- ☐ stop the engine, engage the hazard warning lights, apply the parking brake and put the gearshift in P
- ☐ steer the wheels completely
- ☐ in the event of a steep slope, place a wedge or stone behind the wheels
- ☐ before getting out of the car, put on the reflective safety jacket (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are travelling
- ☐ make sure that any passengers get out of the car and go to a safe place where they will not obstruct traffic or be exposed to the risk of injury. In the event of a puncture, change the tyre in

accordance with the laws of the country in which you are travelling

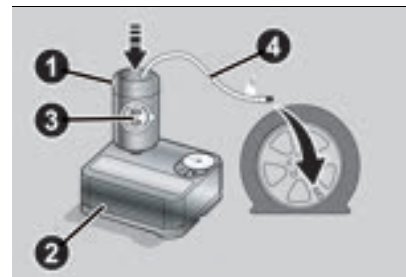
OPT1 KIT DESCRIPTION

The Fix&Go is located in the boot inside its own box.

The container is also equipped with a screwdriver, the tow ring and the funnel for refuelling in an emergency.

The Fix&Go fig. 289 includes:

- ☐ one cartridge (1) containing sealant and fitted with: transparent tube for injecting the sealant (4) and sticker (3) with the wording MAX. 80 km/h / 50 mph to be applied in a clearly visible position (e.g. on the dashboard) after repairing the tyre
- ☐ one compressor (2)
- ☐ a pair of gloves located in the hose compartment of the cartridge (4)



289

AoK1302C

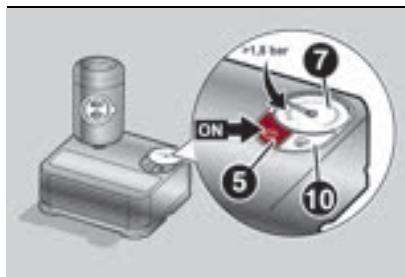
Repair procedure

Proceed as follows:

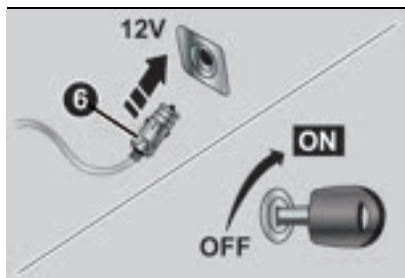
- ☐ insert the sealant cartridge (1)

AoK1306C

- Make sure that the ON/OFF button (5) fig. 291 is in the off position (button not pressed)
- ❑ plug the electrical connector (6) into the cigarette lighter socket if provided, or into the 12 V socket (located in the boot of the car) and start the engine fig. 292



AoK1304C



AOK1303C

- ❑ operate the compressor by pressing the ON/OFF button (5). When the pressure gauge (7) reaches the recommended pressure (see the “Wheels” chapter in the “Technical specifications” section) or the pressure indicated on the specific label, stop the compressor by pressing the ON/OFF button again
- ❑ disconnect the cartridge (1) fig. 293 from the compressor, by pressing

A0K1305C

Move the car by approximately 10 metres to allow the distribution of the sealant.

Restore pressure using the black inflation pipe (9) fig. 294 to reach the required pressure. Also in this case, if



ABC

the pressure is lower than 1.8 bar (26 psi) within 15 minutes from the compressor switching on, do not resume driving but contact an Alfa Romeo Dealership.



294

9650304

If the pressure shown is higher than 1.8 bar (26 psi), restore the pressure and drive safely to an Alfa Romeo Dealership as soon as possible. If the pressure is lower than 1.8 bar (26 psi), do not resume driving but contact an Alfa Romeo Dealership.



259)

Inflation procedure

Proceed as follows:

- stop the car safely, as described above, and engage the electric parking brake
- extract the black inflation tube and screw it firmly onto the tyre valve. Then follow the instructions below. Press the air release button to adjust any

excessive tyre pressure (see "Repair procedure" paragraph)

Cartridge replacement

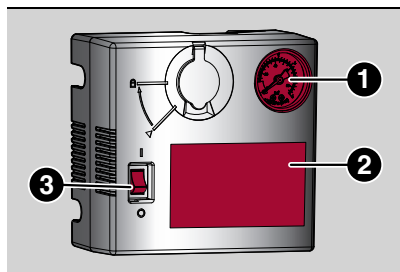
Proceed as follows:

- Only use original cartridges which can be purchased at an Alfa Romeo Dealership
- to remove the cartridge, press the release button and lift it (see description above)

OPT2 KIT DESCRIPTION



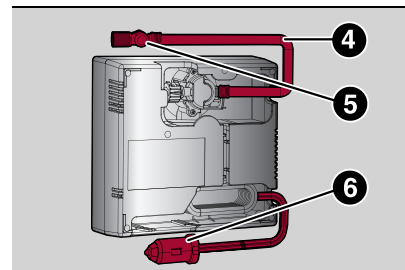
260) 261) 262) 263)



295

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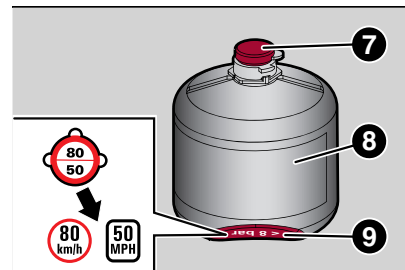
- (1) Pressure gauge
- (2) Instruction label
- (3) On/Off button



296

9650402

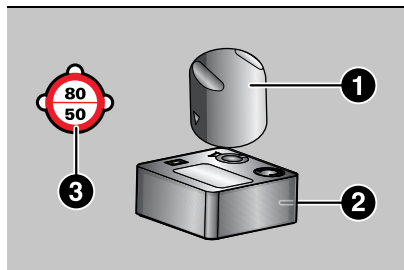
- (4) Air pipe
- (5) Deflation button
- (6) Power supply cable / 12V plug



297

9650403

- (7) Cap for the sealant bottle
- (8) Sealant bottle and expiry date
- (9) Speed label

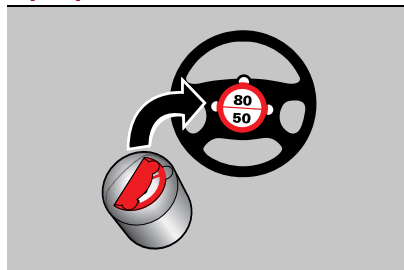


298

9650404

The quick tyre repair kit fig. 298 is located in the boot or in the toolbox and consists of a compressor (2) and a cartridge containing sealing fluid (1) and an adhesive sticker (3) with the wording "Max km 80Km/h", which is to be placed in a clearly visible position (e.g. instrument panel) after the tyre repair.

Repair procedure

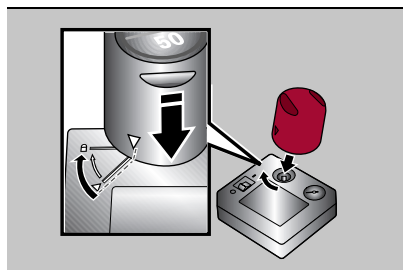


299

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Proceed as follows:

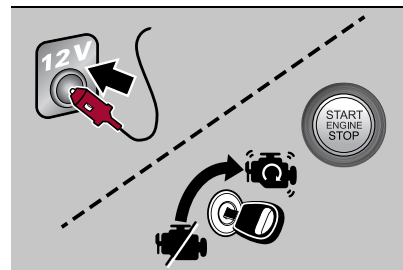
- ❑ take the kit, detach the speed limit sticker (9) fig. 297 and apply it in a clearly visible position fig. 299



300

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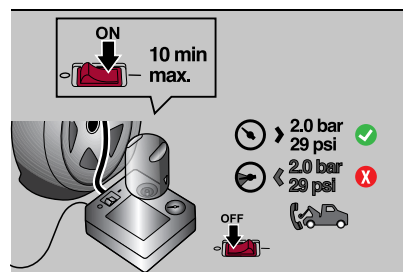
- ❑ open the cap on the compressor, engage the cartridge and turn a quarter turn clockwise, fig. 300
- ❑ remove the cap from the tyre valve and screw the black compressor tube onto the valve
- ❑ ensure that the ON/OFF switch is in the "0" (off) position



301

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- ❑ plug the electrical connector fig. 301 into the cigarette lighter socket if provided, or into the 12 V socket (located in the boot of the car) and start the engine



302

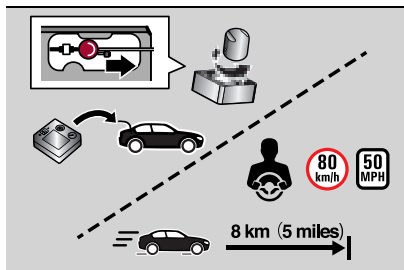
9650408

- ❑ move the ON/OFF switch fig. 302 to the "I" (on) position to start the compressor
- ❑ when the pressure gauge indicates the prescribed pressure indicated in the "Wheels" chapter, "Technical Data"



ABC

section or on the label, move the ON/OFF switch to the "0" (off) position to stop the compressor.

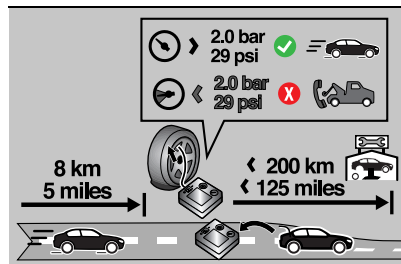


303

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If the pressure gauge fig. 303 indicates a pressure lower than 2 bar / 29 psi 10 minutes after starting the compressor, switch off the compressor, disconnect the black tube of the compressor from the tyre valve and undo the cartridge from the compressor turning it by one quarter of a turn anticlockwise and lift it. Move the car by approximately 10 metres to allow the distribution of the sealant.

Stop the engine, turn on the hazard warning lights; stop the car safely, apply the parking brake; put the transmission in P and leave the wheels steered; if there is a steep slope, place a wedge or rock behind the wheels and restore the prescribed pressure using the black compressor hose fig. 303.



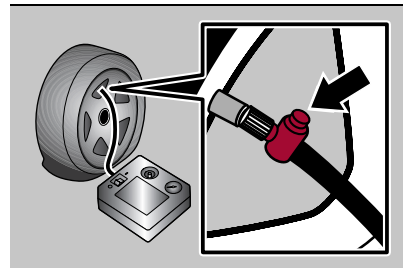
304

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After driving about 8 km / 5 miles, park the car in a safe and convenient area, stop the engine, turn on the hazard warning lights, apply the parking brake; put the transmission in P and leave the wheels steered. In the event of a steep slope, place a wedge or stone behind the wheels.

Take the compressor and restore the pressure using the black inflation tube. If the pressure shown is higher than 2 bar / 29 psi, restore the pressure and drive safely to an Alfa Romeo Dealership as soon as possible. If the pressure is lower than 2 bar / 29 psi, do not resume driving but contact an Alfa Romeo Dealership.

Pressure relief valve



305

9650411

If the tyre pressure is higher than expected, it is possible, after switching off the compressor, to lower it by means of the button located next to the black tube connection.



IMPORTANT

251) IMPORTANT: Do not exceed 80 km/h. Avoid sudden acceleration or braking. The kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. Before using the kit, ensure that the tyre isn't excessively damaged and that the rim is in good condition, otherwise do not use it and call roadside assistance. Do not remove foreign bodies from the tyre.

252) Punctures on the sides of the tyre may not be repaired. Do not attempt to use the Fix&Go kit if the tyre was damaged as a result of being used when underinflated.

253) Wear the protective gloves provided with the Fix&Go kit.

254) Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the Fix&Go kit.

255) Repairs are not possible in the case of damage to the wheel rim (bad groove distortion causing air loss). Do not remove the foreign body (screws or nails) from the tyre.

256) 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 expiration date. Replace the bottle if the sealant has expired.

257) The Fix&Go kit is not suitable for definitive repairs, so the repaired tyres may only be used temporarily. The Fix&Go kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible.

258) Alert other drivers that the car is stationary in compliance with local regulations: hazard warning lights, warning triangle, etc. Any passengers on board should leave the car, especially if it is heavily laden. Passengers should stay away from on-coming traffic while the wheel is being changed. On gradients or on

unsurfaced roads, chock the wheels with the wedge provided.

259) If the pressure falls below 1.8 bar, do not drive any further: the Fix&Go kit cannot guarantee proper seal because the tyre is too damaged. Contact an Alfa Romeo Dealership.

260) Carefully read the cartridge label before use and avoid improper use. The kit should be used by adults and cannot be used by children.

261) Do not let the compressor turned on for longer than 10 consecutive minutes - overheating hazard

262) Use the kit only in case of a punctured tyre.

263) If the valve is positioned at 12 o'clock, turn the tyre forwards or backwards by a quarter of a turn.



WARNING

106) The sealant fluid is effective with external temperatures from -30°C to +50°C. The sealant fluid has an expiry date and must be replaced periodically. It is possible to repair tyres with damage on the tread up to a maximum diameter of 6 mm. Show the cartridge and the label to the personnel charged with handling the tyre treated with the tyre repair kit.

107) The surface of the tube may be hot.



WARNING

6) Dispose of the bottle and the sealant liquid properly. Have them disposed of in compliance with national and local regulations.

JUMP STARTING

If the conventional battery is flat, jump starting can be performed using cables and the battery of another car, or using a booster battery with equal or slightly higher capacity than the discharged one.

For the Plug-In Hybrid Q4 version: If both the traditional battery and the high-voltage battery are flat, charge the traditional battery first, in order to start the system and allow the heat engine to start in order to move the car. We suggest then, to also charge the high-voltage battery.



108)

WARNINGS

When a booster battery is used, comply with the use and precaution instructions specified by the producer.

Do not use the booster battery or any other source of external supply with a voltage above 12 V: the conventional battery, the starter (where provided), the alternator (where provided) and the



ABC

electrical system of the vehicle could be damaged.

Do not attempt jump starting if the conventional battery is frozen. The battery could break and explode!

JUMP STARTING

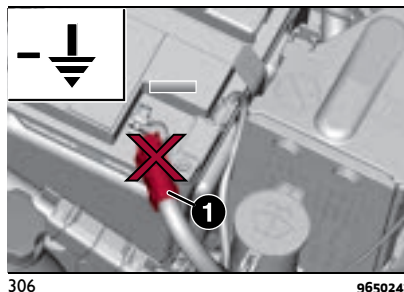
 264) 265) 266) 267)

 109) 110)

When jump starting, never connect the negative cable (-) of the auxiliary battery to the negative pole (1) fig. 306 of the conventional car 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.

WARNING Avoid contact between the two vehicles since this could cause a connection to earth and may result in serious injury to any people nearby.

WARNING After setting the ignition device to STOP and closing the driver's door, wait at least two minutes before disconnecting the electrical supply from the conventional battery. When reconnecting the electrical supply to the conventional battery, make sure that the ignition device is in the STOP position and the driver's door is closed.



306

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307

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FLAT CONVENTIONAL BATTERY

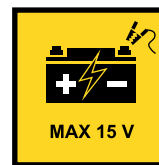
(Plug-In Hybrid Q4 version)

If the conventional battery of the car is flat, it can be jump started or a portable booster can be used with nominal voltage of 12V.

When using a portable booster with a nominal voltage of 12V/24V, make sure that the selector is correctly positioned on 12V.

Pay attention to the dedicated label, fig. 308, located on the cover of the conventional battery.

WARNING In case of jump starting, do NOT apply a voltage higher than 15V under any circumstances in case of jump starting. If both the low-voltage battery and the high-voltage battery are flat, charge the low-voltage battery first, in order to start the system and allow the heat engine to start in order to move the car. We suggest then, to also charge the high-voltage battery.



308

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PROCEDURE FOR JUMP STARTING

(excluded hybrid versions)

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 cars. Carefully follow the instructions given below.

Cable connection

Proceed as follows to carry out a jump starting:

- ❑ engage the parking brake
- ❑ move the transmission to position N and the ignition device to STOP

WARNING With a fully discharged conventional battery, if the transmission is in P (Park), it cannot be disengaged, nor can the electric parking brake (EPB). Therefore, to move the car, it must be towed with all four wheels off the ground.

- ❑ switch off the additional heater (for versions/markets, where provided), the Alfa Connect with Navigator / Alfa Connect system and all unnecessary electrical accessories
- ❑ remove the protective cover over the battery's positive (+) pole
- ❑ connect one end of the cable used for positive (+) to the positive terminal (+) of the car with flat conventional battery
- ❑ connect the other end of the cable used for positive (+) to the positive terminal (+) of the supplementary battery
- ❑ connect one end of the cable used for negative (-) to the negative terminal (-) of the supplementary battery
- ❑ connect the other end of the cable used for negative (-) to an engine earth ⚡ (the visible metal part of the car engine

with flat conventional battery) far from the conventional battery and the fuel injection system

- ❑ start the vehicle engine with the supplementary battery, let it idle for a few minutes. Start the engine of the car with flat conventional battery

Cable disconnection

Once the engine has been started, remove the cables proceeding as follows:

- ❑ disconnect the end of the cable used for negative (-) from the engine earth of the vehicle with flat conventional battery
- ❑ disconnect the other end of the cable used for negative (-) from the negative terminal (-) of the supplementary battery
- ❑ disconnect the end of the cable used for positive (+) from the positive terminal (+) of the supplementary battery
- ❑ disconnect one end of the cable used for positive (+) from the positive terminal (+) of the car with flat conventional battery
- ❑ reinstall the protective cover on the battery's positive (+) pole

If after a few attempts the engine does not start, do not persist but contact a dedicated Alfa Romeo Dealership.

If jump starting is often necessary, have the conventional battery and the recharging system checked by an Alfa Romeo Dealership.

BUMP STARTING

Never, under any circumstances, jump start the engine by pushing, towing or coasting downhill.



IMPORTANT

264) 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.

265) Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.

266) 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.

267) Do not attempt jump starting if the conventional battery is frozen. It may break or explode during operation.



WARNING

108) 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.

109) Do not connect the cable to the negative terminal (-) of the flat conventional battery. The following spark could lead to battery explosion and cause serious harm. Only use the specific earth



ABC

point; do not use any other exposed metallic part.

110) Do not bypass the battery fuses as this could lead to blown fuses and damage to the electronic systems of the car. Connect the positive terminal cable of the auxiliary battery only to the positive terminal of the conventional battery.

FUEL CUT-OFF SYSTEM



268)

This intervenes in the case of a collision causing:

- ❑ the interruption of the fuel supply with the engine consequently cutting out
- ❑ the automatic unlocking of the doors
- ❑ turning on the lights inside the car
- ❑ deactivation of climate control system ventilation
- ❑ automatic disconnection of the auxiliary battery (where provided) from the electrical system
- ❑ switching on the emergency lights (to disable the lights, run the “reset” procedure as shown below)

WARNING Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. After a collision, turn the ignition device to STOP to prevent the battery from running down.

WARNING The auxiliary battery can only be reconnected to the electrical system by an Alfa Romeo Dealership.

Reset procedure

Depending on the type and severity of the event, the Reset procedure can be performed by turning the starter from the STOP position to START. If the engine does not start after performing the Reset procedure, the car should be towed to the nearest Alfa Romeo Dealership for inspection and restoration of the fuel cut-off system.



IMPORTANT

268) If, after an impact, you smell fuel or notice leaks from the fuel system, do not reactivate the system to avoid the risk of fire.

HEAT ENGINE OVERHEATING

By travelling on roads as those described below, and in particular weather conditions that may cause engine overheating, proceed as follows:

❑ **driving on extra-urban roads:** reduce speed

❑ **driving on urban roads (with traffic):** with car at a standstill, engage neutral and keep engine speed at idling. Potential signs of engine overheating:

- ❑ the engine coolant temperature indicator is close to the “H” value
- ❑ strong smell of engine coolant
- ❑ white smoke coming from the exhaust pipe and/or the engine
- ❑ bubbles are present in the engine coolant tank

WARNING An overheated cooling system can damage the car. In the case of overheating, pull over and stop the car. Keep the heat engine at idling speed with air conditioning off until the temperature decreases. If temperature does not decrease, contact an Alfa Romeo Dealership as soon as possible. Some further measures to overcome exceptional engine overheating are reported below:

- ❑ if the air conditioner is on, turn it off. The air conditioning system contributes

to overheating of the engine cooling system

❑ adjust passenger compartment heating to the maximum, by turning air distribution toward the floor or outside the car, if external weather conditions allow for open side windows; then activate the fan at maximum speed. In this way the heater will operate as an additional radiator, contributing to dissipate the heat from the engine cooling system

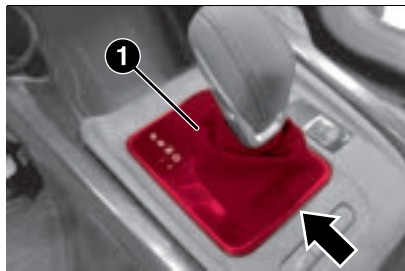
WARNING Coolant (antifreeze) exiting from the engine or vapour exiting from the radiator can cause serious burns. If vapour is seen or heard coming from the engine compartment, do not open the bonnet until the radiator has had enough time to cool down. Never try to remove the cap when the radiator is hot.

AUTOMATIC TRANSMISSION LEVER RELEASE

(for versions/markets where provided - excluding Hybrid version)

In the event of a failure, to move the gear lever from P (Park), proceed as follows:

- ❑ stop the engine and apply the electric parking brake
- ❑ working carefully in the point indicated by the arrow fig. 309 remove the transmission trim (complete with gear lever gaiter) lifting it upwards (1)



309

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- ❑ fully press the brake pedal and hold it down
- ❑ press the button with the screwdriver provided (2) fig. 310



310

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- ❑ move the gear lever to N (Neutral)
- ❑ refit the gear lever panel and gaiter correctly
- ❑ start the engine



ABC

TOWING A BROKEN-DOWN CAR

The procedures for towing a broken-down car with a tow truck are described below.

It is recommended to tow the car with all four wheels lifted from the ground on the platform of a roadside assistance car.

| | | FRONT WHEEL
DRIVE (FWD) | ALL-WHEEL DRIVE
(AWD) | ELECTRIFIED
FRONT-WHEEL
DRIVE (Hybrid
version) | ELECTRIFIED
ALL-WHEEL DRIVE
(eAWD) (Plug-In
Hybrid Q4 version) |
|---|------------------------------|---|--|---|---|
| TOWING CONDITION | WHEELS LIFTED
FROM GROUND | DUAL CLUTCH
AUTOMATIC
TRANSMISSION ^(*) | AUTOMATIC
TRANSMISSION ^(*) | ELECTRIFIED DUAL
CLUTCH AUTOMATIC
TRANSMISSION ^(**) | AUTOMATIC
TRANSMISSION ^(*) |
| Towing on level
ground | NONE | NOT PERMITTED | NOT PERMITTED | If the transmission is
operating correctly,
put it in N.
The car can be towed
for 100 metres at a
maximum speed of 10
Km/h. | NOT PERMITTED |
| | REAR | NOT PERMITTED | NOT PERMITTED | NOT PERMITTED | NOT PERMITTED |
| Wheel lifting or
towing on a trailer | FRONT | Towing with both
front wheels off
the ground is only
permitted for short
distances (approx. 15
km) and at reduced
speed (max. 25 km/h). | NOT PERMITTED | Towing with both
front wheels off
the ground is only
permitted for short
distances (approx. 15
km) and at reduced
speed (max. 25 km/h). | Towing with both front
wheels off the ground
is only permitted
for short distances
(approx. 15 km) and at
reduced speed (max. 25
km/h). |

| | | FRONT WHEEL
DRIVE (FWD) | ALL-WHEEL DRIVE
(AWD) | ELECTRIFIED
FRONT-WHEEL
DRIVE (Hybrid
version) | ELECTRIFIED
ALL-WHEEL DRIVE
(eAWD) (Plug-In
Hybrid Q4 version) |
|--|--|----------------------------|--------------------------|---|---|
|--|--|----------------------------|--------------------------|---|---|

**Car on the platform of
a roadside assistance
car**

ALL

BEST METHOD

PERMITTED
METHOD

PERMITTED
METHOD

PERMITTED METHOD

(*) WARNING (excluding Hybrid/Rotary Control versions) If the transmission cannot be put in neutral (N), do not tow the car and contact an Alfa Romeo Dealership. If the automatic transmission gear lever is locked in "Park" (P), release it before starting to tow the car.

(**) WARNING (Hybrid/Rotary Control versions) If the electrified dual clutch automatic transmission cannot be put in neutral (N), tow the car with the front wheels raised to avoid damaging the transmission. If the car is towed, if the transmission is NOT in neutral (N) and if "N" is not shown on the instrument panel display, the car can be seriously damaged.



ABC

WARNING If a car is towed without complying with the requirements in the table, the transmission and/or the transfer unit might be seriously damaged. Damage due to incorrect towing is not covered by warranty.

WARNING A suitable towing or lifting equipment is necessary for towing, in order to avoid damage to the car.

WARNING Only use suitable tow bars and other equipment, following the equipment manufacturer's instructions. Connect the tow bars or other tow equipment to the main structural components of the car and not to the bumper or other related brackets.

WARNING Comply with the regulations regarding vehicle towing in force in each country.

WARNING Do not tow using lifting harnesses. When securing the car to a row truck, do not attach to front or rear suspension components. Damage to your car may result from improper towing.

TOWING THE CAR

To tow the car, refer to the "Towing a broken-down car" chapter in this section.

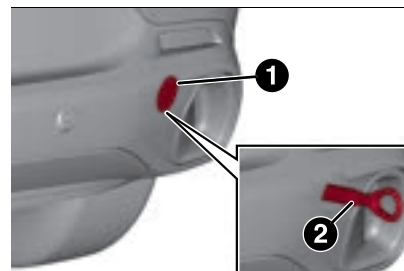
ATTACHING THE TOW RING

 269) 270) 271)

The tow ring provided with the car is located in the tool box inside the boot.

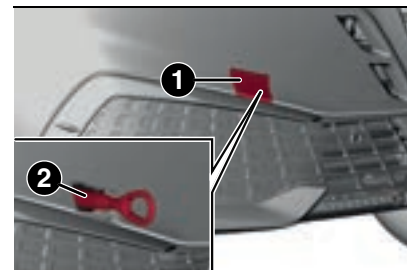
Rear

Detach the cap (1) fig. 311 by pressing on the upper part, take tow ring (2) from its housing in the tool support and screw it in fully on the front threaded pin.



Front

Remove cap (1) fig. 312, take tow ring (2) from its housing in the tool support and tighten it securely on the rear threaded pin.



312

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IMPORTANT

269) Before towing, move the ignition device to **ENGINE** and then to **STOP**, without opening the door.

270) 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 vehicle. Before tightening the ring, clean the threaded housing thoroughly. Make sure that the ring is fully screwed into the housing before towing the car.

271) The front and rear tow hooks should be used only for emergencies on the road. You are allowed to tow the vehicle for short

distances using an appropriate device in accordance with the highway code (a rigid bar), to move the vehicle on the road in readiness for towing or transporting via a breakdown vehicle. Tow rings MUST NOT be used to tow vehicles 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 centre line.



ABC

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SERVICING AND MAINTENANCE

| | |
|---|-----|
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| CHARGING THE CONVENTIONAL BATTERY | 300 |
| SERVICING PROCEDURES | 301 |
| RAISING THE CAR | 305 |
| WHEELS AND TYRES | 306 |
| CAR INACTIVITY | 307 |
| BODYWORK | 307 |
| INTERIOR | 310 |

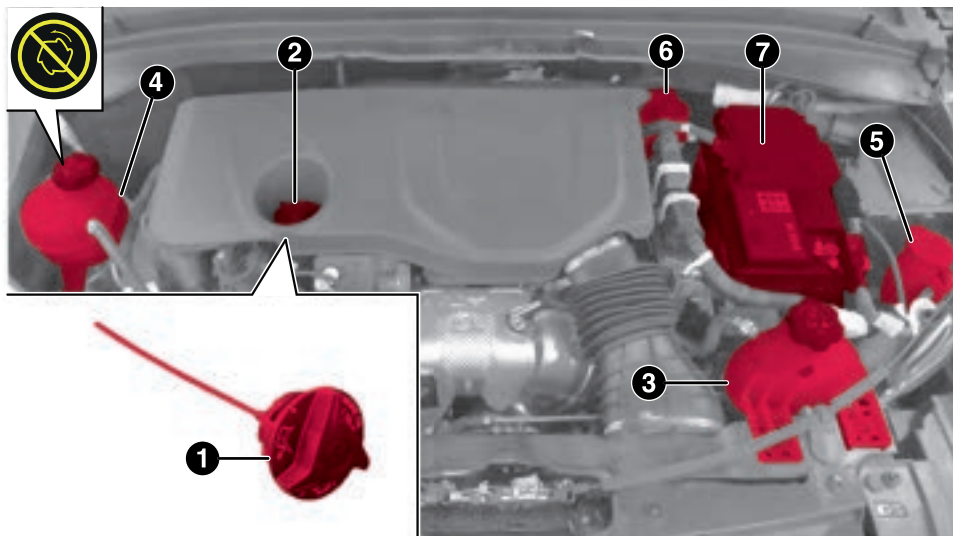
Proper maintenance allows car performance to be maintained over time, operating costs to be contained, and safety system performance to be safeguarded. This section explains how.

ENGINE COMPARTMENT

CHECKING LEVELS

⚠ 272) 273) 274) 275) 276) ⚠ 111)

1.3 270HP Plug-In Hybrid Q4 version



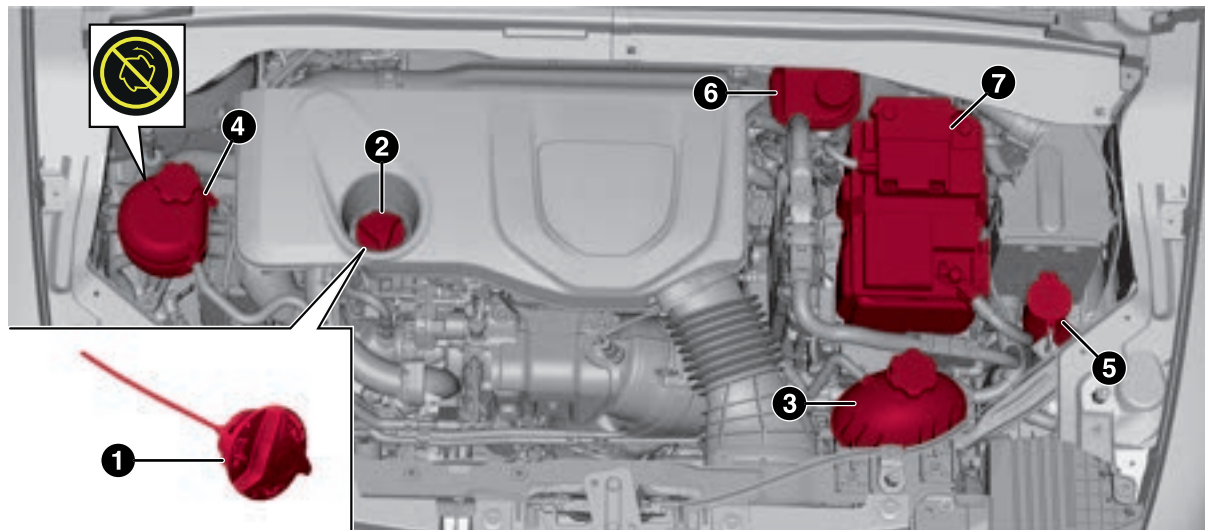
313

9650237

1. Engine oil level dipstick 2. Engine oil cap/filler 3. Heat engine coolant 4. High-voltage system coolant 5. Windscreen/rear window washer fluid 6. Brake fluid 7. Low-voltage battery(12V)

NOTE The cooling tank of the high-voltage system cannot be refilled by the driver. To top up the fluid, contact an Alfa Romeo Dealership.

1.5 175 HP Hybrid version



314

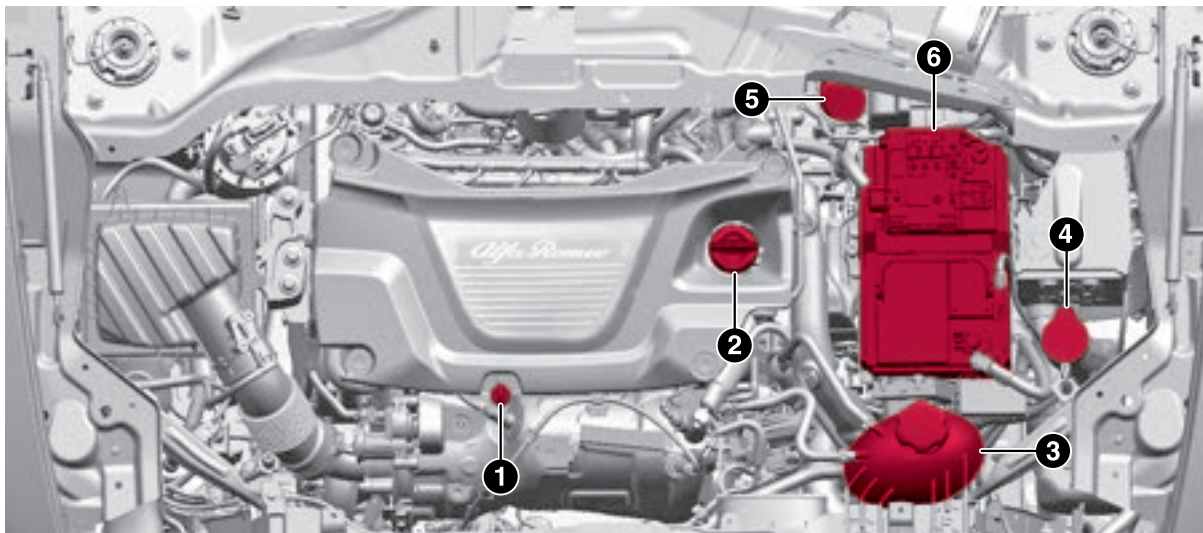
9650242

1. Engine oil level dipstick 2. Engine oil cap/filler 3. Heat engine coolant 4. Hybrid system low temperature circuit coolant 5. Windscreen/rear window washer fluid 6. Brake fluid 7. Low-voltage battery(12V)

NOTE The coolant tank of the 48V auxiliary battery system voltage system cannot be refilled by the driver. To top up the fluid, contact an Alfa Romeo Dealership.



ABC

1.6 16V Multijet 130 HP version

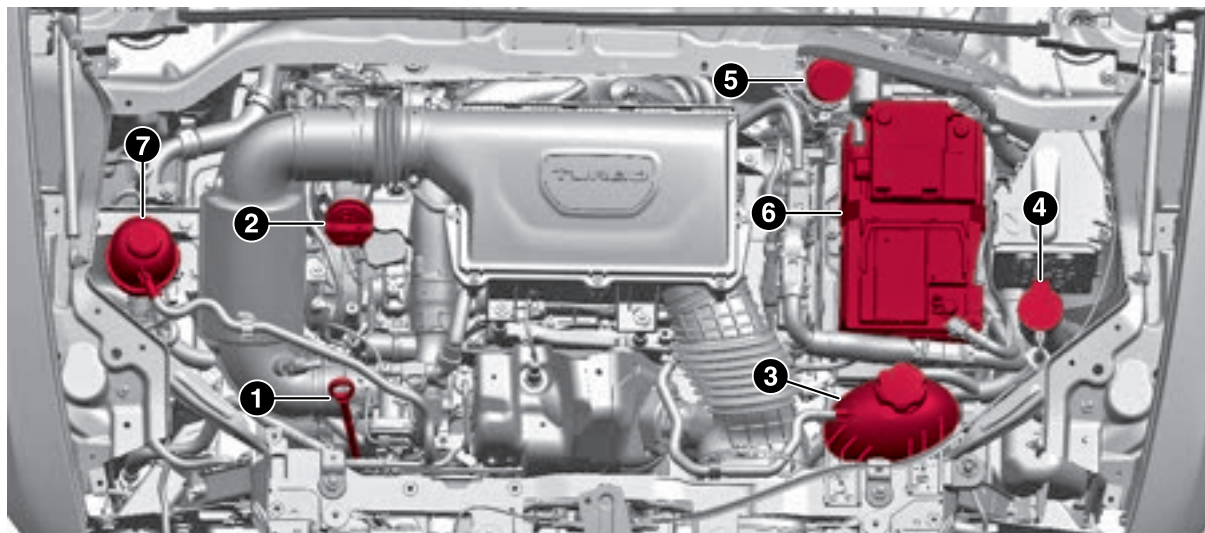
315

9650412

1. Engine oil level dipstick 2. Engine oil cap/filler 3. Engine coolant 4. Windscreen/rear window washer fluid 5. Brake fluid 6. Low-voltage battery(12V)

2.0 T4 272 HP version

(for versions/markets, where provided)



316

9650413

1. Engine oil level dipstick 2. Engine oil cap/filler 3. Engine coolant 4. Windscreen/rear window washer fluid 5. Brake fluid 6. Battery 7. Intercooler engine coolant



IMPORTANT

272) Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.

273) Be very careful when working in the engine compartment when the engine is hot: you may get burned. 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.



ABC

274) When working in the engine compartment pay special attention to mechanical components that can move suddenly, pressurized or very hot liquids and live electrical parts.

275) NEVER touch the high-voltage system components (identified by the orange colour), as this could result in serious injury or death from electric shock.

276) Do not pour water or any other type of liquid onto the high voltage system components inside the engine compartment. Risk of death by electric shock and/or damage to the system.



WARNING

111) Be careful not to confuse the various types of fluids while topping up: they are not compatible with one another! Topping up with an unsuitable fluid could severely damage your vehicle.

ENGINE OIL



Check that the oil level is between the MIN and MAX references on the dipstick (1). If the level of the oil is close to or below the MIN mark, add oil via the filler fitting (2) until the MAX mark is reached.

1.3 / 1.5 versions

The engine oil level dipstick (1) is integral with the cap (2). Unscrew the cap, clean the dipstick with a lint-free cloth, reinsert the dipstick and screw the cap back on.

Unscrew the plug again and check that the engine oil level is between the MIN and MAX marks on the dipstick.

When the operation is complete, screw in the cap/dipstick correctly.

Insertion of engine oil cap/dipstick (1.3 versions)

(for versions/markets where provided)

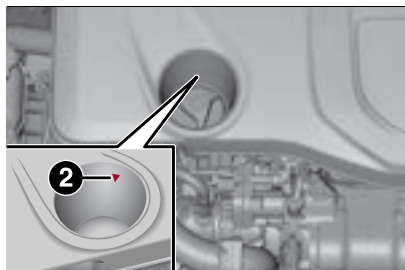
To reinsert the engine oil cap/dipstick correctly, proceed as follows:

- insert the cap/dipstick in position, aligning the mark (1) fig. 317 on the cap/dipstick with the mark (2) fig. 318 on the engine cover (for versions/markets where provided)
- screw in the cap/dipstick correctly



317

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318

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1.6 16V Multijet and 2.0 T4 272 HP versions

Take out the engine oil dipstick (1), clean it with a lint-free cloth and reinsert it. Extract it again and check that the engine oil level is between the MIN and MAX marks on the dipstick.

Engine oil consumption



The maximum engine oil consumption is usually 400 grams every 1000 km. During the initial period of use the engine oil consumption conditions should be considered as having stabilised after the first 5000 - 6000 km.

HEAT ENGINE COOLANT



If the level is too low, unscrew the cap (3) of the reservoir and add the fluid described in the "Refilling" chapter in the "Technical Specifications" section.

For 2.0 T4 272 HP versions:

- undo the tank cap with the engine coolant level control rod
- clean the dipstick with a lint-free cloth, reinsert the dipstick and without screwing the cap back on
- remove cap again and check that the liquid level is between the MIN and MAX marks on the dipstick



ABC

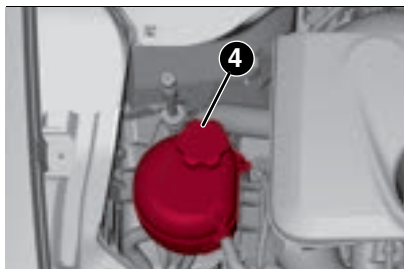
AUXILIARY BATTERY COOLING SYSTEM FLUID

(Hybrid version)

The level of the auxiliary battery system coolant must be checked when the engine is cold and must be between the MIN and MAX marks on the reservoir (4) fig. 319.

If the level is below the MIN level, go to an Alfa Romeo Dealership.

Do not attempt to open the cap fig. 320 yourself to avoid burns and/or damage to the cooling system and electronic components. Topping up and filling operations must be carried out by qualified personnel at an Alfa Romeo Dealership using the appropriate equipment for vacuum filling.



319

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320

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WINDSCREEN/REAR WINDOW WASHER FLUID

 279) 280)

If the level is low, lift the cap (4) of the reservoir and add the fluid described in the "Refilling" chapter of the "Technical Specifications" section.

BRAKE FLUID

 281) 282)  115)

Check that the fluid is at the max. level. If the fluid level in the reservoir is low, unscrew the cap (5) of the reservoir and add the fluid described in the "Refilling" chapter of the "Technical Specifications" section.

DUAL CLUTCH AUTOMATIC TRANSMISSION/ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION ACTIVATION SYSTEM OIL

 8)

The transmission control oil level should only be checked at an Alfa Romeo Dealership.

CONVENTIONAL BATTERY

 283) 284) 285) 286)  116)  9)

The conventional battery does not require topping up the electrolyte with distilled water.

A periodic check carried out at an Alfa Romeo Dealership is, however, necessary to check efficiency.

Replacing the conventional battery

If necessary, replace the conventional battery with another original battery with the same specifications. Follow the conventional battery manufacturer's instructions for maintenance.

WARNING After replacing the battery, it is necessary to initialise the power steering: refer to what is described in the "Power steering" chapter in the "Starting and driving" section.

USEFUL ADVICE FOR EXTENDING THE LIFE OF THE CONVENTIONAL BATTERY

To avoid draining your conventional battery and make it last longer, observe the following instructions:

☐ when you park the car, ensure that the

doors, tailgate and bonnet are closed properly, to prevent any ceiling lights from remaining on inside the passenger compartment

❑ switch off all ceiling 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. Alfa Connect with Navigator / Alfa 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 cable from the negative conventional battery terminal. 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 an Alfa Romeo Dealership, whose qualified staff will evaluate the overall electrical consumption

WARNING The steering must be initialised after the battery is disconnected. The  warning light on the instrument panel switches on to indicate this (see dedicated paragraph in the "Power Steering" chapter in the "Starting and driving" section).

WARNING If the state of charge remains under 50% for a long time, the conventional battery is damaged by sulphation, reducing its capability and efficiency when starting. The battery is also more prone to the risk of freezing (at temperatures of -10 °C/14 °F). Refer to the "Car inactivity" chapter this section if the car is left parked for a long time.

CLIMATE CONTROL SYSTEM MAINTENANCE

In winter, the climate control system must be turned on at least once a month for about 10 minutes. Have the system inspected at an Alfa Romeo Dealership before the summer.



IMPORTANT

277) 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!

278) 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.

279) Do not travel with the windscreen washer fluid reservoir empty: the windscreen washer is essential for improving visibility. Repeated operation of

the system without fluid could damage or cause rapid deterioration of some system components.

280) Some commercial additives for windscreen washer fluid are flammable. The engine compartment contains hot components which may start a fire.

281) Brake fluid is poisonous and highly corrosive. In the event of accidental contact, immediately wash the affected parts with water and mild soap. Then rinse thoroughly. Call a doctor immediately if swallowed.

282) The symbol , on the brake fluid container indicates if a brake fluid is synthetic or mineral-based. Use of mineral type fluids will damage the special rubber seals of the braking system beyond repair.

283) The conventional battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep open flames away from the conventional battery and do not use objects that might create sparks: risk of explosion and fire.

284) Using the conventional battery with insufficient battery fluid may irreparably damage the battery and may cause an explosion.

285) If the car must remain unused for a long time at a very low temperature, remove the conventional battery and take it to a warm place, to avoid freezing.

286) Always wear appropriate goggles to protect your eyes when working on or near the conventional battery.



ABC

**WARNING**

112) The oil level must never exceed the MAX mark.

113) Always top up using engine oil of the same specifications as that already in the engine.

114) PARAFLU^{UP} anti-freeze fluid is used in the engine cooling system; use the same fluid type as that already in the cooling system when topping up. PARAFLU^{UP} may not be mixed with other types of anti-freeze fluids. In the event of topping up with an unsuitable product, under no circumstances start the engine and contact an Alfa Romeo Dealership.

115) Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.

116) Incorrect installation of electric and electronic devices may cause severe damage to your car. After purchasing your car, if you wish to install any accessories (e.g. anti-theft, radio phone, etc.), go to an Alfa Romeo Dealership, which will suggest the most suitable devices and advise you whether a higher capacity conventional battery needs to be installed.

**WARNING**

7) 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 an Alfa Romeo Dealership.

8) Used transmission oil contains substances that may be dangerous for the environment. You are advised to contact an Alfa Romeo Dealership for oil changes.

9) Batteries contain substances which are very harmful for the environment. For conventional battery replacement, contact an Alfa Romeo Dealership.

CHARGING THE CONVENTIONAL BATTERY

WARNINGS

WARNING After setting the ignition device to STOP and closing the driver's door, wait at least two minutes before disconnecting the electrical supply from the conventional battery. When reconnecting the electrical supply to the conventional battery, make sure that the ignition device is in the STOP position and the driver's door is closed.

WARNING Charging should be slow at a low ampere rating for approximately 24 hours. Regardless of the duration of the operation, it is always recommended to disconnect the conventional battery from the device as soon as charging is complete to avoid potential damage.

WARNING The cables of the electrical system must be correctly reconnected to the conventional battery, i.e. the positive cable (+) to the positive terminal and

the negative cable (-) to the negative terminal.

The conventional battery terminals are marked with the positive (+) and negative (-) terminal symbols, and are shown on the cover of the battery itself.

The battery terminals must also be corrosion-free and firmly secured to the terminals. If a "quick-type" conventional battery charger is used with the battery fitted on the car, before connecting it disconnect both cables of the conventional battery itself. Do not use a "quick-type" battery charger to provide the starting voltage. When using a portable booster with a nominal voltage of 12V/24V, make sure that the selector is correctly positioned on 12 Volt.

VERSIONS WITHOUT START&STOP SYSTEM (where provided)

To charge, proceed as follows:

- ❑ disconnect the terminal from the negative conventional battery pole
- ❑ connect the charger cables to the conventional battery terminals, observing the polarity
- ❑ turn on the battery charger
- ❑ when it is recharged, turn the charger off before disconnecting it from the conventional battery
- ❑ reconnect the terminal to the negative conventional battery pole

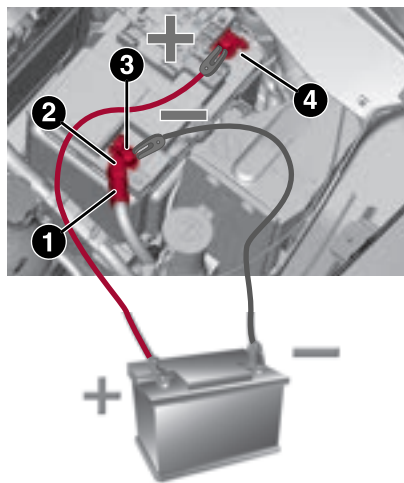
VERSIONS WITH START&STOP SYSTEM (where provided) AND HYBRID

To charge, proceed as follows:

- ❑ disconnect the connector (1) fig. 321 by pressing the button (2) from the sensor (3) monitoring the status of the conventional battery, on the negative (-) pole of the conventional battery
- ❑ connect the positive cable (+) of the conventional battery charger to the positive conventional battery terminal (4) and the negative cable (-) to sensor terminal (3) as shown fig. 321
- ❑ turn on the battery charger. At the end of the charging procedure, switch the battery charger off
- ❑ after having disconnected the battery charger, reconnect connector (1) to the sensor (3) as shown in fig. 321

321

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SERVICING PROCEDURES

 117) 118) 119)

ENGINE OIL

Engine oil level check

 120)

To ensure correct engine lubrication, the oil must always be kept at the prescribed level (see the "Engine Compartment" chapter in this section).

ENGINE OIL FILTER

Replacing the engine oil filter

The engine oil filter must be replaced each time the engine oil is changed. It is advisable to replace it with a genuine spare part, specifically designed for this car.

AIR CLEANER

 287)

Replacing the air cleaner

It is advisable to replace it with a genuine spare part, specifically designed for this car.

AIR CONDITIONING SYSTEM MAINTENANCE

 121) 122)

To ensure the best possible performance, the air conditioning system must be checked and undergo maintenance at an Alfa Romeo



ABC

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.

Replace the pollen filter (where provided)

For cleaner replacement, contact an Alfa Romeo Dealership.

DIESEL FILTER (Diesel versions)

For cleaner replacement, contact an Alfa Romeo Dealership.

LUBRICATING MOVING PARTS OF THE BODYWORK

Ensure that the locks and bodywork junction points, including components such as the seat guides, door hinges (and rollers), tailgate and bonnet are periodically lubricated with lithium-based grease to ensure correct, silent operation and to protect them from rust and wear.

Also pay particular attention to the bonnet closing devices, to ensure correct operation.

WINDSCREEN WIPER/REAR WINDOW WIPER

Periodically clean the glass of the windscreen and heated rear window and rubber profile of the windscreen/rear

window wiper blades, using a sponge or a soft cloth and a non-abrasive detergent. This eliminates the salt or impurities accumulated when driving.

Prolonged operation of the windscreen/rear window wipers with dry glass may cause the deterioration of the blades, in addition to abrasion of the surface of the glass.

In the event of very low outdoor temperatures, below zero degrees, ensure that the movement of the rubber part in contact with the glass is not obstructed.

Use a suitable deicing product to release it if required.

Avoid using the windscreen wipers to remove frost or ice.

Also avoid contact of the rubber profile of the blades with petroleum derivatives such as engine oil, petrol, etc.

WARNING It is advisable to replace the wiper blades about once a year. When the blades are worn, noise, marks on the glass or streaks of water may be noticed.

WARNING Driving with worn windscreen/rear window wiper blades is a serious risk, because visibility is reduced in bad weather.

Raising the windscreen wiper blades ("Service position" function)

The "Service position" function allows the driver to replace the windscreen

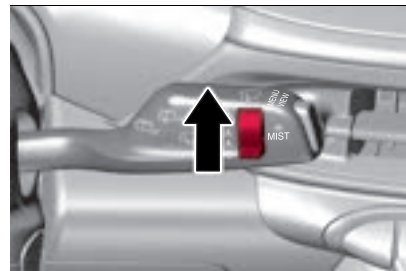
wiper blades more easily, protecting them from ice and/or snow.

Activation of the function

To activate this function, deactivate the windscreen wiper (stalk fig. 322 in position **O**) before setting the ignition device to STOP.

This function can only be activated within 2 minutes of setting the ignition device to STOP, with the blades turned correctly in the parking position.

To activate this function, move the lever upwards (unstable position) for at least half a second.



322

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Function deactivation

The function is deactivated if:

- ☐ 2 minutes have passed since the ignition device was set to STOP
- ☐ the ignition device is switched to ENGINE and the blades are in the rest position; the blades will only be returned to the rest position following a lever

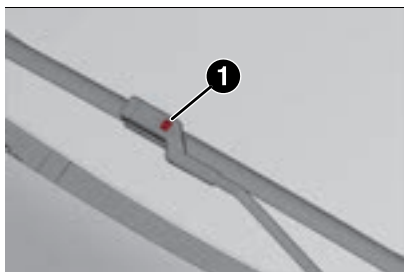
command (movement of the lever upwards, in an unstable position) or when the speed of 5 km/h is exceeded

❑ the command for the function is repeated four times

Replacing the windscreen wiper blades

Proceed as follows:

- ❑ raise the wiper arm, press tab (1) fig. 323 of the attachment spring and remove the blade from the arm
- ❑ fit the new blade, inserting the tab into the specific slot in the arm, making sure that it is locked
- ❑ lower the wiper arm onto the windscreen



323

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WARNING Do not operate the windscreen wiper with the blades lifted from the windscreen.

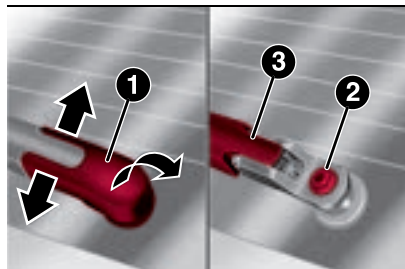
Replacing the rear window wiper blade

Proceed as follows:

- ❑ lift the cover (1) fig. 324, undo the nut

(2) and remove the arm (3)

- ❑ correctly position the new arm, fully tighten the nut (2) then lower the cover (1)



324

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WARNING Do not operate the rear window wiper with the blade lifted from the rear window.

Windscreen / rear window washer

If there is no jet of fluid, firstly check that there is fluid in the windscreen washer reservoir (see the "Engine compartment" chapter in this section).

Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.

WARNING In versions with sun roof, make sure that the roof is closed before operating the windscreen washer nozzles.

EXHAUST SYSTEM

 288) 289)

 123)

Adequate maintenance of the engine exhaust system represents the best protection against leaks of carbon monoxide into the passenger compartment.

COOLING SYSTEM

Coolant (antifreeze) exiting from the engine or vapour exiting from the radiator can cause serious burns.

If vapour is seen coming from the engine compartment, or its hissing is heard, do not open the bonnet until the radiator has cooled.

WARNING Never attempt to remove the cap with radiator or expansion tank hot: DANGER OF SCALDING!

Engine coolant check

Check the engine coolant level every year (preferably before the start of the winter).

WARNING Before removing the engine coolant reservoir cap, wait for the system to cool down.

Topping up / draining / flushing the engine coolant

If the engine coolant (antifreeze) is dirty, have cleaning and flushing carried out at an Alfa Romeo Dealership.



ABC

Engine cooling system radiator cap

The cap must be completely closed to prevent engine coolant leaks and ensure that the fluid returns to the radiator from the expansion tank.

Important notes

- ❑ never add coolant with the engine hot or overheated
- ❑ do not attempt to cool an overheated engine by loosening or removing the cap. The heat causes a considerable increase in pressure in the cooling system
- ❑ use only the radiator cap for the car to prevent damage to the engine

Disposal of used engine coolant

Disposal of engine coolant is subject to legal requirements: contact the appropriate body to determine local regulations.

BRAKING SYSTEM

The guarantee the efficiency of the braking system, periodically check its components: for this operation, contact an Alfa Romeo Dealership.

WARNING Driving with the pedal resting on the brake pedal may compromise its efficiency, increasing the risk of accidents. While driving, never keep your foot on the brake pedal and do not put unnecessary strain on it to prevent the brakes from overheating: excess pad

wear may cause damage to the braking system.

WARNING In the event of topping up, use only new brake fluid or fluid stored in a completely closed container. Brake fluid stored in an open container absorbs moisture: this may cause unexpected boiling of the fluid in sudden and prolonged braking, resulting in a sudden brake failure. This may cause accidents.

WARNING Excess brake fluid in the reservoir may cause it to escape onto hot parts of the engine with corresponding risk of fire. The brake fluid may also damage painted surfaces and plastic parts, so pay particular attention.

AUTOMATIC TRANSMISSION / DUAL CLUTCH AUTOMATIC TRANSMISSION / ELECTRIFIED AUTOMATIC DUAL CLUTCH TRANSMISSION



Special additives

Do not use any type of additive with the automatic transmission/dual clutch automatic transmission fluid.

Avoid the use of transmission sealers, since they may compromise the efficiency of the automatic transmission seals.

WARNING Do not use chemicals to flush the transmission, since this may damage its components.

Frequency of oil changes

(excluded Hybrid version)

In normal car operating conditions, it is not necessary to change the transmission fluid.

If fluid leaks are noticed or irregular operation of the transmission is detected, have it checked immediately at an Alfa Romeo Dealership.

WARNING Driving the car with an insufficient oil level may cause serious damage to the transmission.



IMPORTANT

287) 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.

288) 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.

289) 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.



WARNING

117) 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 an Alfa Romeo Dealership.

118) 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.

119) It is recommended to have the car serviced by an 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.

120) 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.

121) 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.

122) 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 an Alfa Romeo Dealership.

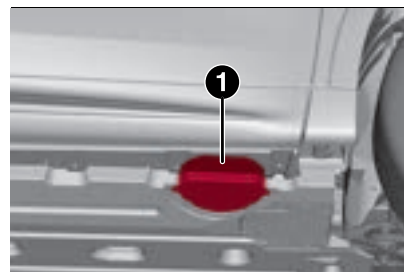
123) Vehicles equipped with catalytic converter must be fuelled only with unleaded petrol. Leaded petrol would permanently damage the catalytic converter and eliminate its ability to reduce polluting emissions, seriously compromising the engine performance, which would be irreparably damaged. If the engine does not work correctly, especially if it starts irregularly or if there is a reduction of its performance, immediately go to an 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 car.

124) Using transmission fluid different from that approved may compromise the quality of gear changes and/or cause vibration of the transmission.

RAISING THE CAR

If the car needs to be jacked up, go to an Alfa Romeo Dealership which is equipped with shop jacks or jack arms.

To gain access to the lifting points, remove the covers (1) fig. 325 by acting on the fastening buttons using a special tool (screwdriver) provided in the equipment of the car. When the lifting operation is complete, make sure to reapply the covers.



325

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ABC

WHEELS AND TYRES

GENERAL INFORMATION



290) 291)

Take the following precautions to prevent damage to the tyres:

- ❑ avoid braking suddenly, racing starts and violent impact against the curb, potholes, 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 tyre tread wear
- ❑ change the position of the tyres every 10000/15000 kilometres, keeping them on the same side of the car to avoid inverting the rotation direction
- ❑ tyres age even if they are not used much. In any event, have the tyres checked by specialised technicians if they have been fitted for longer than 6 years. Also remember to check the space-saver spare wheel with particular care
- ❑ if a tyre is changed also change the inflation valve

SNOW CHAINS



125)

Versions with heat engine and hybrid

The use of 7 mm snow chains is allowed on 215/60 R17 and 235/50 R18 tyres (for versions/markets, where provided).

Chains cannot be fitted on 235/45 R19 and 235/40 R20 tyres.

Plug-In Hybrid Q4 version

215/60 R17 96H tyres can be fitted with 7 mm snow chains. The snow chains may be applied only to the front wheel tyres. For driving with snow chains fitted, the “Natural” driving mode must be set and the gearbox set to manual sequential mode (“Autostick”) to ensure traction on the front wheels.

Important notes

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) are considered as winter equipment; therefore their use is equivalent to that of the snow chains.

The snow chains may be applied only to the front 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 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.

SUGGESTIONS ABOUT THE ROTATION OF THE TYRES



292) 293) 126) 127)

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.

To resolve this problem, tyres should be rotated at the appropriate time.

In the case of irregular wear of the tyres, the reason must be identified and corrected before rotating them.



IMPORTANT

290) The road holding qualities of the car also depend on the correct inflation pressure of the tyres.

291) Travelling with partially or completely deflated tyres can cause safety problems and irremediably damage the tyre.

292) In the case of “one-way” types, always take care not to fit the tyres with a direction of rotation that is opposite to that indicated: you would risk losing grip and control of the vehicle.

293) Do not switch tyres from the right-hand side of the car to the left-hand side, and vice versa.



WARNING

125) Keep your speed down when snow chains are fitted; do not exceed 50 km/h (or the equivalent in miles). Avoid potholes, do not drive over steps or pavements and do not drive long distances over roads without snow, to avoid damaging both your vehicle and the road surface.

126) If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.

127) Never submit alloy rims to repainting treatments requiring the use of temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.

CAR INACTIVITY

If the car is left inactive for longer than a month, the following precautions should be observed:

- ❑ park the car in covered, dry and if possible well-ventilated premises and slightly open the windows;
- ❑ check that the electric parking brake is not activated;
- ❑ disconnect the negative battery terminal and check the battery charge. Repeat this check once every three months during storage;
- ❑ if the battery is not disconnected from the electrical system, check its state of charge every thirty days;

❑ **Plug-In Hybrid Q4 version:** If the car is stopped for several weeks, park the car with the high-voltage battery charged more than 50%. If over-discharged, the high-voltage battery may be damaged. An Alfa Romeo Dealership can provide further advice on what to do if the car should be stopped for more than three

❑ **Hybrid versions:** park the car with the auxiliary lithium battery fully charged

❑ clean and protect the painted parts using protective wax;

❑ clean and protect the shiny metal parts using special compounds available commercially;

❑ sprinkle talcum powder on the windscreen and rear window wiper rubber blades and lift them off the glass;

❑ cover the car with a fabric or perforated plastic sheet, paying particular care not to damage the painted surface by dragging any dust that may have accumulated on it. Do not use compact plastic sheets which do not allow humidity to evaporate from the surface of the car;

❑ inflate tyres to +0.5 bar above the standard prescribed pressure and check it periodically;

❑ do not drain the engine cooling system;

❑ any time the car is left inactive for two weeks or more, operate the air conditioning system with engine idling for at least 5 minutes, setting external

air and with fan set to maximum speed. This operation will ensure appropriate lubrication for the system, thus minimising the possibility of damage to the compressor when the system is operated again.

WARNING After setting the ignition device to STOP and having closed the driver side door, wait at least one minute before disconnecting the electrical supply from the battery. When reconnecting the electrical supply to the battery, make sure that the ignition device is in the STOP position and the driver's door is closed.

BODYWORK

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  **128)** **129)**  **10)**

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.



ABC

For example, it is advisable to wash the car more often in areas with high levels of atmospheric pollution or salted roads.

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 40 cm from the bodywork to avoid damage or alteration. Build up of water could cause damage to the car in the long term
- ❑ wet the bodywork with a low-pressure water jet
- ❑ 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

Versions with matt paintwork

(where provided)

Some parts of the car are painted with a matt paintwork which requires special care for its preservation. ⚠ 130)

WASHING THE CAR

Versions with stickers

(where provided)

To correctly wash the car, follow these instructions:

- ❑ avoid washing with rollers and/or brushes in washing stations. Wash the car by hand only, using pH-neutral detergents. Dry it with a damp chamois

leather. Abrasive products and/or polishes should not be used for cleaning the car

- ❑ if high pressure jets or cleaners are used to wash the car, keep a distance of at least 40 cm from the bodywork to avoid damage or alteration. Build up of water could cause damage to the car in the long term
- ❑ wet the bodywork with a low-pressure water jet
- ❑ 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. The car should not be taken to a closed area immediately, but left outside so that residual water can evaporate.

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.

ENGINE COMPARTMENT WASHING



131)

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.

Plug-In Hybrid Q4 and Hybrid versions

It is not recommended to wash the engine compartment with water.

WARNINGS

Avoid parking under trees; the resin dropped by trees makes the paintwork go opaque and increases the possibility of corrosion.

Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

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.

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 20 cm away from the headlights.

Engine compartment

At the end of every winter, wash the engine compartment thoroughly, taking care not to aim the jet of water directly at the electronic control units or at the windscreen wiper motors. Have this operation performed at a specialised workshop.

WARNING The washing should take place with the engine cold and the ignition device in the STOP position. After the washing operation, make sure that the various protections (e.g. rubber caps and guards) have not been removed or damaged.

UNDERBODY WASHING

(Plug-In Hybrid Q4 and Hybrid versions)
If it is necessary to wash the underbody, do not directly pressurise with a high-pressure jet.

EXTERNAL CAR WASHING

(Plug-In Hybrid Q4 version)

Washing with the hybrid system charge flap closed

The hybrid system is safe, even if the

following situations occur:

- ❑ presence of water in the foot area
- ❑ when the car is in water at a level that allows it to cross a ford
- ❑ liquids entering the boot



PAINTING

(Plug-In Hybrid Q4 and Hybrid versions)

When painting the car in the oven, take care not to exceed:

- ❑ 30 minutes at 70°C
- ❑ 20 minutes at 80°C



WARNING

128) In order to preserve the appearance of the paint abrasive products and/or polishes should not be used for cleaning the car.

129) 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.

130) 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.

131) 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.

132) If it is necessary to wash the vehicle from the outside, take care not to insist



ABC

directly with the water jet onto the charging flap of the hybrid system.



WARNING

10) Detergents pollute the water. Only wash your vehicle in areas equipped to collect and treat waste water from this type of activity.

INTERIOR



294) 295) 296) 297)

Periodically check the cleanliness of the interior, beneath the mats, which could cause oxidation of the sheet metal.

SEATS AND FABRIC PARTS

Use a specific product to clean carpets and fabric upholstery.

Remove dust with a soft brush or a vacuum cleaner.

It is advisable to use a moist brush on velvet upholstery. Rub the seats using a soft microfibre cloth moistened with a solution of water and neutral detergent.

Cleaning heat press images on seats

(where provided)

Due to the colour, opacity and wear-resistant protection with which the heat press 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 chamois leather 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.

SEAT BELTS MAINTENANCE

Do not bleach, dye or clean seat belts with chemical solvents or abrasive cleaners to avoid damaging the fabric. If necessary, clean using a neutral soap solution or warm water. Do not remove the belts from the car to wash them. Dry with a soft cloth.

PLASTIC AND COATED PARTS



133)

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)



134)

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

LEATHER AND SOFT TOUCH PARTS

(where provided)

To clean these components, use a soft microfibre cloth moistened with a solution of water and neutral detergent.

Before using a specific product for cleaning interiors, make sure that it does not contain alcohol and/or alcohol-based substances or solvents.

CARBON FIBRE PARTS

To eliminate small scratches and marks on the carbon, contact an Alfa Romeo Dealership Authorized Point. An improperly performed operation may irreparably damage the carbon.



IMPORTANT

294) *Never 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.*

295) *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.*

296) *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.*



WARNING

297) *Do not use aggressive organic substance such as: petrol, kerosene, oil, acetone or solvents.*

133) *Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.*

134) *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.*



ABC

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Everything you may find useful for understanding how your vehicle is made and works is contained in this section 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.

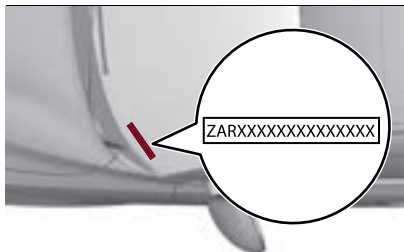
TECHNICAL SPECIFICATIONS

| | |
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| ENGINE | 315 |
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IDENTIFICATION DATA

VEHICLE IDENTIFICATION NUMBER

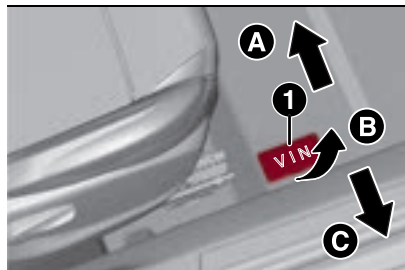
The chassis number (VIN) is stamped under the windscreen fig. 326 and on a plate located on the passenger compartment floor, next to the right front seat fig. 327.



326

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To open the flap (1) fig. 327, push it towards the central tunnel in the direction indicated by the arrow (A), then to access it slide it as indicated in the figure in the direction indicated by the arrow (B). To close the flap (1) push it towards the passenger side door in the direction indicated by the arrow (C).



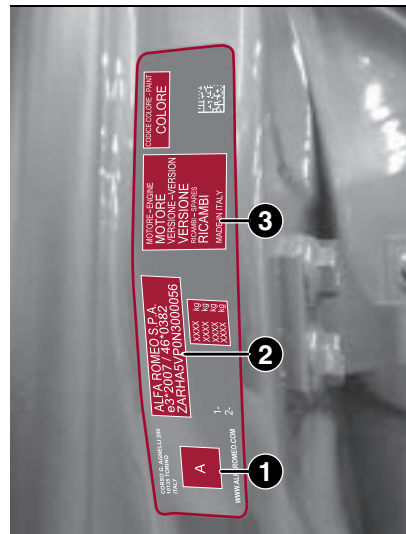
327

9650338

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

The plate is located on the left side front door pillar fig. 328 and shows the data about:

- 1: correct value of smoke coefficient (for Diesel engines)
- 2: name of the manufacturer, vehicle type-approval number, vehicle identification number, max. permitted weights
- 3: engine identification, type variant version, spare part number, colour code, additional information



ENGINE

HEAT ENGINE (PLUG-IN HYBRID Q4 VERSION)

| Version | 1.3 270 HP (*) |
|----------------------------------|--|
| Engine code | 46337540 |
| Cycle | Otto |
| Number and position of cylinders | 4 in line |
| Piston bore and stroke (mm) | 70 x 86.5 |
| Total displacement (cm³) | 1332 |
| Compression ratio | 10.5 +/- 0.2 |
| Maximum power (CEE) (kW) | 132 |
| Maximum power (CEE) (HP) | 180 |
| corresponding engine speed (rpm) | 5750 |
| Maximum torque (CEE) (Nm) | 270 |
| Maximum torque (CEE) (kgm) | 27.5 |
| corresponding engine speed (rpm) | 1850 |
| Spark plugs | NGK ILKFR7A8 |
| Fuel | Unleaded petrol 95 R.O.N. (EN228 specifications) |

(*) Combined power of the system considering the rear electric motor capable of outputting a peak power up to 122 HP



ABC

REAR ELECTRIC MOTOR (PLUG-IN HYBRID Q4 VERSION)

| | Features |
|-----------------------|--|
| Technology | Three-phase "induction" electric motor |
| Continuous power (kW) | 44 (*) |
| Maximum torque (Nm) | 250 |

(*) The peak power that the electric motor can supply an instantaneous power up to 90kW, depending on various factors such as the state of charge of the high-voltage battery and the environmental conditions.

HEAT ENGINE (HYBRID VERSION)

| Version | 1.5 175 HP |
|----------------------------------|--|
| Engine code | 46347696 |
| Cycle | Otto |
| Number and position of cylinders | 4 in line |
| Piston bore and stroke (mm) | 71.2 x 92.2 |
| Total displacement (cm³) | 1469 |
| Compression ratio | 12.5:1 |
| Maximum power (CEE) (kW) | 118 |
| Maximum power (CEE) (HP) | 160 |
| corresponding engine speed (rpm) | 5750 |
| Maximum torque (CEE) (Nm) | 240 |
| Maximum torque (CEE) (kgm) | 24.4 |
| corresponding engine speed (rpm) | 1500 |
| Spark plugs | NGK ILKFR7A8 |
| Fuel | Unleaded petrol 95 R.O.N. (EN228 specifications) |



ABC

“e-machine” ELECTRIC MOTOR (HYBRID VERSION)

| | Features |
|---------------------|--|
| Technology | Synchronous electric motor with 48V double three-phase winding |
| Maximum power (kW) | 15 |
| Maximum torque (Nm) | 55 |

HEAT ENGINE

| Versions | 2.0 T4 272 HP (*) | 1.6 16V Multijet 130 HP |
|----------------------------------|--|---|
| Type code | 50057184 | 46346020 |
| Cycle | Otto | Diesel |
| Number and position of cylinders | 4 in line | 4 in line |
| Piston bore and stroke (mm) | 84 x 90 | 79.5 x 80.5 |
| Total displacement (cm³) | 1995 | 1598 |
| Compression ratio | 10 : 1 | 15.7 |
| Maximum power (CEE) (kW) | 200 | 96 |
| Maximum power (CEE) (HP) | 272 | 130 |
| corresponding engine speed (rpm) | 5200 | 3750 |
| Maximum torque (CEE) (Nm) | 400 | 320 |
| Maximum torque (CEE) (kgm) | 40.8 | 32.6 |
| corresponding engine speed (rpm) | 3000 | 1500 |
| Spark plugs | NGK ILKFR7A8 | - |
| Fuel | Unleaded petrol 95 R.O.N. (EN228 specifications) | Diesel for motor vehicles (EN590 Specification) |

(*) (for versions/markets, where provided)



ABC

HYBRID SYSTEM BATTERY

HIGH-VOLTAGE BATTERY (PLUG-IN HYBRID Q4 VERSION)

| Features | |
|-----------------------|--------------|
| Battery type | Lithium ions |
| Voltage (Volts) | 304 |
| Energy capacity (kWh) | 15.5 |

AUXILIARY BATTERY (HYBRID VERSION)

| Features | |
|-------------------------|--------------|
| Battery type | Lithium ions |
| Voltage (Volts) | 48 |
| Energy capacity (Wh/Ah) | 770 / 17.5 |

TRANSMISSION

VERSIONS WITH AUTOMATIC TRANSMISSION

| Versions | Transmission | Traction |
|---------------------------|--|--|
| 1.3 270 HP (*) | Automatic transmission with six forward gears plus reverse | Integral Electrified (Front drive Heat engine + electric motor rear) |
| 2.0 T4 272 HP (**) | Nine forward gears plus reverse | All-Wheel Drive (AWD) |

(*) Plug-In Hybrid Q4 version

(**) For versions/markets, where provided

VERSIONS WITH DUAL CLUTCH AUTOMATIC TRANSMISSION

| Versions | Transmission | Traction |
|--------------------------------|--|----------|
| 1.6 16V Multijet 130 HP | Automatic transmission with six forward gears plus reverse | Front |

VERSIONS WITH ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION

| Versions | Transmission | Traction |
|--------------------------|-----------------------------------|--|
| 1.5 175 HP Hybrid | Seven forward speeds plus reverse | Electrified Front (Heat engine and electric motor coupled on the front axle) |

NOTE An electric motor ("e-machine") is integrated in the electrified dual clutch automatic transmission.



ABC

WHEELS

RIMS AND WHEELS



Alloy or pressed steel wheels (heat engine versions only). 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.

CORRECT READING OF THE TYRE

Example fig. 329: 215/65 R17 96V

215 Nominal width (S, distance in mm between sides)

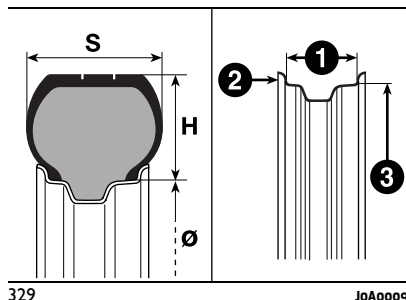
65 Height/width ratio (H/S), expressed as a percentage

R Radial tyre

17 Rim diameter in inches (Ø)

96 Load rating (capacity)

V Maximum speed rating



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

QM+S up to 160 km/h

TM+S up to 190 km/h

HM+S up to 210 km/h

| Load index (capacity) | |
|-----------------------|--------------------|
| 60 = 250 kg | 80 = 450 kg |
| 61 = 257 kg | 81 = 462 kg |

| Load index (capacity) | |
|-----------------------|--------------------|
| 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 |
| 78 = 425 kg | 98 = 750 kg |
| 79 = 437 kg | |

CORRECT READING OF THE RIM CODE

Example fig. 329: 7J x 17 H2 ET 37

7 width of the rim in inches (1).

J rim drop centre outline (side projection where the tyre bead rests) (2).

17 fitting diameter in inches (corresponds to the diameter of the tyre to 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 37: wheel compensation (distance between the disc/rim supporting plane and the wheel rim centre line).

RIM PROTECTOR TYRES



330

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IMPORTANT

298) *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.*

299) *DO NOT fit wheel hub caps when using integral hub caps fixed (with springs) to the steel rim and after sale tyres provided with Rim Protector. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.*



ABC

RIMS AND TYRES PROVIDED

| Versions | Rims | Tyres | Snow tyres |
|--|-----------------|--------------------------|---------------------------|
| 1.3 270 HP (*) | 7J X 17 ET37 | 215/60 R17 96 V | 215/60 R17 96 H (M+S) |
| | 7.5J X 18 ET37 | 235/50 R18 97 V/101 V XL | 235/50 R18 101 XL H (M+S) |
| | 8J X 19 ET37 | 235/45 R19 99 V XL | 235/45 R19 99 H (M+S) |
| | 8J X 20 ET37 | 235/40 R20 96 V XL | 235/40 R20 96 V (M+S) |
| 1.5 175 HP (**)
1.6 16V Multijet 130 HP | 7J X 17 ET37 | 215/60 R17 96 V | 215/60 R17 96 H (M+S) |
| | 7.5J X 18 ET37 | 235/50 R18 97 V/101 V XL | 235/50 R18 97 H (M+S) |
| | 8J X 19 ET37 | 235/45 R19 99 V XL | 235/45 R19 99 H (M+S) |
| | 8J x 20 ET37 | 235/40 R20 96 V XL | 235/40 R20 96 V (M+S) |
| 2.0 T4 272 HP (***) | 7J X 17 ET37 | 215/60 R17 96 V | 215/60 R17 96 H (M+S) |
| | 7.5J X 18 ET37 | 235/50 R18 97 V/101 V XL | 235/50 R18 97 H (M+S) |
| | 8J X 19 ET37 | 235/45 R19 99 V XL | 235/45 R19 99 H (M+S) |
| | 8J x 20 ET37 | 235/40 R20 96 V XL | 235/40 R20 96 V (M+S) |
| Space-saver wheel (****) | 5.5 B X 17 ET31 | T 165/80 R17 104 | |

(*) Plug-In Hybrid Q4 version

(**) Hybrid version

(***) For versions/markets, where provided

(****) Where provided

COLD TYRE INFLATION PRESSURE

When the tyres are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure. However, recheck the correct value when the tyre is cold. With snow tires, add +0.2 bar to the pressure value prescribed for standard tires.

| Tyres | Unladen/medium load | | Full load | | Space-saver wheel (*) |
|-------------------------------|---------------------|------|-----------|------|-----------------------|
| | Front | Rear | Front | Rear | |
| 215/60 R17 96 V | 2.4 | 2.2 | 2.7 | 2.5 | 4.2 |
| 215/60 R17 96 V (**) | 2.4 | 2.4 | 2.8 | 2.8 | |
| 235/50 R18 97 V/101 V XL | 2.4 | 2.2 | 2.7 | 2.5 | |
| 235/50 R18 97 V/101 V XL (**) | 2.4 | 2.4 | 2.8 | 2.8 | |
| 235/45 R19 99 V XL | 2.4 | 2.2 | 2.7 | 2.5 | |
| 235/45 R19 99 V XL (**) | 2.4 | 2.4 | 2.8 | 2.8 | |
| 235/40 R20 96V XL | 2.4 | 2.2 | 2.9 | 2.7 | |
| 235/40 R20 96V XL (**) | 2.5 | 2.5 | 3.0 | 3.0 | |

(*) For versions/markets, where provided

(**) Plug-In Hybrid Q4 version

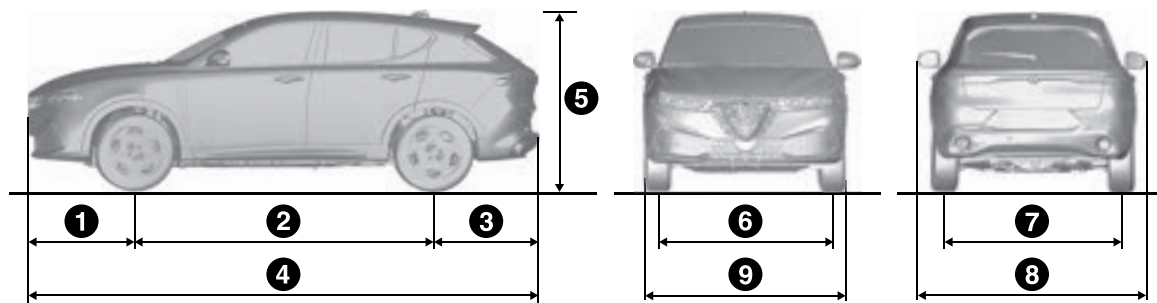
NOTE After using the spare wheel in an emergency, where necessary, align the pressure of the wheel to the recommended value as soon as possible, with reference to the following table



ABC

DIMENSIONS

Dimensions are expressed in mm and refer to the car equipped with its original tyres. Height is measured with car unladen.



331

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-----|------|-----|------|--|---|---|------|------|
| 950 | 2635 | 942 | 4527 | (*) 1613-1622 (°)
(**) 1598-1606 (°)
(***) 1595-1602 (°)
(****) 1649-1657 (°) | (*) 1579-1580 (°)
(**) 1583-1584 (°)
(***) 1584-1585 (°)
(****) 1574 | (*) 1572-1574 (°)
(**) 1575-1577 (°)
(***) 1575-1577 (°)
(****) 1573 | 2060 | 1841 |

(*) 1.3 270HP Plug-In Hybrid Q4 version

(**) 1.5 175 HP Hybrid version

(***) 1.6 Multijet 16V 130 HP versions

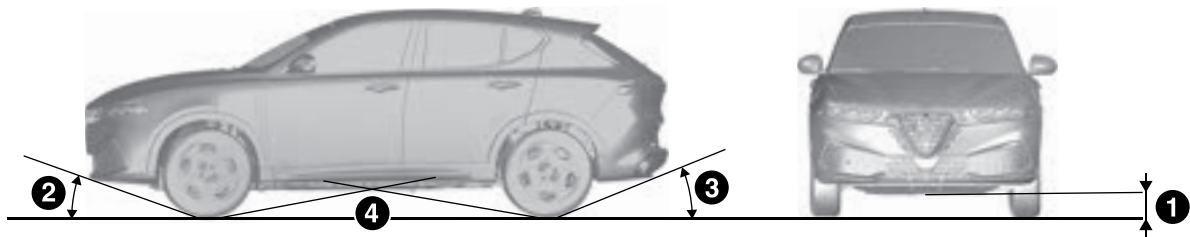
(****) 2.0 T4 272 HP version

(°) Depending on trim level



ABC

MINIMUM GROUND CLEARANCE/TYPICAL ANGLES



332

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| Minimum ground clearance / typical angles | | | | | |
|---|--------|-----------------------------------|----------------------|----------------------|------------------------|
| | | Minimum ground clearance (mm) (1) | Approach angle (2) | Departure angle (3) | Breakover angle (4) |
| 1.3 Plug-In Hybrid Q4 | Std. A | 141.1–144.7 (270 HP) | – | – | – |
| | Std. C | 111.6–113.6 (270 HP) | 18.2°–18.5° (270 HP) | 18.8°–19.1° (270 HP) | 12°–12.4° (270/270 HP) |
| 1.5 Hybrid | Std. A | 175 | 17.6° | 22.5° | 17.3° |
| 1.6-litre 16V Multijet | Std. A | 150.6–153.8 | – | – | – |

| Minimum ground clearance / typical angles | | | | | |
|---|--------|-----------------------------------|--------------------|---------------------|---------------------|
| | | Minimum ground clearance (mm) (1) | Approach angle (2) | Departure angle (3) | Breakover angle (4) |
| 1.6-litre 16V Multijet | Std. C | 135.1-138.8 | 16.9°-17.1° | 17.7°-18° | 14.3°-14.5° |
| 2.0 T4 | | 212.4-212.7 | 19.9°-20.2° | 24.6° | 20.2°-20.4° |

(*) In the area between the front wheels

NOTE Angles and heights may vary depending on equipment and trim levels.

Std. A (unladen car): car with 90% full tank, fluids, spare wheel, tools and accessories

Std. C (loaded car): car with 90 per cent fuel tank, fluids, spare wheel, tools, accessories supplied, maximum number of occupants (70 kg per occupant) and luggage in the boot

"Minimum ground clearance" (reference 1)

The clearance value is measured next to the lower edge of the differential. This value also defines those for the "Approach angle" the "Departure angle" and the "Breakover angle". Dimensions are expressed in mm and refer to the car equipped with its original tyres.

"Approach angle" (reference 2)

The approach angle is determined by the horizontal line of the road surface and by the tangent line passing between the front wheel and the most projecting low point of the car. The wider the angle, the lower the chance to hit an obstacle with the body or chassis, climbing a steep slope or overcoming an obstacle.

"Departure angle" (reference 3)

The departure angle is determined by the same lines of the "Approach angle", and refers to the rear part of the car.

"Breakover angle" (reference 4)

The value of the "Breakover angle" is linked to the ride height of the car and indicates the attitude of the car to overcome a wedge, more or less steep, preventing the car from resting on the ground with the body or chassis after touching the wedge with its lowest and most projecting parts (usually the underbody), because this would highly reduce wheel grip which, lacking adequate grip to the ground would not have sufficient grip to make the car move and slip. The higher the ride height, the wider the breakover angle. Always bear in mind that the higher the ride height, the lower the stability, due to a higher centre of gravity which reduces the side rollover angle.



ABC

LUGGAGE COMPARTMENT CAPACITY

| BOOT VOLUME (litres) | Rear seats not folded
(capacity measured at the
seat back level) | Rear seats folded (capacity
measured at the level of
the roof) |
|---|--|--|
| Vehicle unladen and reconfigurable load platform in “all up” position | 500 (*) / 385 (**) | 1550 (*) / 1430 (**) |

(*) Versions with heat engine and hybrid

(**) Plug-In Hybrid Q4 version

WEIGHTS AND LOADS



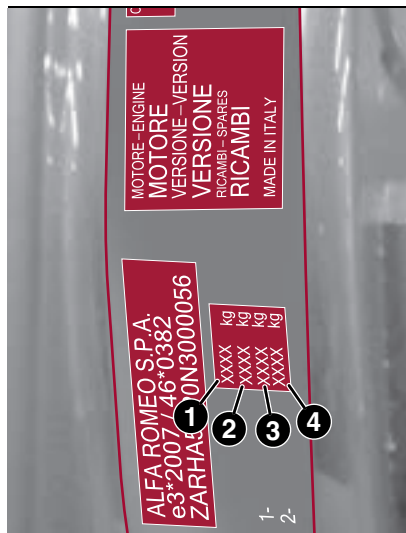
To identify the weights and loads for your car, refer to the plate shown in fig. 333 and described in the "Vehicle identification number (VIN) plate" chapter or refer to the car registration certificate showing the type-approved weights (for markets, where provided).

1: maximum authorised weight of car fully laden (GVW).

2: maximum authorised weight of fully laden car (GVW) plus trailer. If there is no value in the field or if there is a dash, it means that the car cannot tow.

3: maximum permitted weight on first front axle.

4: maximum permitted weight on second rear axle.



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To calculate the towable weight with a braked trailer, take the difference between values (2) e (1) shown on the plate.

E.g.: $2=3100 \text{ kg} - 1=1900 \text{ kg}$

Braked trailer = $1200 \text{ kg} + 250 \text{ kg}$ SAE towing (*)

WARNING Do not exceed the indicated trailer and towable weights.

WARNING Observe the car towing capacities.

WARNING Never exceed the maximum permitted load indicated on the plate (2).

(*) SAE towing: taking care never to exceed the maximum permitted load indicated on the plate (2):

■ **for 1.3 Plug-In Hybrid Q4, 1.5 Hybrid and 1.6 Multijet versions** it may be increased up to 250 kg

■ **for 2.0 T4 versions** SAE Towing is **NOT** allowed: the maximum value of the braked trailer is obtained from the difference (2) - (1)



WARNING

135) Do not load your car any heavier than the gross vehicle weight rating or the front and rear gross axle weight rating. If you do, parts on your car can break, or it can change the way your car handles. This could cause you to lose control. Also overloading can shorten the life of your car. Do not exceed the maximum load for the car and trailer combination. The maximum towable load is only permitted if it does not exceed the maximum load of the combination.



ABC

TOWABLE WEIGHTS (kg)

| Versions | GVW | A | B | C | D |
|-------------------------------------|------|------|-----|----|----|
| 1.3 270 HP Plug-In Hybrid Q4 | 2420 | 1250 | 700 | 75 | 50 |
| 1.5 175 HP Hybrid | 2135 | 1500 | 700 | 75 | 50 |
| 1.6-litre 16V Multijet | 2185 | 1025 | 700 | 75 | 50 |
| 2.0 T4 272 HP (*) | 2250 | 907 | 700 | 75 | 50 |

A = TOWABLE WEIGHT (including SAE tow hitch, where provided)

B = UNBRAKED TRAILER

C = LOAD ON TOW HOOK

D = LOAD ON THE ROOF (versions with roof rack bars)

GVW = Maximum authorised weight of car fully laden

(*) For versions/markets, where provided.

REFUELLING

| | 1.3 270 HP
Plug-In Hybrid
Q4 | 1.5 175 HP
Hybrid | Prescribed fuels and original lubricant
specifications |
|---|------------------------------------|----------------------|--|
| Fuel tank (litres): | 42.5 | 55 | Unleaded petrol with at least 95 R.O.N. (EN228 specifications) |
| Including a reserve of (litres): | 10 | 5 – 7 | |
| Engine sump (litres): | 4.2 | 4.2 | Quartz Mopar FPW 01 (hybrid version) / Quartz Mopar FPW 02 (Plug-In Q4 hybrid version) |
| Engine sump and filter (litres): | 4.5 | 4.3 | |
| Engine cooling system (litres): | 5.3 | 5.2 | 50% mixture of demineralised water and 9.55523 or MS.90032 liquid (*) |
| Electronic component auxiliary cooling system (***)
(****) (litres): | – | 5.0 | |
| Cooling system (high voltage) (**) (litres): | 8.8 | – | |
| Gearbox/differential casing (litres): | 6.5 | 5.5 | 9.55550-HE2 (Hybrid version) / 9.55550-AV2 (Plug-In Q4 Hybrid versions) |
| Hydraulic brake circuit (liters): | 1.13 | 1.13 | 9.55597 or MS.90039 |
| Windscreen and rear window washer fluid reservoir (litres): | 2.5 | 2.5 | Mixture of water and 9.55522 or MS.90043 liquid |

(*) In particularly harsh weather conditions, we recommend using a 60% mixture of protective fluid and 40% demineralised water. In particularly hot countries, we recommend using a 30% mixture of protective fluid and 70% demineralised water.

(**) NOTE The coolant tank for the high voltage system cannot be refilled by the driver. To top up the fluid, contact an Alfa Romeo Dealership.

(***) Including secondary system tray with 48V auxiliary battery.

(****) NOTE The coolant tank of the 48V auxiliary battery system cannot be refilled by the driver. To top up the fluid, contact an Alfa Romeo Dealership.



ABC



| | 1.6-litre 16V Multijet | 2.0 T4 272HP (*) | Prescribed fuels and original lubricant specifications |
|--|------------------------|------------------|---|
| Fuel tank (litres): | 55 | 51 | Unleaded petrol with at least 95 R.O.N. (EN 228 specifications) (2.0 T4 272 HP versions) / Diesel for motor vehicles (EN 590 specifications) (1.6 16V Multijet) |
| Including a reserve of (litres): | 5 – 7 | 6 | |
| AdBlue® tank (where provided) capacity approximately (litres): | 13 | – | AdBlue® (DIN 70 070 and ISO 22241-1 specifications) |
| Engine sump (litres): | – | – | Quartz Mopar FPW 01 (1.6 16V Multijet versions) / MS 13340 or 9.55535-GSY. (2.0 T4 272 HP) (**) |
| Engine sump and filter (litres): | 4.8 | 4.7 | |
| Engine cooling system (litres): | 6.1 | 8.8 | 50% mixture of demineralised water and 9.55523 or MS.90032 liquid (*) |
| Gearbox/differential casing (litres): | 1.8 | – | 9.55550-MZ6 (1.6 16V Multijet) |
| Automatic transmission AT9 (litres) | – | 6.0 | 9.55550-AV5 (2.0 T4 272CV) |
| Idler unit (PTU) (4x4 versions) (litres) | – | 0.4 | 9.5550-DA6 (2.0 T4 272CV) |
| Rear differential (RDM) (4x4 versions) (litres) | – | 0.6 | 9.5550-DA7 (2.0 T4 272CV) |
| Hydraulic brake circuit (kg): | 0.83 | 0.83 | 9.55597 or MS.90039 |
| Windscreen and rear window washer fluid reservoir (litres): | 2.5 | 2.5 | Mixture of water and 9.55522 or MS.90043 liquid |

(*) For versions/markets, where provided

(*) In particularly harsh weather conditions, we recommend using a 60% mixture of protective fluid and 40% demineralised water. In particularly hot countries, we recommend using a 30% mixture of protective fluid and 70% demineralised water.

(**) Contact an Alfa Romeo Dealership.



WARNING

136) Only use AdBlue® (UREA) compliant with DIN 70 070 and ISO 22241-1. Other fluids may cause damage to the system: also exhaust emissions would no longer comply with the law.

137) The distribution companies are responsible for the compliance of their product. Observe the precautions of storage and servicing, in order to preserve the initial qualities. The manufacturer will not recognise any guarantee in case of malfunctions and damage caused to the car due to the use of AdBlue® (UREA) not in accordance with regulations.



ABC

FLUIDS AND LUBRICANTS

Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.



PRODUCT SPECIFICATIONS

| Use | Features | Specification | Original fluids and lubricants |
|---|--|--------------------------------|-----------------------------------|
| Lubricant for diesel engines (1.6 130hp) and hybrid petrol engines (1.5 175 HP) | SAE 0W-20
ACEA C6 | FPW9.55535/01 | Quartz Mopar FPW 01 |
| Lubricant for Plug-In Hybrid Q4 petrol engines (1.3 270 HP) | SAE 0W-30
ACEA C2 / API SN | FPW9.55535/02 | Quartz Mopar FPW 02 |
| Lubricant for petrol engines (2.0 T4 272 HP) | SAE 5W-30
ACEA API SP / ILSAC GF-6 | MS 13340 or 9.55535-GSY | Contact an Alfa Romeo Dealership. |

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 | Fully synthetic oil with dedicated additive. | 9.55550-SA11 | Contact an Alfa Romeo Dealership | Lubricant for electro-hydraulic actuator (dual clutch automatic transmission versions) |
| | Synthetic lubricant, first use EG FFL-7A. | 9.55550-HE2 | | Lubricant for with electrified dual-clutch automatic transmission (Hybrid version) |
| | SAE 75W API GL4 grade synthetic lubricant. | 9.55550-MZ6 | | Transmission and differential (1.6 16V Multijet) |

| Use | Features | Specification | Original liquids and lubricants | Applications |
|---|---|----------------------------|----------------------------------|--|
| Lubricants and greases for drive transmission | Synthetic lubricant | 9.55550-AV5 | | Lubricant for AT9 automatic transmission for 2.0 T4 272 HP versions (where provided) |
| | SAE75W 90 API GL 5 grade synthetic lubricant | 9.5550-DA6 | | Transfer unit (PTU - 4x4 versions) (2.0 T4 272 HP) |
| | SAE75W 90 API GL 5 grade synthetic lubricant | 9.5550-DA7 | | Rear differential (RDM) (4x4 versions) (2.0 T4 272 HP) |
| | Molybdenum disulphide grease, for use at high temperatures.
N.L.G.I. consistency 1-2. | 9.55580-GRAS II | Contact an Alfa Romeo Dealership | Wheel side constant velocity joints |
| | Low friction coefficient grease for constant velocity joints. N.L.G.I. consistency 0-1. | 9.55580-GRAS II | | Differential side constant velocity joints |
| | Synthetic lubricant | 9.55550-AV2 | | ATF AW-1 lubricant for automatic transmissions (Plug-In Hybrid Q4 version) |
| | SAE 75W API GL4 grade synthetic lubricant | | | Electrified axle (Plug-In Hybrid Q4 version) |
| Brake fluid | Synthetic fluid for brake and clutch systems.
Exceeds specifications: FMVSS n° 116 DOT 4, ISO 4925 Class 6, SAE J1704. | 9.55597 or MS.90039 | | Hydraulic brakes and hydraulic clutch controls |



ABC

| Use | Features | Specification | Original liquids and lubricants | Applications |
|---|--|-----------------------------------|----------------------------------|--|
| AdBlue® additive for diesel emissions | Water-AdBlue (UREA) solution | DIN 70 070 and ISO 22241-1 | AdBlue® | To be used for filling the AdBlue® tank on versions equipped with Selective Catalytic Reduction (SCR) system |
| Antifreeze additive for diesel, with protective action for Diesel engines | | | | To be mixed with diesel (25 cc per 10 litres) |
| Protective agent for radiators | Red protective with antifreeze action, based on inhibited monoethyl glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications. | 9.55523 or MS.90032 | Contact an Alfa Romeo Dealership | Cooling circuits proportions of use: 50% water 50% protective fluid (**) |
| Windscreen/rear window washer fluid | Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications. | 9.55522 or MS.90043 | | To be used diluted or undiluted in windscreen washer/wiper systems |

(**) In particularly harsh weather conditions, we recommend using a 60% mixture of protective fluid and 40% demineralised water.

AdBlue® is a registered trademark of Verband der Automobilindustrie e.V. (VDA)



WARNING

138) The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.

PERFORMANCE

Top speeds after the initial period of usage of the vehicle.

| Versions | km/h |
|-------------------------|------------|
| 1.3 270 HP (*) | 206 (****) |
| 1.5 175 HP (**) | 210 |
| 1.6 16V Multijet 130 HP | 194 |
| 2.0 T4 272 HP (****) | 225 |

(*) Plug-In Hybrid Q4 version

(**) Hybrid version

(****) Operation in hybrid mode

(*****) For versions/markets, where provided.

NOTE On Hybrid version, with electronic Cruise Control, top speed is reached in 6th gear.



ABC

FUEL CONSUMPTION AND CO₂ EMISSIONS

The fuel consumption and CO₂ 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 car is registered.

The type of route, traffic conditions, weather conditions, driving style, general condition of the car, version/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 CO₂ 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 present)

The Manufacturer has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly "eco-compatible". 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, the Manufacturer 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 specifies that when the car 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 a collection and scrapping centre authorised by the Manufacturer. 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.

Similarly, to meet its obligations under European Directive 2006/66/EC on batteries, the Manufacturer requires you to comply with the national regulations on handling both low-voltage and high-voltage lithium ion batteries (12V and 48V) at all times. This includes consigning vehicles complete with their batteries to one of the collection and demolition centres authorized by the Manufacturer to handle such batteries, and not disposing of them improperly, which could lead to personal injuries and/or harm to the environment.

You can find further information on these collection and scrapping centres either from a Stellantis dealership or by calling the number in the Warranty Booklet or by consulting the Manufacturer's official website.



ABC



This section describes the main functions of the Alfa Connect system infotainment system that may be fitted on the car.

MULTIMEDIA

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TIPS, CONTROLS AND GENERAL INFO

ROAD SAFETY

Learn how to use the various system functions before setting off.

Read the instructions for the system carefully before setting off.



300) 301)

RECEPTION CONDITIONS

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 increased when receiving traffic information and news.

NOTE The DAB frequency can be used in countries where digital transmission technology is available. The device will tune to any frequency if the DAB button is pressed in a country where the service is not provided.

CARE AND MAINTENANCE



139) 140)

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 on the display lens

❑ 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

WARNINGS

In the event of an anomaly, the system must only be checked and repaired by an Alfa Romeo Dealership.

If the car is stopped for a while and the external temperature is very high, the system may go into "thermal protection" mode, suspending operation until the radio temperature returns to acceptable levels.

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 an Alfa Romeo Dealership as soon as possible to have the system repaired.

MULTIMEDIA DEVICES: SUPPORTED AUDIO FILES AND FORMATS

For the USB source the system can play files with the following extensions and formats:

- ❑ .MP3 (32 – 320Kbps)
- ❑ .WAV (8/16 bit, 8-48 kHz)
- ❑ .AAC (8 – 96KHz) mono and stereo
- ❑ .M4A (8 – 96KHz) mono and stereo
- ❑ .MP4 (8 – 96KHz) mono and stereo

For all sources, the system can also play the following Playlist formats:

- ❑ .M3U
- ❑ .WPL

For devices that support the MTP (Media Transfer Protocol), the system can play back all file and playlist extensions and formats supported by the device itself.

NOTE It makes no difference whether the suffixes are written in capital or small letters.

NOTE It is recommended to load only unprotected music files, with supported extensions. If the external audio device has other formats (e.g. .exe, .cab, .inf, etc.) problems might arise during playing of tracks.

WARNING Some multimedia player devices may not be compatible with the Connect system.

Only use devices (e.g. USB flash drives) from safe sources on the car.



ABC

Devices from unknown sources could contain software infected by viruses which, if installed on the car, could increase the vulnerability of the car's electric/electronic systems to hacking.

NOTES ON TRADEMARKS

iPod, iTunes and iPhone are registered trademarks of Apple Inc.

All the other trademarks belong to their respective owners.

Apple is not responsible for the operation of this device and of its conformity with the safety rules and standards.

OFFICIAL TYPE APPROVALS

The Connect system installed on the car complies with the 2014/53/EU directive, UA.RED.TR, the French SAR Decree Law dated 15/11/2019 and the UKCA (UK Conformity Assessed) Certification dated in force in the United Kingdom.

For more information go to www.mopar.eu/owner or <http://aftersales.fiat.com/elum>

EXTERNAL AUDIO SOURCES

Other electronic devices (e.g. PDA, etc.) can be used on the car.

Some of them may cause electromagnetic interference however. Disconnect these devices if the system performance worsens.

NOTE The system supports only FAT32 and EX FAT formatted USB devices. The system does not support devices with a capacity higher than 64 GB.

NOTE The system does not support USB hubs connected to the USB port of the car. Connect your multimedia device directly to the USB port, using the specific connection cable for the device if necessary.

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 car.

This guarantees maximum security and prevents the system from being used on other cars in the event of theft. If necessary contact an Alfa Romeo Dealership.

If the check has a positive outcome, the system will start to operate, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the system will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

When the system is switched on, if the code is requested, a keypad appears on the display to enter the secret code.

After entering the fourth digit, press the OK graphic button and the system begins operating.

If an incorrect code is entered, the system displays a message to notify the user of the need to enter the correct code.

After the 3 attempts available for entering the code have been used, the system will display a message indicating that the code is not correct, the radio is blocked and it is necessary to wait 30 minutes. After the text has disappeared it is possible to start the code entering procedure again.

Global Positioning System (GPS) AND GLOBAL NAVIGATION SATELLITE SYSTEM (GLONASS)

The Global Positioning System (GPS) and the Global Navigation Satellite System (GLONASS) are based on satellite reception and provide time and position information worldwide.

The GPS is operated and controlled by the government of the United States of America, the only body responsible for the availability and accuracy of this system.

The GLONASS is operated and controlled by the government of Russia, the only body responsible for the availability and accuracy of this system.

Changes to the availability and accuracy of GPS/GLONASS systems or certain environmental conditions may affect the operation of the navigator.

TomTom accepts no liability for GPS or GLONASS availability and accuracy.

The operation of this navigation system can be influenced by any change made to the availability and precision of the GPS/GLONASS or by specific environmental conditions.

When navigation is started for the first time, the system may require some minutes to determine the GPS/GLONASS position and display the current position on the map. Afterwards the position will be found much more quickly (usually a few seconds are needed).

Large objects such as tall buildings can sometimes interfere with GPS/GLONASS reception.

AUDIO SYSTEM

Basic level audio system

- ❑ 2 x front tweeters
- ❑ 2 x front door midwoofers.
- ❑ 2 x rear door midwoofers.

Hi-Fi audio system (where provided)

- ❑ 1 x centerfill speaker on dashboard
- ❑ 2 x front tweeters
- ❑ 2 x front door midwoofers

- ❑ 2 x rear door tweeters
- ❑ 2 x rear door midwoofers
- ❑ 1 x sub-woofer in the boot
- ❑ 1 x 12-channel amplifier in the boot



IMPORTANT

300) Follow the safety rules here below: otherwise serious injuries may occur to the occupants or the system may be damaged.

301) 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.).



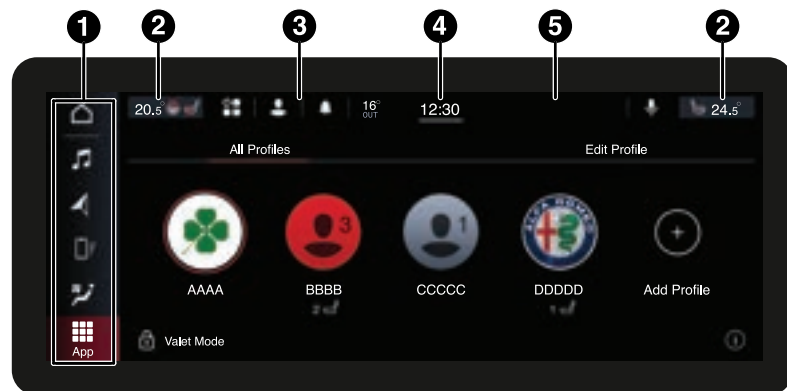
WARNING

139) 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.

140) Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.



ALFA CONNECT WITH NAVIGATOR



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GRAPHIC BUTTONS ON DISPLAY AREA (1)

| Graphic button | Functions | Mode |
|---|---|----------------------|
|  Home | Show main display | Press graphic button |
|  Media | Access Media mode to select available sources, folder tracks and interaction with audio settings | Press graphic button |
|  Comfort | Climate control system settings (air flow, set indoor temperature) and heated seat (where provided) | Press graphic button |
|  Phone | Access to the Phone mode | Press graphic button |
|  Vehicle | Access to additional car settings and functions | Press graphic button |
|  Navigator (where provided) | Start Navigation system | Press graphic button |
|  App | Access the list of available Apps | Press graphic button |

You can customise the order of the buttons by holding down the icon to move and dragging it to the desired position.
NOTE Customisation is only active when the car is stationary. If an attempt is made to customise with the car in motion or to resume driving without having completed the operation, a warning message will appear on the display and the operation will be ended.



ABC

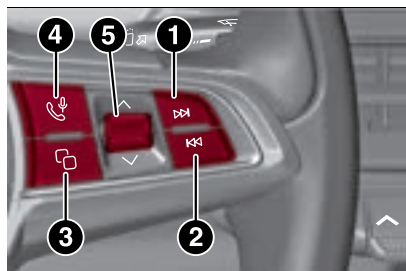
STATUS BAR

| | Area | Functions | Mode |
|---|---------------------------------|---|----------------------|
| 2 | Comfort (where provided) | Climate control system display and settings on driver and passenger side | Press graphic button |
| 3 | Reconfigurable quick button bar | Quick access to functions: Profiles, Notifications, External temperature, Voice recognition | Press graphic button |
| 4 | Timetable / App customisation | Display the current time / access to the Apps list for customising the reconfigurable bar | Press graphic button |
| 5 | Message area | Display notifications, audio track playing, tuned radio station, call time, volume and scrolling messages | – |

CONNECT SYSTEM CONTROLS

The controls for the main system functions are present on the steering wheel fig. 335 to make control easier.

The activation of the function selected is controlled, in some cases, by the length of the press (short or long press) as described below.



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(1) (2) Radio station search (▶▶ / ◀◀)

Radio mode: Previous/next radio station search.

(3) Selection of the main/default screen/widget on the instrument panel display

Short press: switch between the main (or default) screen display (in the central area of the instrument panel display), or the widget display (inside the tachometer on the instrument panel display)

(4) Telephone / Voice commands

Short press (Phone Mode)

□ Answer / end call

Short press (Voice command mode)

□ **With voice session not active:** activation of Alfa Connect system with Navigator voice controls

□ **With voice session active:** immediately close voice session in progress

Long press (Voice Command mode)

□ **With the voice session not active and an external audio device connected (e.g. Apple CarPlay / Android Auto):** activate a voice session on the connected device

(5) Selecting/confirming items displayed on the instrument cluster display / Connect system / volume up/down (▲ / ▼)

Rotate up/down: adjust volume (Radio mode).

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 Alfa Connect with Navigator 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.

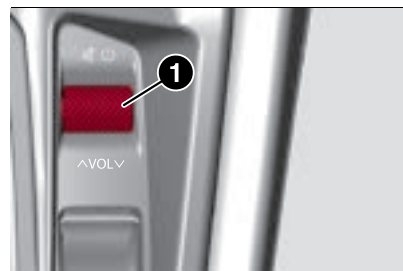
CONTROLS ON CENTRAL TUNNEL

On the central tunnel, to the side of the transmission, there is a rotary control (1) fig. 336 for the following functions:

□ **Long press:** Alfa Connect system with Navigator on/off

□ **Short press:** activate/deactivate Mute function (playback of audio tracks, radio stations, app streaming and incoming phone calls is muted).

□ **Control rotation:** adjust volume



336

9650747

TOUCHSCREEN FUNCTION

The system uses the touchscreen function; to interact with the different functions, press the graphic buttons displayed.

The touchscreen function can be used to access and view the available lists of music tracks, phone numbers, settings, etc.



ABC

To confirm the selection, press the graphic button "OK" or tick the required selection.

The selection is confirmed with a dedicated acoustic signal for some functions or settings.

To go back to the previous screen, press the "X" (Delete) graphic button or, depending on the active screen ←.

To go back to the home screen or home position press the HOME graphic button.

Move your finger on the display to scroll lists and selections.

Hold your finger down and move up to display the list items at the bottom; move down to display the list items at the top.

Hold your finger down on the display and move your finger rightwards, to see the lists to the left; move your finger leftwards, to see the lists to the right of the display.

The same operation can be performed to move between pages. By holding your finger on the selected field or graphic button, the Connect system will either select the field or perform the function associated with the graphic button.

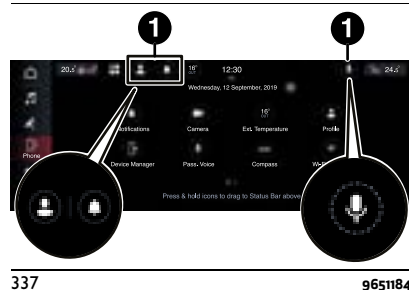
HOT BUTTONS

Up to 3 hot buttons (1) fig. 337 can be set on the status bar.

Press the button below the time ((4)) to open the drop-down menu with the list of available apps.

Hold the desired app pressed and drag it to the app to be replaced on the status bar.

NOTE Customisation is only active when the car is stationary. If an attempt is made to customise with the car in motion or to resume driving without having completed the operation, a warning message will appear on the display and the operation will not be ended.



337

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Traffic Sign Recognition

(for versions/markets, where provided)

This function can be used to select the Traffic Sign Information system on signally method.

The options available are:

☐ "Blinking" (where provided): this can be used to activate ("On") or deactivate

("Off") the flashing of the road sign on the cluster display.

☐ "Speed Offset" (where provided): this can be used to set the "delay" of the Traffic Sign Recognition system signals on the cluster display (from 0 to 10 km/h or from 0 to 5 mph).

☐ "Warning" (where provided): allows setting the warning modes related to the Traffic Sign Recognition system. The possible options are:

- "Off": deactivation of warning mode / "Warning")
- "Only acoustic" (where provided): the system warns the driver that there is a new road sign through on the car speakers
- "Sound and Display" (where provided): the system warns the driver that a new road sign is present through acoustic (through the speakers in the car) and visual warnings, the latter on the Connect system display.

New limit notice

(for versions/markets, where provided)

With this function you can activate/deactivate the display of the new speed limit for the road you are currently driving.

By clicking on "Mode", it is possible to select the type with which the system provides warnings to the driver.

HOME PAGE

INDICATIONS ON THE DISPLAY

Top status bar

The information shown in the status bar in the top of the display fig. 334 is as follows:

- air conditioning system information (driver/passenger side, where provided) (heated seat and steering wheel, driver side temperature) (2)
- part which can be "reconfigured" to display 2 graphic icons (e.g. avatar, external temperature, etc.) (3)
- GPS information, time and graphic display for downward scroll through Menus (4)
- information/alert message display area (5)

Menu bar

The status bar at the left side of the display contains the following graphic buttons:

-  **Home:** Show main display
-  **Media:** Access Media mode to select available sources, folder tracks and interaction with audio settings
-  **Comfort:** Climate control system settings
-  **Phone:** Access to the Phone mode

-  **Vehicle:** Access to additional car settings and functions

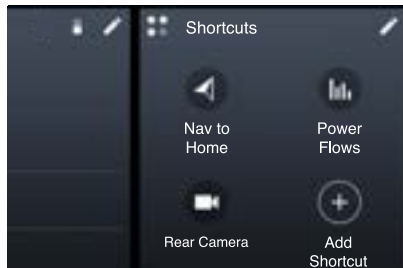
-  **Navigator** Start Navigation system

-  **App:** Access the list of available Apps

The display order/position of the graphic icons may vary depending on how the graphic icons on the display have been moved by pressing them with a finger and then releasing them.

HOME

Press the "Home" graphic button  to access the main screen, which can be customised by the driver. This page shows a summary of the Connect system functions called "Widgets" fig. 338 (see specific section for further information).



338

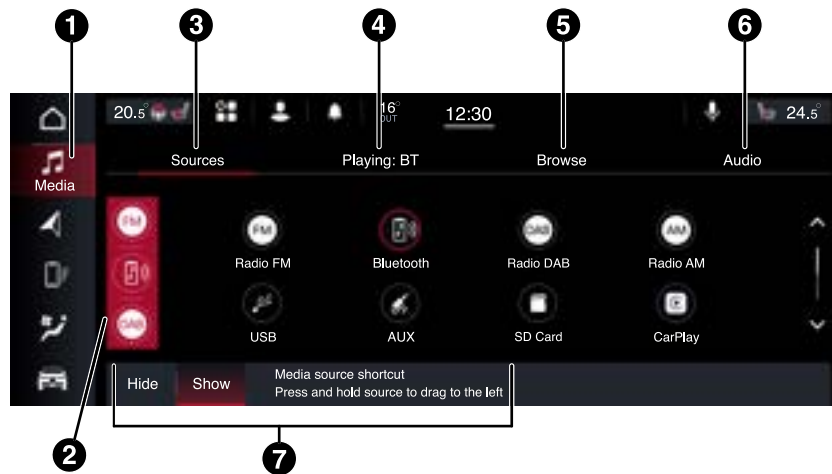
9651173

The widgets can be customised and rearranged by pressing the  button (see the respective paragraph).



ABC

MEDIA MODE



339

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Press the "Media" graphic button fig. 339 to listen to and manage music, view available lists, select favourite audio settings and to select the desired audio source from those available: AM, FM or DAB radio (where provided), USB, **Bluetooth®**, etc.

WARNING On some AM band frequencies, reception may be disturbed by interference on the incoming signal to the Connect system.

WARNING Applications used on portable devices may be not compatible with the Connect system.

After Media mode is selected, the following information is shown on the display:

Left part: display of the user's three favourite sources (2) fig. 339. To choose the source, select "Media" and then choose the source to display. The source being played will be appear on the display.

Upper part: select the various pages of the function:

- "Media" (3) fig. 339
- "Playing" (4) fig. 339
- "Browse" (5) fig. 339
- "Audio settings" (6) fig. 339

Lower part: Quick access (7) fig. 339 to the favourite radio stations.

Middle part: Display of information about the track being played and playback control buttons:

- "Bluetooth": for a **Bluetooth®** audio source, opens the list of devices
- "Browse" for USB/**Bluetooth®** source allows you to search for content on your device
- "Tracks" for USB/**Bluetooth®** source, allows you to select a track from the playlist
-  select previous/next track or previous/next station
-  random playback of the tracks contained in the folder
-  when the last track is finished, playback automatically resumes from the first track in the playlist
-  : pause track being played
-  "Tuning": access the radio station selection page

"SOURCES" MENU

This page can be used to:

- select the source from which the radio station or media files are to be played;
- customise your favourite source bar: to do this, press and hold the desired media source and drag the icon to the left. fig. 340



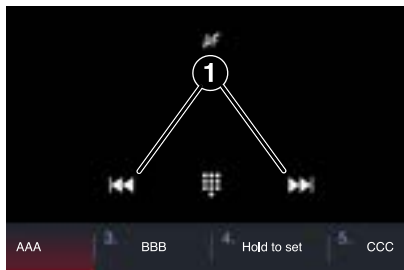
TRACK SELECTION

The "Songs" function allows you to open a window with the list of tracks being played.

The graphic buttons  and  (1) fig. 341 can be used to browse the list of artists, music genres and albums on the connected device via USB or **Bluetooth®**, according to the information recorded on the tracks themselves.



ABC



341

9651168

Within each list, the "ABC" graphic button allows the user to skip to the desired letter in the list.

NOTE This graphic button might be disabled for some **Apple®** devices.

"BROWSE" MENU

Use this function to scroll through and select the tracks on the active device.

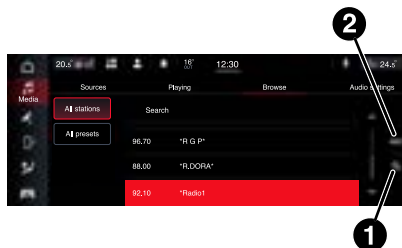
On a USB/iPod device you can also scroll through the list of artists, albums, tracks, genres, composers, podcasts and audio books stored on the device, depending on the information present on the tracks.

Radio mode

Press the "Browse" graphic button to search for a station using the "All Stations" submenu or save or remove a station from the favourites using the "ALL PRESETS" submenu.

In the "All stations" submenu you can display the station list in alphabetical

order using the "ABC" fig. 342 graphic button or select the station search function using the graphic button  (1) fig. 342



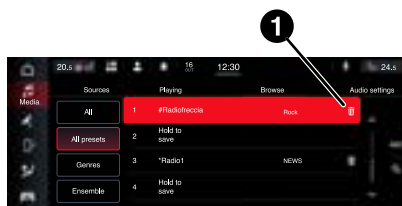
342

9651196

In the "ALL PRESETS" submenu:

 press "Hold to save" graphic button to add the current radio station to your favourite stations

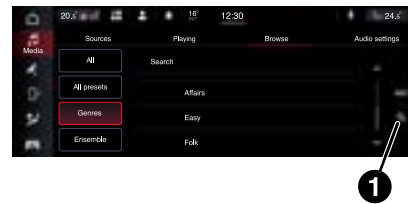
 press the icon  (1) fig. 343 to remove a radio stored as a favourite



343

9651197

The "Genre" submenu can be used to browse the list of radio stations organised by genre. You can search for the genre using the button  (1) fig. 344



344

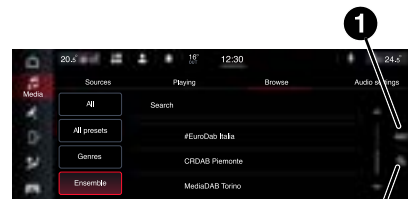
9651198

DAB radio channels (where provided)

The "Ensemble" submenu can be used to browse through the list of DAB channels.

To browse the list of available channels in alphabetical order, press the "ABC" graphic button (1) fig. 345

To search the genre press the graphic button  (2) fig. 345



345

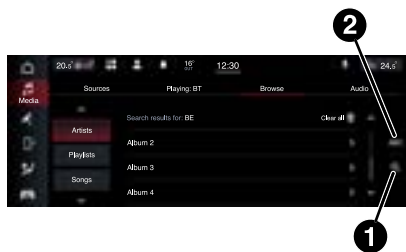
9651199

Media mode

NOTE The "Browse" button does not allow any operation on the device connected through the AUX jack (where provided).

NOTE The "Browse" graphic button does not allow you to search for "Genres", "Podcasts", "Audio Books", "Playlists".

NOTE The station list can be displayed in alphabetical order using the "ABC" button (2) fig. 346 or select the station search function using the button  (1) fig. 346



346

9651180

Folders

Select the "Folders" item: the following information will appear on the display:

- ☐ "Play All": to play all the songs on the device
 - ☐ List of sub-folders and/or music on the
- Select the "Play all" item or a music track to close the list and return to the "Media"

mode main screen on which the track being played will be displayed.

Artists

Select "Artists" to display the list of artists on the device. The item for the selected artist will be highlighted.

Playlists

Select "Playlists" to display the list of playlists on the device.

Tracks

Select "Tracks" to display the list of musical tracks on the device.

WARNING If the Connect system cannot play a track on the device, an error message will appear on the display.

Albums

Select "Albums" to display the list of albums related to the selected artist on the device.

Genres

Select "Genres" to display the list of musical genres on the device (e.g. "Alternative Rock", "Dance", "Hip-Hop", etc.).

Year

Select "Year" to display the year of the song/album that is playing.

Podcasts

Select "Podcasts" to see the artist's name and respective podcast on the display (e.g. "Artist Podcast 1").

NOTE This item is not available for Apple devices

NOTE This item is not available for IAP1 protocol devices. It is not available for IAP2 protocol devices.

Audio Books

Select "Audio Books" on the display the list of artists on the device.

NOTE This item is not available for Apple devices.

If you activate the "Library" function, the only entry available will be "Folders". All other items listed above will not be available until indexing is complete. The icon next to each item will be greyed out and will not be selectable: an icon showing indexing will appear on the display.

An icon will also appear in the "Folders" display instead of the total number of songs.

TRACK INFORMATION

Press the  graphic button on the display to show the information on the track that is playing. Pressing the button again disables the function.

TRACKS

Press the "Tracks" graphic button:  to view a menu along with the list of songs. The song that is playing is indicated by an arrow and lines above and below the title.



ABC

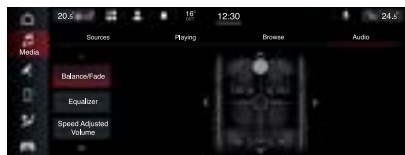
"AUDIO SETTINGS" MENU

The "Audio Settings" menu comprises the following options (according to the version of the car):

- ❑ Balance/Fade
- ❑ Equalizer
- ❑ Speed Adjusted Volume
- ❑ Surround Sound (where provided)
- ❑ AutoPlay
- ❑ Auto-On Radio
- ❑ Radio Off with Door
- ❑ Volume adjustment

Balance/Fade

Press the "Balance/Fade" graphic button fig. 347 to balance the audio between the front speakers (4 speaker version) or between the rear and front speakers (6 speaker versions)



347

9651150

Drag the cursor on the display or use the arrows to regulate the point where most sound is to be emitted.

358

NOTE Only left/right balancing is possible if the rear speakers are not installed.

Equalizer

Press the "Equalizer" graphic button on the display to adjust the bass, mid and treb tones fig. 348

Then use the "+" or "-" graphic buttons, or press and drag the level bar to each of the equalizer bands. The level value is viewed in the lower part of each band.



348

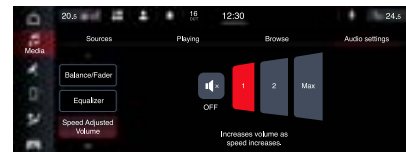
9651151

Speed Adjusted Volume

Press the "Speed Adjusted Volume" graphic button fig. 349 to display the screen for regulating the volume in relation to speed.

Adjust the volume according to speed by selecting "Off", "1", "2" or "3". This allows you to adjust the radio volume automatically on the basis of car speed.

The volume automatically increases when the speed does, to compensate for the normal noise coming from the road.



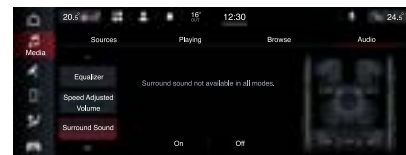
349

9651200

Surround Sound (where provided)

Press the "Surround Sound" graphic button, fig. 350, to select the function and then make the adjustment.

This function provides the simulated surround sound mode.

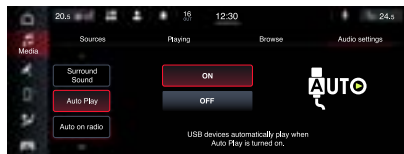


350

9651152

AutoPlay

Press the "Auto Play" graphic button fig. 351 to enable/disable playback when connecting a USB device.



351

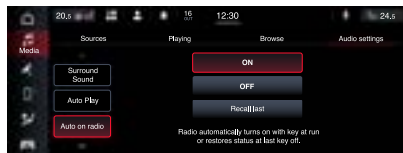
9651201

The "AutoPlay" function starts playing music as soon as a USB multimedia device is connected to the USB port of the vehicle (the function is enabled only when the motor is on).

Press the "OFF" graphic button to deactivate this setting.

Auto-On Radio

Press the "Auto-On Radio" graphic button, fig. 352, to enable/disable the automatic switching on of the Connect system when the engine is started or to recall the last radio station played, whether the radio function was active when the engine was switched off or not.



352

9651202

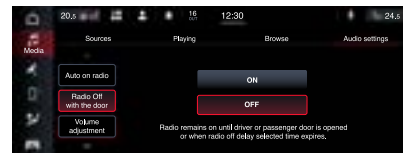
ON: the Connect system is switched on when the engine is started.

OFF: the Connect system stays off when the engine is started.

Recall last status: when the engine is started, the Connect system is maintained in the same status (on/off) as before the last time the engine was stopped.

Radio Off with Door

Press the "Radio Off with Door" graphic button to enable/disable the automatic switch-off function of the Connect system when the driver's door or passenger's door is opened or after the driver selects the switch-off time fig. 353.



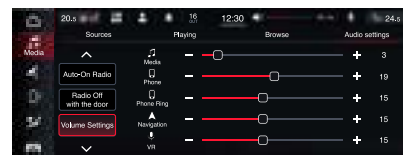
353

9651203

Volume adjustment

Press the "Volume adjustment" graphic button, fig. 354, to adjust the volume:

- ☐ of multimedia content ("Media")
 - ☐ of telephone calls ("Phone")
 - ☐ of the ring tone of the connected mobile phone ("Ring tone")
 - ☐ of the Navigator indications ("Navigation")
 - ☐ of the voice commands ("RV")
- Move the slider towards "-" or "+" to turn volume down or up .



354

9651179

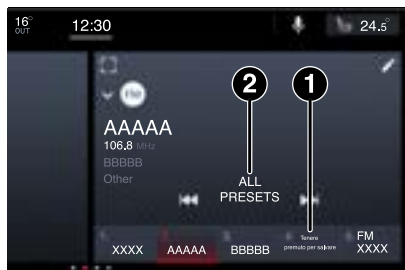
359



ABC

FAVOURITE RADIO STATIONS

When a radio station is playing, you can save it as a favourite station and recall it later (1) fig. 355



355

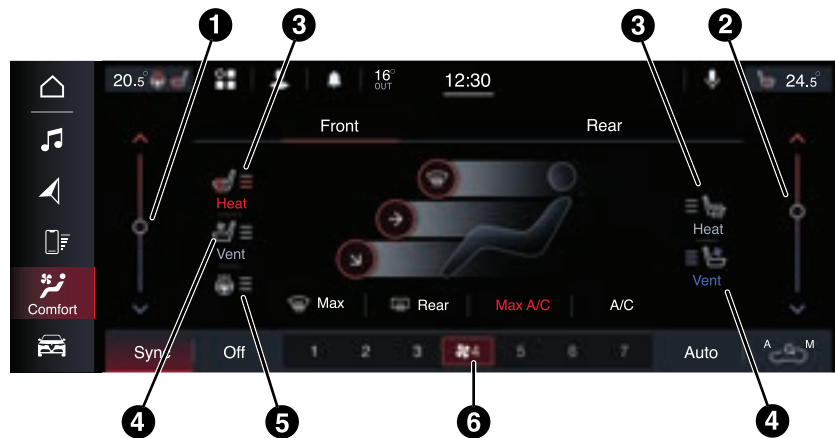
9651178

To save the station, press and hold down the graphic button of one of the positions required until a confirmation acoustic warning is heard.

If a position already occupied by a radio station is selected, the station currently playing is saved instead of the station already in the memory.

The number of radio stations that can be stored can be set by the driver using the "Browse" function described above.

The complete list of stations saved can be recalled using the "ALL PRESETS" graphic button (2) fig. 355



356

9651172



ABC

The Connect system lets you interact with the automatic dual-zone climate control system to adjust the temperature inside the passenger compartment.

On the main screen you can select:

- ❑ the airflow distribution settings:
 - windscreen
 - face
 - face + feet
 - face + windscreen
 - face + windscreen + feet
 - feet
 - feet + windscreen
- ❑ the settings for the interior temperature ((1) driver side and (2) passenger side)
- ❑ fast windscreen heating  Max
- ❑ the defrosting of the rear window  Rear
- ❑ the heating of the driver/passenger seat (3) (where provided)
- ❑ the activation of the climate control system with maximum cooling (MAX A/C)
- ❑ the activation of the climate control system (A/C)
- ❑ driver/passenger side temperature synchronisation (Sync)
- ❑ switching "Off" the air climate control system

- ❑ the ventilation level (4) and (6)
- ❑ the steering wheel heater (5) (where provided)
- ❑ activation of the automatic air conditioning system "Auto" (only for automatic air conditioning system)
- ❑ the recirculation function

PROGRAMMING THE CLIMATE CONTROL SYSTEM

(where provided)

The system provides two types of remote climate control system programming:

❑ **starting the climate control system on-demand:**

activation using the dedicated smartphone app (where provided). Refer to "Connected Services - Alfa Connect Services" chapter;

❑ **programming the climate control system with start time:**

it can be activated either using the dedicated smartphone app (where provided) or by programming a start time using the Connect system (see the "Hybrid pages" chapter for more details).

Climate control system not programmed messages

Dedicated messages will appear on the instrument panel display if the climate control system start-up on-demand

or programming fails or ends before expected.

Using the climate control system functions

Starting the climate control system

Proceed as follows:

- ❑ select the programming function on the dedicated app (where provided). The climate control system inside the passenger compartment will stay on for about 15 minutes unless the button on the ignition device button is pressed;
 - ❑ this function can be activated twice after which it is necessary to turn the ignition device to MAR to allow turning on the climate control system app (where provided) on-demand again;
- NOTE The electric defroster (heated rear window, heated mirrors and heated windscreen, where provided) will also be activated if the ambient temperature is below 4.5°C when the function is started.

Programming the climate control system with start time

Select a start time for the climate control programming using the Connect system or the dedicated app (where provided): the climate control, inside the passenger compartment, will remain on unless the ignition device button is pressed.

The start-up on-demand and programming of the climate control

system will end if the following conditions are met:

- ❑ doors closed
- ❑ bonnet closed
- ❑ boot closed
- ❑ emergency lights not active
- ❑ alarm system not active
- ❑ adequate charge level of the conventional 12V battery
- ❑ ignition device in the STOP position
- ❑ transmission in P ("Park") position
- ❑ if the start-up on-demand function has not been activated twice
- ❑ if the electronic key is not present in the car (necessary condition for programming the climate control system with start-up time)

Starting the climate control system programming

Select the programming function on the dedicated app (where provided) to activate the start-up on-demand of the climate control system or select a start time for programming the climate control system on the Connect system or using the dedicated app.

The doors of the car will lock, the climate control system programming will start and the ignition device will go into MAR.

If the climate control system is started on-demand, the car will remain in MAR mode for 15 minutes; if the climate control system is programmed to start at

a certain time, the car will remain in MAR mode.

NOTES

- ❑ The climate control system programming will be disabled in the event of an engine fault/failure
- ❑ For safety reasons, the windscreen wipers are disabled when the function is active, whether the climate control system is programmed to start on-demand or not. For safety reasons, the windows are disabled if the climate control system is started on-demand
- ❑ The electric sunroof (where provided) is also disabled if the climate control system is started on-demand
- ❑ Two 15-minute cycles of climate control system operation are possible after which the ignition device must be turned to the MAR position to perform new start cycles

How to stop climate control system programming without driving the car

If the climate control system is started on-demand, select the end-of-charging function on the dedicated app (where provided) or wait for the end of the start-up cycle (about 15 minutes).

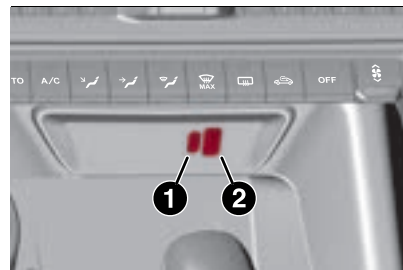
If the climate control system is programmed with a starting time, finish recharging through the programming function on the dedicated app (where provided).

How to stop climate control system programming and drive the car

Programmed or on-demand operation of the climate control system can be interrupted by taking the ignition device to the AVV position. A dedicated message will appear on the instrument panel display.

USB SOURCE

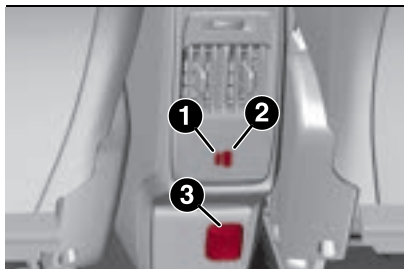
The vehicle has USB data & charge ports type A+C located on the central dashboard, (1) and (2) fig. 357, for versions/markets where provided, other two USB ports type A+C for recharge located on the back of the central console under the air vents, (1) (2) fig. 358 Both Type C ports, for versions/markets where provided, are Power Delivery 3.0, providing very fast charging, up to 40W.



357

9650752





358

9650166

When a USB device is plugged into the port on the dashboard with the radio on, it starts to play the tracks on the device if the "AutoPlay" is set to "ON" in the "Audio" menu. If "Auto Play" is set to "OFF", the Connect system will continue to play the current source when a USB device is connected.

WARNING After using a USB charging port, we recommend disconnecting the device (smartphone), always removing the cable from the port of the car first, never from the device. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.



359

9651162



ABC

Press the "Phone" button on the display to activate the Phone mode

To consult the list of mobile phones and functions supported, contact Customer Care on the number provided in the Warranty or visit the www.UCONNECTPHONE.com website

Select the desired page on the display using the bar at the top to:

❑ press on the "Current call" graphic button (1) fig. 359 to display the name of the contact (if stored) and the duration of the current phone call

❑ press the "Keypad" graphic button" (2) fig. 359 to access the graphic keypad on the display, which you can use to dial a phone number

WARNING The keypad is only active when the car is stationary. If an attempt is made to use the keypad with the car in motion or if driving is resumed without having completed the input, a specific warning message will appear on the Connect system display and the operation will be ended.

❑ press the "Recent" graphic button " (3) fig. 359 to display and call contacts from the recent calls logs

❑ press the "Favourites" graphic button " (4) fig. 359 to display and call contacts in the favourites list

❑ press the "Phonebook" graphic button" (5) fig. 359 to display and call contacts in the mobile phone phonebook

❑ press the "Text messages" graphic button (6) fig. 359 to display the received text messages

❑ view the connected devices

The mobile phone audio is transmitted through the sound system of the car; the system automatically mutes the Connect system audio when the Phone function is used.

PAIRING A MOBILE PHONE

WARNING Carry out this operation only with car stationary and in safety conditions; this function is deactivated when the car is moving.

To pair a mobile phone, see the procedure in "Pairing a Bluetooth audio device" in the "Bluetooth Mode" chapter.

MAKING A PHONE CALL

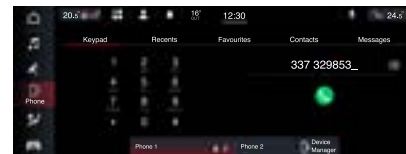
The operations described below can only be accessed if supported by the mobile phone in use. For all functions available, refer to the mobile phone owner's handbook.

You can make a call by selecting one of the following items, fig. 360:

- ❑ "Keypad"
- ❑ "Recent"

❑ "Favourites"

❑ "Contacts"



360

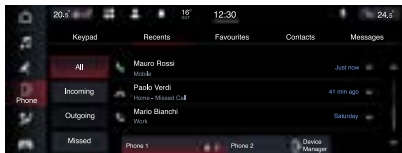
9651154

You can add a number or a contact (if already in Contacts) to the favourite list during a call by pressing the graphic button ☆ next to the name. Favourites can also be managed via the contact options in the Contacts or by pressing one of the 5 graphic "Empty" buttons within the "Favourites" menu at the top of the phone screen.

Recent (recent calls)

The list of the last calls made for each of the following call types can be , displayed fig. 361:

- ❑ "All calls"
- ❑ "Incoming"
- ❑ "Outgoing"
- ❑ "Missed"



361

9651177

Put call on hold/go back to a call held

During a call, press the "Hold" graphic button fig. 362 on the main screen relative to the Phone mode.



362

9651194

Make a second call when one is ongoing

You can put a call on hold by pressing the "Hold" graphic button on the main phone mode screen, then dial the number using the graphic dial pad or select one from recent calls, from received text messages or from the phonebook.

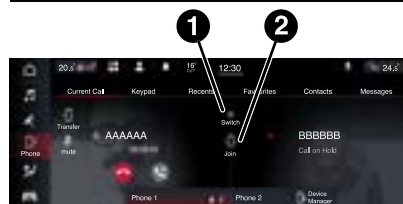
To go back to the first call, please refer to the description in the paragraph "Go from one call to another". To unite two calls, please refer to "Uniting two phone calls".

Going from one call to another

If two calls are going on at the same time (one active and another on hold), press the "Switch" button (1) fig. 363 on the display.

You can put only one call on hold at a time.

You can also press the  button on the steering wheel controls to go from an active call to one on hold.



363

9651158

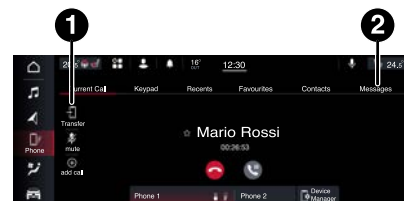
Uniting two phone calls

If two calls are going on at the same time (one active and another on hold), press the "Conf." graphic button (2) fig. 363 on the display to combine all calls into a conference call.

Transferring a call

The ongoing calls can be transferred from the mobile phone to the system and vice versa without ending the calls.

To transfer the call, press the "Transfer" button. (1) fig. 364



364

9651164

Contacts

Select "Contacts" fig. 365 to view the list of names and their telephone numbers on the display.

Press the desired contact: If more than one phone number is associated with the contact, a screen will appear on the display in which you can select the number to call.

If there is only one telephone number, the phone call will be initiated automatically.



ABC



365

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TEXT MESSAGES

You can access the text message list received by the cell by selecting the "Messages" item (the list shows a maximum of 60 received messages). To use this function, the mobile phone must support the text exchange function through **Bluetooth®**.

If this function is not supported by the phone, the respective "Messages" graphic button (2) fig. 366 is deactivated (greyed out).

Select the "Messages" submenu on the display to show the incoming messages that can be opened and viewed.



366

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One of the following actions can be selected from the message details screen:

- ☐ "Read": to read the message aloud
- ☐ "Reply": to open the function for typing and sending a reply
- ☐ "Forward": to forward the message to a recipient
- ☐ "Call": to call to the sender of the message
- ☐ "Incoming": to go back to the incoming message screen

On this screen, you can send a text message using the "New message" function.

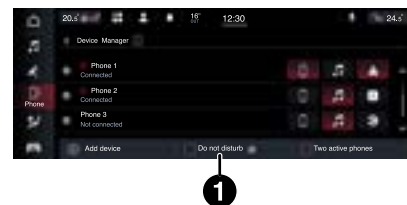
NOTE On some mobile phones, to make the text message voice reading function available, the text message notification option on the phone must be enabled; this option is usually available on the phone, in the **Bluetooth®** connections menu for a device registered as Connect.

After enabling this function on the mobile phone, it must be disconnected and reconnected with the Connect system in order to make it effective.

"DO NOT DISTURB" FUNCTION

If supported by the connected phone, press the "Do Not Disturb" graphic button (1) fig. 367 to stop receiving notifications of incoming calls or text messages.

The user can reply with a default or customised message by means of the settings.



367

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TEXT MESSAGE OPTIONS

Default SMS messages are stored in the system memory and can be sent to answer a received message or as a new message. The following list of available messages is given by way of example:

- ☐ Yes

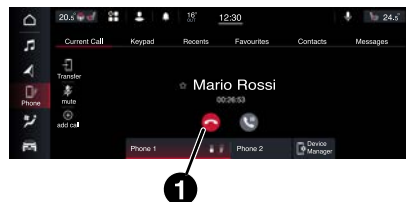
- ☐ No
 - ☐ Okay
 - ☐ I can't talk right now
 - ☐ Call me
 - ☐ Thanks
 - ☐ I'm lost
 - ☐ I'm on the road
 - ☐ I am stuck in traffic
 - ☐ Are you there?
 - ☐ Where are you?
 - ☐ I can't talk right now
 - ☐ I will be 5 (or 10, 15, 20, 25, 30, 45, 60) (*) minutes late
- (*) Only use the numbers listed, otherwise the system will not take the message. When receiving a text message, the systems also allows the same message to be forwarded.

NOTE For details on how to send a text message using the voice commands, refer to the dedicated paragraph.

ENDING A CALL

Press the graphic button  (1) fig. 368 on the display or the button  on the steering wheel controls to end a call in progress.

Only the ongoing call is ended and any call held becomes the new active call. Depending on the type of mobile phone, if the ongoing call is ended by the caller, the call on hold may not be activated automatically.



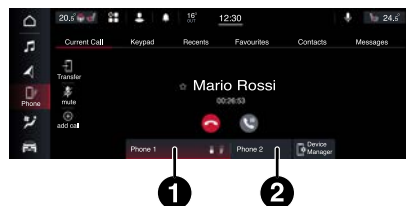
368

9651155

PHONE SETTINGS

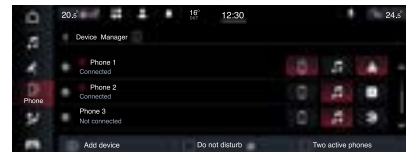
To access the phone settings, press the graphic button on the paired device (1) or (2) fig. 369 on any screen of the mode in which the button appears.

Select "Device Manager", fig. 370 and then "Settings".



369

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370

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This function can be used to interact with some of the settings on the car:

- ☐ Set as default
- ☐ Enable text messaging
- ☐ Auto connect as second phone
- ☐ Delete phonebook data
- ☐ Activate the **Bluetooth®** audio
- ☐ Enable projection
- ☐ Charge only mode
- ☐ Do not disturb
- ☐ Disconnect device
- ☐ Delete device

The "Do not disturb" function has a submenu from which you can customise the automatic reply in case of an incoming call or message or both.

NOTE The settings that are present but greyed out cannot be selected.

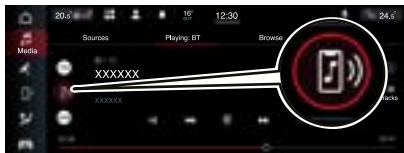


ABC

Bluetooth® MODE

This mode is activated by pairing a **Bluetooth®** device containing music tracks with the Connect system.

The symbol shown in fig. 371 appears on the display when **Bluetooth®** mode is active.



371

9651181

PAIRING A Bluetooth® AUDIO DEVICE

The pairing of a **Bluetooth®** device (e.g. a smartphone) is done via the "Device Manager" function (1) fig. 372 on the "Phone" page.



1

372

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370

Proceed as follows to pair a device:

- ❑ activate the **Bluetooth®** function on the device;
 - ❑ access the "Device Manager" function
 - ❑ press the "Add Device" graphic button
 - ❑ a pop-up window shows the temporary PIN to be entered in the device; find the **Bluetooth®** audio device on Connect
 - ❑ when requested by the audio device, enter the PIN code shown on the system display or confirm on the device the PIN displayed on the device
 - ❑ if the pairing procedure is completed successfully, a screen is displayed.
- Answer "Yes" to the question to pair the **Bluetooth®** audio device as favourite (the device will have priority over all other devices to be paired subsequently). If "No" is selected, the priority is determined according to the order of connection. The last device connected will have the highest priority

If no device has been registered, you can access the "Device Manager" directly from the "Phone" function.

NOTE Up to 20 device can be paired. In case of an attempt to pair a twenty-first device a pop-up window will notify that this is impossible. Remove a paired device to allow the pairing of a new one

"DOUBLE TELEPHONE" FEATURE

The Connect system allows simultaneous **Bluetooth®** connection to two telephones. Only one of the two connected devices can play multimedia content via **Bluetooth®**.

To activate the feature, select "Two active phones" on the "Device Manager" screen.

WARNING The "double telephone" feature is not available while using the telephone in CarPlay or Android Auto mode.

NOTE The Radio may change the track being played by modifying the from name of the device in the **Bluetooth®** settings of the telephone (where provided), if the device is by means of USB after the **Bluetooth®** connection. After updating the phone software, for proper operation, it is recommended to remove the phone from the list of devices linked to the radio, delete the previous Alfa Connect with Navigator system pairing also from the list of **Bluetooth®** devices on the phone and make a new pairing.

WARNING If the Bluetooth® connection between mobile phone and system is lost, consult the mobile phone handbook.

"DO NOT DISTURB" MODE

Select the "Do Not Disturb" function on the "Device Manager" screen to activate the "Do Not Disturb" mode on a

connected phone and exclude incoming calls and messages.

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 enable them, connect a compatible smartphone to the USB port of the car or in Wireless mode and the contents of the phone will be automatically shown on the Connect system display.

To check the compatibility of your smartphone and availability in your country, see the indications on the following websites:

https://www.android.com/intl/it_it/auto/ and <http://www.apple.com/it/ios/carplay/>.

If the smartphone is connected correctly to the car using the USB port or in Wireless mode, the Apple CarPlay or Android Auto icon will be displayed in place of the  graphic button in the main menu.

NOTE The date and time shown on Connect system display must match the actual date and time, even after disconnecting of the conventional battery. Adjust it from the "Settings" menu of Connect system. Any discrepancy between the date and time

on the display and the actual date and time may be due to a malfunction in Apple CarPlay/Android Auto.

NOTE The use of multiple wireless functions on the smartphone at the same time (Apple CarPlay/Android Auto and wireless charging), as indicated by the smartphone manufacturers, could cause it to overheat, resulting in a limitation of the active functions or its turning off. In this case, it is recommended to connect the system using the USB socket.

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.

Before using Apple CarPlay, enable Siri from "Settings" > "General" > "Siri" on the smartphone.

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. Starting from Android version 10 and higher, the Android Auto app is integrated into the operating system of the smartphone and no downloading is required.

On the first connection, you will have to perform the setup procedure that appears on the smartphone. You can only perform this procedure with the car stationary.

Once connected to the USB port, the Android Auto application establishes a parallel **Bluetooth®** connection.

WIRELESS MODE

You can use Apple CarPlay and Android Auto in Wireless mode, without the need to connect your smartphone to the USB port.

To enable connection to Ubiquiti Wi-Fi, CarPlay and/or Android Auto must be disconnected beforehand.

To configure this mode, follow the procedure for pairing a **Bluetooth®** device. If successfully completed and the connected device supports Wireless mode, confirm that it starts on the message shown on your smartphone display and Connect system display. On subsequent connections, Wireless mode is available automatically.

If a **Bluetooth®** pairing is cancelled, the pairing procedure must be repeated on the "Device Manager" menu.

INTERACTION

After the setup procedure, on connecting your smartphone to the car's USB port, the application will automatically run on the Connect system.



ABC

- ❑ **Apple CarPlay:** To interact with Apple CarPlay press the steering wheel button  (long press) or the "Home" graphic button on the display in Apple CarPlay.
- ❑ **Android Auto:** To interact with Android Auto press the steering wheel button  (long press of the button) or the "Microphone" graphic button on the display in Android Auto (where provided).

NAVIGATION

If the "Nav" mode of the system is already active, or when a device is connected to the car with a navigation session in progress, the system navigation mode is interrupted to continue the navigation session of the device.

The selection can be changed at any time by accessing the chosen navigation system and setting a new destination.

EXITING FROM THE Android Auto APPS AND

Apple CarPlay

To end the Apple CarPlay or Android Auto session, physically disconnect the smartphone from the USB port of the car or using the "Device Manager" menu.

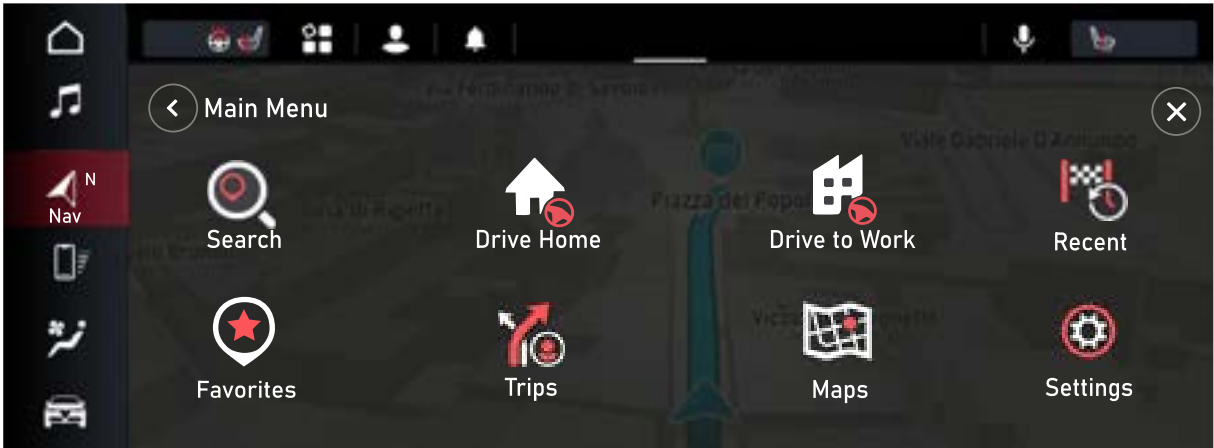
VEHICLE MODE

Pressing the "Vehicle" graphic button to access the pages:

- ❑ "My Car"
- ❑ "Trip" (excluding Hybrid and Plug-In Hybrid Q4 versions)
- ❑ "Electric Vehicle" (Plug-In Hybrid Q4 version)
- ❑ "Performance"
- ❑ "Controls"
- ❑ "Settings"

NAVIGATION

(where provided)

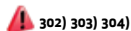


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You can use map view in the same way as you might look at a traditional paper map. You can move around the map using gestures, and zoom using the zoom buttons.

You can find your destination by selecting it on the map, by choosing a saved destination (e.g. "Home" or "Work") or by searching for an address using the "Search" button in the main menu.

After selecting the destination, a route is planned and displayed on the "Map View" screen. On the right-hand side of the display is the route bar, which provides an additional indication of events along the route, such as accidents and speed cameras. The arrival time and remaining distance are also available.

You can choose to view the route via a 3D image in the "Guidance view".

NOTE The navigation system volume can be adjusted during navigation when the system provides voice indications or using the "Volume adjustment" function "Audio settings" menu.

NOTE Using the graphic keypad is only allowed when the car is stationary in some countries. If an attempt is made to enter text (e.g. an address) with the car in motion or if driving is resumed without having completed engagement, a specific warning message will appear on the

display and the operation will be ended. You can also drive more safely by using voice commands to control navigation.

NAVIGATION MAP VIEW

Press the "Nav"  graphic button to show the navigation map on the display.

WHAT'S ON THE SCREEN

Map View

You can use map view in the same way as you might look at a traditional paper map.

You can move around the map using gestures, and zoom using the zoom buttons.

Important: Everything on the map is interactive including the route and the map symbols. Try selecting something and see what it does.

Tip: To open a pop-up menu for an item on the map, for example a route or a POI, select the item to open the menu. To select a location on the map, select and hold the location until the pop-up menu opens.

The map shows your current location, and other places, such as your favorite locations.

If you have not planned a route, the map shows the area around your current location.

If you have planned a route, your complete route is shown on the map. You

can add stops to your route directly from the map.



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1: Next instruction. This gives details of your next junction, the name of the next road, and the distance to the junction. Next to this, there is also brief details of the junction following the next junction.

2: Final destination. This symbol shows your final destination of your current route.

3: Route bar. The route bar is displayed when you have planned a route. It has an arrival information panel at the top, and a bar with symbols underneath. It is possible to hide the route bar in the map view, see Settings.

4: End route button. Use this button to cancel your route. If you click on this button, you see a confirmation screen asking you to confirm that you want to cancel the route.

5: Mute button. Select this button to choose between audio instructions, warning only or no sound

6: Switch view button. Select the switch view button to change between the 3D direction up, 2D direction up, and 2D north up.

7: Current location. This symbol indicates your current position.

8: The **Options** button. Click on this button to go to the route options panel, where you can modify, and get an overview of, your current route.

Map symbols

Symbols are used on the map to show your destination and your saved places:



Your destination



Your home location. You can set your home location in My Places.



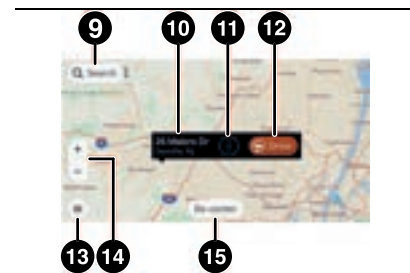
A stop on your route



A location saved in My Places.

Select a map symbol to open the pop-up menu, then select the menu button to see a list of actions you can take.

If you tap and hold anywhere on the map, details of that location will be displayed



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9: Search button. This button gets you to the search function so that you can look for your required destination.

10: Location details. Tap and hold anywhere on the map and you see the details of that location

11: Pop-up menu. Tap on this symbol to open the pop-up menu, which gives you a list of actions you can take.

12: Drive button. This button takes you to the route selection screen, where you can choose your preferred route to the destination.

13: Main Menu button. Tap on this button to get to the main menu.

14: Zoom button (this button only appears when you tap the screen). Select the zoom buttons to zoom in and out.

15: Re-centre button. Tap on this button to put your current location at the centre of the map.

NAVIGATION MAIN MENU

In "Map view" or "Guidance view", tap the "Main menu" button  to open the menu.

The following buttons are available in the main menu:



"Search": select this graphic

button to search for an address, a place or a point of interest, then plan a route to the location.



"Drive Home": Select this graphic

button to drive to your home location. If this button is shown as "Add Home", click on this button to set up your home location.



"Drive to work": Select this

graphic button to drive to your work location. If this button is shown as "Add Work", click on this button to set up your work location



"Favourites": select this button

to show your saved Favourites



ABC



"Recent": Select this graphic button to open the list of your recent destinations. Select a recent destination to plan a route to that destination.



Trips Select this button to show your saved Trips.



"Maps": Select this button to show a list of the maps that are installed. The maps are updated automatically.



"Settings": Select this graphic button to open the "Settings" menu. In the "Settings" menu, you can change the items shown on the navigation display

Other buttons

The following buttons are available in the different displays of the navigation system:



When you have selected a destination, either by clicking on a location on the map, or using the search feature, select this button. The navigation system will find the best route and, if available, two alternative routes. You can select an alternative to avoid tolls or heavy traffic, for example.



Use this button to decide whether to display the results on the map or in a list.



Use this button to access the "Route Options" menu. With an active route, you can change the route from this screen



Select this graphic button to return to the previous screen.



Select this button to return to the "Map view" screen.



Select this button to change between the 3D direction up, 2D direction up, and 2D north up.

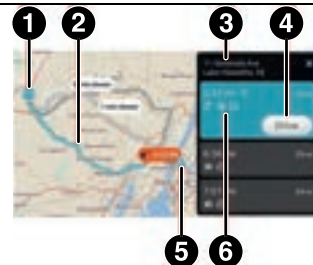


Select this button to choose between hearing instructions, alerts only, or no sound.

Route selection

When you have chosen a destination, and you select **Drive**, the route selection screen appears.

From here, you can select your preferred route from the three options that are given to you



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1: Destination

2: Your route. If available, three routes are shown. The fastest route is highlighted. The other two optional routes are shown with the additional time required.

3: Destination address.

4: Drive button. Click on this button to choose your route and go to the guidance view. The shading of this button also represents the time left to choose another route. If you get to this screen and do not choose another route, the first route will automatically be chosen after ten seconds.

5: Current location.

6: Route details panel. This panel gives you, for the chosen route:

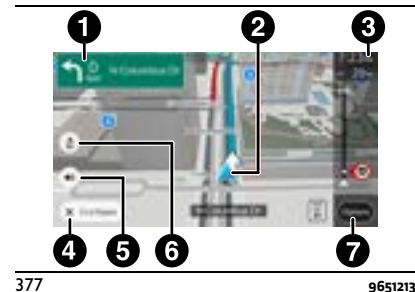
- ☐ The arrival time
- ☐ The distance

- ❑ Any delay on the route (such as traffic jams, roadworks) that affect your arrival time
- ❑ Icons that represent specific features of the route, such as tolls, or motorway, or tunnels, that may affect your journey. You can choose any one of the three routes shown. As you do this, the route is highlighted on the map.

The guidance view

The guidance view is the default view for your TomTom Navigation App. The guidance view is shown when you have selected a route from the route selection screen. You see your current location and details along your route, including 3D buildings in some cities.

The guidance view is normally in 3D direction up. Use the **switch view button** to change between 3D direction up, 2D direction up, and 2D north up.



1: Next instruction. This gives details of your next junction, the name of the next road, and the distance to the junction or manoeuvre.

2: Current location. This symbol shows your current location. Select it to add it to My Places or search near your current location.

3: Route bar. The route bar is shown when you have planned a route. It has an arrival information panel at the top, and a bar with symbols underneath. It is possible to hide the route bar in the guidance view, see Settings.

4: End route button. Use this button to cancel your route.

5: Mute button. Select this button to choose between audio instructions, warning only or no sound.

6: Switch view button. Select the switch view button to change between the 3D direction up, 2D direction up, and 2D north up

7: The **Options** button. Click on this button to go to the route options panel, where you can modify and get an overview of your current route.

The route bar

The route bar is shown when you have planned a route. It has an arrival information panel at the top, and a bar with symbols underneath.

NOTE The distance ahead shown by the route bar depends on the overall length of your route.



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The arrival information panel shows the following information:

- ❑ The estimated time that you will arrive at your destination.
- ❑ The length of time to drive to the destination from your current location.

Tip: If your destination is in a different time zone, you see a plus (+) or a minus (-) sign and the time difference in hours and half hours in the arrival information panel. The estimated time of arrival is

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the local time at your destination. The estimated time of arrival is the local time at your destination

If you have stops on your route, select this panel to change between information about the next stop and your final destination.

You can choose the information you see on the arrival information panel.

The bar uses symbols to show the following information:

- ☐ The stops on your route.
- ☐ The next petrol stations that are directly on your route. To see petrol stations in the route bar, select Settings and then Show. To see the exact location of a petrol station on the map, use Find Petrol Station in Main Menu.
- ☐ Traffic incidents.
- ☐ TomTom speed cameras (where this service is available).

You can choose the information you see on your route.

The symbols are in the order that they occur on your route.

The total time delay due to traffic jams, weather, and other incidents on your route, is shown above the symbols.

The bottom of the route bar represents your current location and shows the distance to the next item, such as a

traffic incident or petrol station, on your route.

If there is no connection to TomTom Traffic services, this symbol is shown at the top of the route bar:



NOTE To make the route bar more readable some items may not be shown. These items will always be of minor importance and only cause short delays. The route bar also shows status messages, for example **Finding fastest route**.

The quick menu

To open the quick menu, select the current location symbol in the guidance view.

You can then do any of the following:

- ☐ Avoid a blocked road (this option is only available if a route is planned)
- ☐ See your current location or your latitude/longitude if not on a named road
- ☐ Report a speed trap.

Using gestures

You use gestures to control your TomTom Navigation App. Here is a complete list of all the gestures you can use.



Double tap

Touch one finger on the screen twice in rapid succession.

Example of when to use this: Zooming in on the map



Drag

Put one finger on the screen and move it across the screen.

Example of when to use this: Scrolling around in the map.



Flick

Flick the tip of a single finger across the screen.

Example of when to use this: Scrolling a big distance on the map.



Press and hold

Put one finger on the screen for more than 0.5 second.

Example of when to use this: Opening the pop-up menu for a place on the map.



Tap or select

Tap a single finger on the screen.

Example of when to use this: Selecting an item in the Main Menu.

Tip: To open a pop-up menu for an item on the map, select and hold the item until the menu opens.

TomTom SERVICES (where applicable) Information on TomTom services

NOTE TomTom Services or parts are not available in all countries or geographic areas and the functions of live TomTom Services is subject to the presence of connectivity in the country of use. For more information on available services in each region, go to tomtom.com/services (<https://uk.support.tomtom.com/app/content>)

The following TomTom Services may be available for the navigation system.

- ☐ Traffic
- ☐ Speed Cameras
- ☐ Weather
- ☐ Online Search

About TomTom services subscription

The connected services compatible with your car are included in the car offer. At the end of the initial period, you can renew the subscription by renewing the My Navigation package at the conditions indicated on the website <https://myalfaconnect.alfaromeo.com>.

Weather services

(only available through subscription to TomTom Services)

The TomTom Weather service provides detailed reports and 5-day forecasts

for towns and cities. The information is provided by local weather stations and is updated hourly.

You can get a weather report for your current location or you can get a report your destination or a place you have searched for.

1: Select the Weather app. The weather forecast is shown for today at your current location.



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2: Select the down arrow to scroll down to an overview for today.



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TRAFFIC

About TomTom Traffic

TomTom Traffic is a TomTom service providing real-time traffic information.

In combination with historical road usage data, TomTom Traffic helps you plan the optimum route to your destination taking into account the current local traffic conditions.

Your TomTom Navigation App regularly receives information about the changing traffic conditions. If traffic jams, heavy rain, snow or other incidents are found on your current route, your TomTom Navigation App will offer to replan your route to try and avoid any delays.

Looking at traffic on the map

Traffic incidents are shown on the map. If several traffic incidents overlap the highest priority incident is shown - for example, a road closure is higher priority than road works or a closed lane.



ABC

Tip: Select an incident on the map to see more detailed information.



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1: Traffic incident that affects your route in your direction of travel. A symbol or number at the start of the incident shows the type of incident or the delay in minutes, for example 1 minutes. This is also shown on the route bar. The colour of the incident indicates the speed of traffic relative to the maximum allowed speed at that location, with red being the slowest. Red indicates the lowest value. The stripes on the traffic jam are also animated to show the speed of the traffic, where appropriate. For a complete list of incident types, see Traffic incidents.

2: Roadworks not on your route but near your location.

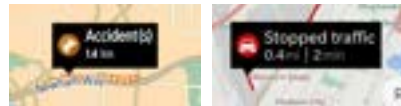
Looking at traffic on your route

Information about traffic incidents on your route is shown in the route bar on the right-hand side of the map.

The route bar tells you about traffic delays while you are driving, using symbols to show you where each traffic incident is located on your route.

NOTE To make the route bar more readable, some incidents may not be shown. These incidents will always be of minor importance and only cause short delays.

To get more information about an incident, select an incident in the route bar. The map opens zoomed in on the incident and a pop-up opens showing detailed information about the traffic incident.



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The information shown can include the following:

□ The type of traffic incident - general,

accident, road works, lane closure or weather such as heavy rain or snow

□ The severity of the incident - slow traffic, queuing traffic or stationary traffic

□ The delay time

□ The length of the incident

For a complete list of incident types, see Traffic incidents.

Select the back button to go back to the guidance view.

Traffic incidents

The following traffic incident symbols are used in the map view and in the route bar to show the cause of a traffic jam:



Traffic



Accident



Dangerous conditions



Roadworks



Lane closure



Entry/Exit



Road closure



Rain



Fog



Ice or snow



Wind

The symbol or number at the start of the incident shows the type of incident or the delay in minutes, for example 4 minutes.

The colour of the incident indicates the speed of traffic relative to the maximum allowed speed at that location, with red being the slowest. Red indicates the lowest value.

The stripes on the traffic jam are also animated to show the speed of the traffic, where appropriate.



Traffic speed is normal



Traffic speed is 40% to 100% of the allowed speed



Traffic speed is 20% to 40% of the allowed speed



Traffic speed is 0% to 20% of the allowed speed.



Road closed, no traffic

Moving Lane Guidance

NOTE lane guidance is not available for all road junctions or in all countries.

Moving Lane Guidance helps you prepare for motorway exits and junctions by showing the correct driving lane for your planned route.

As you approach an exit or junction, the lane you need is shown on the screen.

Tip: To close the lane image, select anywhere on the screen.

You can choose if moving lane guidance is shown or not. Access **Show**, in the Settings menu to change the setting

Lane guidance on motorways

Time-dependent speed limits

Some speed limits change depending on the time of day. For example, you may see the speed limit in urban areas decrease in the morning between 8 - 9 o'clock and in the afternoon between 3 - 4 o'clock. Where possible, the speed limit shown in the speed panel changes to show these variable speed limits.

Some speed limits change depending on driving conditions. For example, the speed limit will decrease if there is heavy traffic, or the weather conditions

are bad. These variable speed limits are not shown in the speed panel. The speed shown in the speed panel is the maximum speed limit allowed in good driving conditions

Important: The speed limit shown in the speed panel is only an indication. You must always obey the actual speed limit for the road you are on and the conditions you are driving in.

ROUTE PLANNING

About search

You can use the search feature to find a wide range of places and then navigate to them.

Online Search

If your navigation system is connected to TomTom Services, online search information is also available.

You can search for the following:

- ☐ A specific address, for example, type in **123 Oxford Street, London**
- ☐ A partial address, for example, type in **Oxford st Lon**
- ☐ A type of place, for example, type in **petrol station or restaurant**
- ☐ A place by name, for example, type in **Starbucks**
- ☐ A postcode, for example, type in **W1D 1LL** for Oxford Street, **London**

Tip: To search for a specific street in the United Kingdom or the Netherlands,



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type in a postcode, then leave a space and then type in the house number, for example, "**1017CT35**". For other countries, postcodes are area-based and will give you a list of matching cities, towns and streets in your search results.

❑ A city to navigate to a city centre, for example, type in **London**

❑ A POI (Point of Interest) near your current location, for example, type in **restaurant near me**

❑ A mapcode, for example, type in **WH6SLTR10**

❑ Latitude and longitude coordinates, for example, type in: **N 51°30'31" W 0°08'34"**

Entering search terms

Select **Search** in the Main menu to start searching for addresses and POIs. The search screen opens showing the keyboard and the following features:



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1: Back button.

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Select this button to return to the previous screen.

2: Search input box.

Enter your search term here. As you type, matching addresses and POIs are displayed.

Tip: To edit, select a word you have already typed to place the cursor. You can then insert or delete characters.

3: Type of search.

By default, the whole of the current map is searched. By default, the whole of the current map is searched. Once you have used search, the last search type you selected is used. Select this button to change the type of search to any of the following.



Whole map

Select this option to search within the current map with unlimited range. Your current location is the centre of the search. The results are ranked by exact match.



In town or city

Select this option to use a town or a city as the central point of the search. You need to enter the town or city name using the keyboard. When you have selected the town or city from the results list, you

can search for an address or POI in that city.



Along route

When a route has been planned, you can select this option to search along your route for a specific type of location, for example, petrol stations. When prompted, enter the type of location and then select it in the right-hand column to carry out the search.



Near destination

When a route has been planned, you can select this option to use your destination as the centre for your search



Latitude Longitude Select

this option to enter a pair of latitude longitude coordinates.

4: Cancel search button.

Select this button to return to the map view or guidance view.

5: Keyboard switch button.

Select this button to switch between a keyboard with letters and numbers, and a keyboard with numbers and symbols.

Tip: Select the **Shift** key once to make the next letter you type upper case. Double tap the **Shift** key to use Caps-Lock where all the letters you type are

upper case. Select the **Shift** key once to quit Caps-Lock.

Tip: To cancel a search, select the map/guidance view button in the top right-hand corner of the screen.

Entering search items with your voice

The following voice commands can be given after pressing the **Voice** button on the steering wheel:

- ❑ Find POI (Point Of Interest)
- ❑ Go to "address"
- ❑ Go to "city name" centre
- ❑ Drive towards a town centre.

Working with search results

Tip: To see more results, hide the keyboard or scroll down the results list.

Tip: You can switch between seeing the results on the map or in a list by selecting the list/map button: 



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When you select an address from the list of search results, you can choose to show

it on the map, add a crossroad or plan a route to that chosen location. To get an exact address you can add the house number.

If you show the result on the map, you can use the pop-up menu to add the location to My Favorites, or use it as your starting point. If a route is already planned, you can add the location to your current route.



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NOTE The best search results are shown on the map. When you zoom in, the lower ranked search results are gradually shown.

Planning a route to a POI using search

Important: In the interest of safety and to avoid distractions while you are driving, you should always plan a route before you start driving.

To plan a route to a POI type or a specific POI using search, do the following:

1: Select Search



The search screen opens with the keyboard showing.

2: Use the keyboard to enter the name of the place you want to plan a route to.



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You can search for a POI (Point of Interest) type, such as a restaurant or tourist attraction. Alternatively, you can search for a specific POI, for example "Rosie's Pizzeria".

NOTE When searching, the whole map is searched. If you want to change how the search is done, select the button to the right of the search box. You can then change where the search is done, for example along the route or in a city.

3: As you type, suggestions based on what you have entered are shown.



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You can continue typing or select a suggestion.



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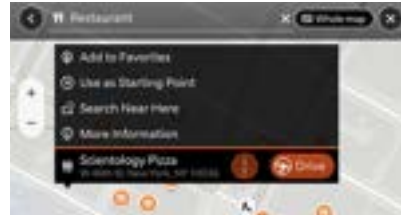
Tip: To see more results, hide the keyboard or scroll down the results list.



Tip: You can switch between seeing the results on the map or in a list by selecting the list/map button:

4: Select a POI type or an individual POI. If you selected a POI type, select a POI. The location is shown on the map.

5: To display further information about the POI, select the POI on the map, then select the button from the pop-up menu. Select **More Information** on the pop-up menu.



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You see more information about the POI such as the phone number, full address and email.

6: To plan a route towards the destination, select the "Guide" button



A route is planned and then guidance to your destination begins. As soon as you start driving, the guidance view is shown automatically.

Tip: If your destination is in a different time zone, you see a plus (+) or a minus (-) sign and the time difference in hours and half hours in the arrival information panel. The estimated time of arrival is the local time at your destination. The estimated time of arrival is the local time at your destination.

Tip: You can add a stop to a route that you have already planned.

Tip: You can save a route using My Routes.

Planning a route using the map

Important: In the interest of safety and to avoid distractions while you are driving, you should always plan a route before you start driving.

To plan a route using the map, do the following:

1: Move the map and zoom in until you can see the destination that you want to navigate to.

Tip: You can also select a map symbol to open the pop-up menu, then select the Drive button to plan a route to that location.

2: When you have found your destination on the map, select it by pressing and holding the screen for about one second. A pop-up menu will be displayed, indicating the nearest address.



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3: To plan a route to this destination, select **Drive**. A route is planned and then guidance to your destination begins.

Tip: You can use the location you selected in other ways, such as adding it to Favourites, by selecting the pop-up menu button.



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Tip: If your destination is in a different time zone, you see a plus (+) or a minus (-) sign and the time difference in hours and half hours in the arrival information panel. The estimated time of arrival is the local time at your destination. The estimated time of arrival is the local time at your destination.

Tip: You can add a stop to a route that you have already planned.

Tip: You can save a route using Trips.

Planning a route using Favorites

To navigate to one of your Favorites from your current location, do the following:

1: Select **Favourites** from the Main Menu



A list of all your Favorites opens.



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2: Select the Favourite that you want to navigate to, for example Home. Your chosen Favourite is shown on the map with a pop-up menu.



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3: To plan a route to this destination, select Drive. A route is planned and then guidance to your destination begins.

Tip: If your destination is in a different time zone, you see a plus (+) or a minus (-) sign and the time difference in hours and half hours in the arrival information panel. The estimated time of arrival is the local time at your destination. The estimated time of arrival is the local time at your destination.

Tip: You can add a stop to a route that you have already planned.

Tip: You can save a route using Trips.

Planning a trip in advance

You can plan a trip in advance before you drive it. You can save the route as part of your Trips list.

To plan a trip in advance, do the following:

1: Select Search from the Main Menu



The search screen opens with the keyboard showing.

2: Use the keyboard to enter the name of the location you want to use as a starting point.

3: Select an address or POI suggestion. When you select the POI, it shows on the map.

4: Select the pop-up menu button. A pop-up menu shows a list of options.



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5: Select **Use as starting point**

6: Repeat the search steps to choose your destination, and then select the drive button in the pop-up menu:

Your trip is planned using your chosen starting point and destination. The estimated time of arrival is shown at the top of the route bar.

Tip: If you don't want to use search to choose your starting point and destination, go to the map view and press and hold to select a location.

Tip: Stops, POIs, Places and the destination can all be selected as starting points using their pop-up menus.

Changing the starting point into a stop

1: Select the starting point on the route in the map view.

2: Select the pop-up menu button. A pop-up menu shows a list of options.

3: Select Change to a stop. Your route is replanned with the starting point changed into a stop.

Finding a car park

Important: In the interest of safety and to avoid distractions while you are driving, you should always plan a route before you start driving.

To find a car park, do the following:

1: Select the **Parking** POI symbol. The map opens showing the locations of car parks. If a green dot is next to the parking, spaces are available. If you see a red dot, no spaces are available.



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If a route is planned, the map shows car parks near your destination. If a route isn't planned, the map shows car parks near your current location.

To see a list of car parks near your destination, click on the search bar at the top of the screen.

You can select a car park from the list to locate it on the map.

Tip: You can scroll down the list of results using the scroll bar on the right side of the screen.



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If you want to change how the search is done, select the button to the right of the search box. You can then change where the search is carried out, for example, to search near you or the whole map.

2: Select a car park from the map or the list. A pop-up menu opens on the map showing the name of the car park and if there are spaces available.



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3: To plan a route to your chosen car park, select the Drive button: 

A route is planned and then guidance to your destination begins. As soon as you start driving, the guidance view is shown automatically.

Tip: You can add a car park as a stop on your route by using the pop-up menu.

Planning a route - Finding a public charging station

(Plug-In Hybrid Q4 version)

WARNING In the interest of safety and to avoid being distracted while you are driving, you should always plan a route before you start driving.

To find a charging station, do the following:

- ❑ Select the "Main Menu" button to open the corresponding menu

- ❑ Select "EV Charging Station". The map opens showing the identified charging stations



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If a route is planned, the map shows charging stations near your destination. If a route isn't planned, the map shows charging stations near your current location.

You can change the screen to show a list of charging stations by pressing this button.

You can select a charging station from the list to find it on the map.

Tip: you can display all results using the scroll bar on the right of the screen.

- ❑ Select a charging station from the map or list, fig. 398. A pop-up menu opens on the map showing the name of the charging station

- ❑ To plan a route towards the selected charging station, select the "Guida" button. A route is planned and then

guidance to your destination begins. As soon as you start driving, the guidance view is shown automatically



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Tip: You can add a charging station as a stop on your route by using the pop-up menu. The charging stations that are set as a stop on your route have a blue icon.

Charging connectors

(Plug-In Hybrid Q4 version)

Select "Settings" in the Main Menu, then select "Charging Connectors".

You can choose the correct charging connector to be used when searching for a charging station. The charging connector supplied with the car is already selected, fig. 399.



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Finding a petrol station

Important: In the interest of safety and to avoid distractions while you are driving, you should always plan a route before you start driving.

To find a petrol station, do the following:

1: Select **Petrol Station** POI symbol.

The map opens showing the locations of petrol stations. You will also see the fuel price, if available.



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If a route is planned, the map shows petrol stations along your route. If a route isn't planned, the map shows petrol stations near your current location.

To see a list of petrol stations near your destination, click on the search bar at the top of the screen.

You can select a petrol station from the list to locate it on the map.

Tip: You can scroll down the list of results using the scroll bar on the right side of the screen.



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If you want to change how the search is done, select the button to the right of the search box. You can then change where the search is carried out, for example, to search near you or the whole map.

2: Select a petrol station from the map or the list. A pop-up menu opens on the map showing the name of the petrol station.



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To plan a route to your chosen service station, select the Drive button: .

A route is planned and then guidance to your destination begins. As soon as you start driving, the guidance view is shown automatically.

Tip: You can add a petrol station as a stop on your route by using the pop-up menu. A petrol station that is a stop on your route has a blue icon.

Range assist

The range assist feature helps you to act on low fuel or low battery warnings and lets you know if you can reach your destination.

The range assist feature can be selected in the Show menu, in Settings.

When the range assist feature is set to ON, and there is no route is active, a range is highlighted on the map view. The highlighted area shows how far you can travel with your current fuel or charge.



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When planning your trip, your TomTom Navigation App tells you if the first upcoming stop is not within reach and helps you to find a POI to solve this.

If on your trip, an unexpected amount of fuel or charge has been used, and the destination is now not within range, this will be highlighted on the map view, with if possible, a solution (petrol station or charging station). The end of the reachable part is shown on the map by an icon on top of the route, and is also shown on the route bar.



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You will also get an alert. You can choose if you want to get the alert by selecting **Reachable range too low** in the Sounds and Alerts menu.

Last mile navigation

The last mile navigation feature helps you to navigate to your final destination when it is not possible to reach it in your car and you have to walk.

Once you have parked your car and the ignition is switched off, the details of the final destination are sent your **Connect** app on your phone, and a route will be suggested.

This will only happen if the distance from your parked car to the final destination is greater than 300m and less than 2km.

The range assist feature can be selected in the Routing menu, in Settings.

CHANGING YOUR ROUTE

The route options panel

When you have planned a route, select the **Route options** button at the bottom right corner of the screen to open the Route Options Panel.

The following buttons are available in the menu:



Route Overview

Select this button see the route in the map view. If you are already seeing the

route overview, you can use this button to return to the guidance view.



Find Alternative

You see this button when you have planned a route. Select this button to show up to three alternative routes on the map view.



Turn-by-turn Instructions

Select this button to display a detailed list of instructions for your planned route.

The instructions include the following:

- ☐ The street name.
- ☐ Up to two road numbers shown in road shields whenever available.
- ☐ An instruction arrow.
- ☐ An instruction description.
- ☐ The distance between two consecutive instructions.
- ☐ Exit number

Tip: Select an instruction to see a preview of that section of the route in the map view.

You can also select the instruction panel in the guidance view to see turn-by-turn text instructions.



Avoid Blocked Road



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Select this button to avoid an unexpected obstacle that is blocking the road on your route.



Avoid Road Types

Select this button to avoid some types of route features that are on your currently planned route. These include ferries, toll roads and unpaved roads



Avoid Part of Route

Select this button to avoid part of a route.



Avoid Toll Roads and More

Select this button to avoid some route features that are on your currently planned route. These include ferries, toll roads and unpaved roads



Change Route Type

Select this button to change the type of route used to plan your route. Your route will be recalculated using the new route type.



Report Speed Trap

Select this button to report a speed trap.



Reorder Stops

Select this button to see the lists of stops for your current route. You can then change the order of the stops on a route.

For a route without stops, you can also select this button to reverse your route.



Settings

Select this button to go the Settings menu.

Avoiding a blocked road

If there is a blocked road on your route you can change your route to avoid it.

1: In the guidance view, select the current location symbol or the speed panel.

Tip: The speed panel is only shown when you have started driving on your route.

2: Select **Avoid blocked road**. A new route is found that avoids the blocked road. You may get shown up to two alternatives depending on the road network between you and your destination.

The new route is shown on the map view with the difference in travel time in a balloon.

NOTE It may not be possible to find an alternative route around the blocked road if none exists.

3: Select the new route by selecting the time balloon. Guidance to your destination resumes avoiding the blocked road. As soon as you start driving, the guidance view is shown automatically.

Avoiding part of a route

If part of a road is blocked or you wish to avoid part of a route, you can select a specific section of a route to avoid.

1: From the map or guidance view, click on the **Options** button.

2: Select **Avoid part of route**.



A screen opens showing a list of the sections that comprise your current route.

3: Select the section of the route that you want to avoid. A preview displays the section you have chosen on the map.

4: Select **Avoid**. A new route is found that avoids your chosen route section. The new route is shown on the map view.

NOTE It may not be possible to find an alternative route.

Guidance to your destination resumes avoiding your chosen route section. As soon as you start driving, the guidance view is shown automatically.

Types of route

Select “Change Route Type” to change the type of route planned to your current destination. Your route is recalculated using the new route type.

You can select the following types of route:

- ❑ **Fastest route:** the fastest route to your destination. Your route is constantly checked taking into account the traffic conditions.
- ❑ **Shortest route:** the shortest route to your destination. This may take much longer than the fastest route.
- ❑ **Most eco-friendly route** the most fuel-efficient route.

You can set the default route type in the Settings Menu

Route features

You can choose to avoid some features that are on your currently planned route. Some examples are shown below.

- ❑ **Motorways**
- ❑ **Toll Roads**
- ❑ **Ferries and car shuttle trains**
- ❑ **Carpool Lanes**
- ❑ **Unpaved Roads**

NOTE Carpool lanes are sometimes known as High Occupancy Vehicle Lanes (HOV lanes) and are not present in every country. To travel on these lanes, you may need to have more than one person

in the car, for example, or the car may need to use environmentally-friendly fuel.

If you choose to avoid a route feature, a new route is planned.

In Route Planning in the Settings Menu, you can set how each route feature is handled when a new route is planned.

Deleting a stop from your route

1: In the route bar, press the stop you want to delete. The map zooms in to the stop and shows a pop-up menu.

Tip: If you select the wrong stop press the back button to return to the map.

2: Select **Delete This Stop**. The stop is deleted and your route is recalculated.

Skipping the next stop on your route

1: In the Main Menu, select **Current Route**.

2: Select **Skip Next Stop**. The map view is shown. The next stop on your route is deleted and your route is recalculated.

Reordering stops on a route

1: From the map or guidance view, click on the **Options** button.

2: Select **Reorder Stops**. The map view is shown. The starting point, destination and all the stops are shown.

3: Select the stops one by one in the order you wish to drive them. The symbols change to a flag as you select each stop. The last stop you select

becomes your destination. Your route is recalculated with the stops in the changed order.

TRAVEL

About Trips

The **Trips** feature provides an easy way to save and retrieve routes and tracks.

You may want to use Trips in one or more of the following situations:

❑ **While working** Your job involves driving several routes with multiple stops on a daily basis. Your trips can change and you need to be flexible and be able to change the order of your stops or change the planned route.

❑ **While on holiday** You are going on holiday and want to plan and save a trip. Your trip includes scenic roads, stops at various hotels, and other places like tourist attractions.

❑ **While touring:** You want to follow a tour you have downloaded from the Internet, or drive a trip another user has shared with you.

❑ **While commuting to work:** You want to add one or two regular stops between home and work. Your trip back home in the evening is the reverse of your trip to work in the morning.

Routes can be created and saved on your TomTom Navigation App.



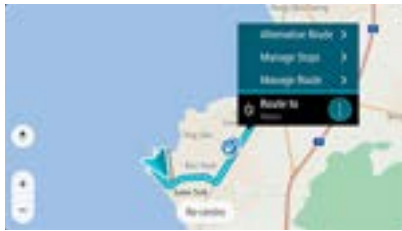
Saving a trip

1: Plan a trip using the steps described in Planning a trip.

Tip: If you cannot see your planned trip on the map view, select the back button to show your trip.

2: Select the trip.

3: Select the pop-up menu button to open the menu.



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4: Select **Manage trip**, then **Add to trips**. The name of the trip is shown in the edit screen.

5: Edit the name of the trip so that you can easily recognise it.

6: Save your route in the Trips list.

Tip: You can also save a route using the **Add to Trips** button in the Current Route menu.

Navigating using a saved route

To navigate using a previously saved route, do the following:

1: In the Main Menu, select **Trips**.

2: Select a trip from your list. The trip is shown on the map view.

3: To navigate to the start of the saved route, select **Drive** depending on which device you are using. The starting point of the saved trip is converted to your first stop and then the trip is planned. Guidance to your destination begins from your current location. As soon as you start driving, the guidance view is shown automatically.



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Tip: There are two other ways to navigate using a saved trip:

Select the starting point of the trip.

When the pop-up menu opens, select

Change to a Stop.

Alternatively, select **Drive to Route** in the Current Route menu

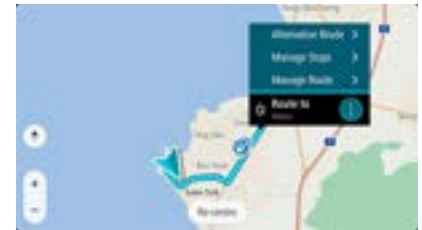
Adding a stop to a saved trip using the map

NOTE You can also press and hold a location on the map and select **Add to Current Route** from the pop-up menu.

1: Press the switch view button to show the map. Your complete route is shown on the map.

2: Select the route

3: Select the pop-up menu button to open the menu.



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4: Select **Manage Stops**.

5: Select **Add Stop to Route**.

6: Select your new stop on the map.

Tip: If you know the name of your new stop, you can use Search to select your stop instead of using the map.

7: Select the **Add Stop** button to add this location as a stop. Your route is recalculated to include your stop.

Tip: To update the saved route in your My Routes list with the changes, select

the route on the map then select **Save Changes to Route** in the pop-up menu.

Deleting a route from Trips

1: In the Main Menu, select **Trips**.

2: Select **Edit List**.

3: Select the trip that you want to delete.

4: Select **Delete**.

The Speed Cameras service also warns you about the following hazards:

- ☐ Accident blackspot locations.

Important: The Speed Cameras service isn't available in all countries. For example, in France, TomTom offers a Danger Zone service instead and in Switzerland, no speed camera services are permitted at all. In Germany, you are responsible for switching the Speed Cameras service on or off. The issue of the legality of using speed camera services in Germany and other EU countries is not unique. You therefore use this service at your own risk. TomTom accepts no liability arising from the use of this service.

SPEED CAMERAS

About speed cameras

The Speed Cameras service warns you about the following camera locations:

- ☐ Fixed speed camera locations.
- ☐ Mobile speed camera locations.

- ☐ Average speed camera locations.
- ☐ Speed enforcement zones.
- ☐ Red light camera locations.
- ☐ Traffic restriction cameras.

Crossing into another area or country

NOTE When you drive into an area or country that does not permit speed camera warnings, your TomTom Navigation App switches the TomTom speed cameras service off. You will not receive speed camera warnings in those areas or countries.

Some areas or countries permit limited speed camera warnings, for example only warnings for fixed cameras, or warnings for risk zones. Your TomTom Navigation App automatically switches to give limited warnings when you cross into those areas or countries.

Speed camera warnings

Warnings are given as you approach a speed camera. You are warned in several ways:

- ☐ A symbol is shown in the route bar and on your route on the map.
- ☐ Your distance to the speed camera and the speed limit are shown in the route bar.
- ☐ You hear a warning sound as you approach the speed camera.
- ☐ While you are approaching a camera or driving in an average speed check area, your speed is monitored. If you

drive more than 5 km/h or 3 mph over the speed limit the route bar turns red. If you drive less than 5 km/h or 3 mph over the speed limit the route bar turns orange.

Tip: In the map view or guidance view, you can select a speed camera symbol in the route bar to see the type of camera, the maximum speed and also the length of an average speed check area. In the map view, you can also select a speed camera that is shown on your route.



IMPORTANT

302) Death or serious injury could result from failure or partial failure to follow these warnings and instructions. Failure to properly set up, use, and care for this device can increase the risk of serious injury or death, or damage to the device.

303) It is your responsibility to use best judgment, due care and attention when using this device. Don't allow interaction with this device to distract you while driving. Minimise the time spent looking at the device screen while driving. You are responsible for observing laws that limit or prohibit the use of mobile phones or other electronic devices, for example, the requirement to use hands-free options for making calls when driving. Always obey applicable laws and road signs, especially those relating to your vehicle's dimensions, weight and payload type. TomTom does not guarantee the error-free operation of this device nor the accuracy of route



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suggestions provided and shall not be liable for any penalties arising from your failure to comply with applicable laws and regulations.

304) *Devices without a truck or camper map installed will not provide appropriate routes for oversized/commercial vehicles. If your car is subject to weight, dimension, speed, route, or other restrictions on a public road then you must only use a device that has a truck or camper map installed. Your car specifications must be entered accurately on the device. Use this device as a navigation aid only. Do not follow navigation instructions which may put you or other road users in danger. TomTom accepts no liability for damages resulting from your failure to observe this notice.*

| Symbol shown on map | Symbol shown in route bar | Description |
|---|---|---|
|  |  | Fixed speed camera this type of camera checks the speed of passing vehicles and is fixed in one place. |
|  |  | Mobile speed camera: this type of camera checks the speed of passing vehicles and can be moved to different locations. |
|  |  | Mobile speed camera hotspots: this type of warning shows places where mobile cameras are often used. |
|  |  | Average speed cameras: these types of cameras measure your average speed between two points. You are warned at the start and end of the average speed check area. While you are driving in an average speed check area, your average speed is shown, instead of your current speed. The distance to the end of the area is shown in the route bar. |
|  |  | Speed enforcement zones - these zones can contain multiple speed cameras. You are warned at the start and end of a speed enforcement zone. While you are driving in a speed enforcement zone, your current speed is shown, and a visual warning is shown in the route bar. |
|  |  | Red light camera - this type of camera checks for vehicles breaking traffic rules at traffic lights. There are two types of traffic light camera - those which check if you drive through a red light and those which check for driving through a red light together with speeding. |
|  |  | Traffic restriction - this type of warning warns you about restricted roads. |



| Symbol shown on map | Symbol shown in route bar | Description |
|---|---|--|
|  |  | Accident blackspot - this type of warning is given for a place where road traffic accidents have historically been concentrated. You are warned at the start and end of the accident blackspot. While you are driving in an accident blackspot, your current speed is shown and a visual warning is shown in the route bar. |

Changing the way you are warned

To change the speed camera warnings, select "Sounds and warnings" from the "Settings" menu.



You can then set how you want to be warned for the different types of cameras and hazards. You can choose to be warned, warned only if you are speeding, or never warned.

FAVOURITES

About Favourites

Favourites provides an easy way to select a location without the need to search for the location each time. You can use Favorites to create a collection of useful addresses.

Tip: The terms "favourite" and "place" mean the same thing - favourites are places that you go to often.

The following items are always in Favorites:

❑ **Home:** Your home location can be your home address or somewhere you often visit. This feature provides an easy way to navigate there

❑ **Work:** Your work location can be your workplace address or somewhere you visit often. This function offers a simple way to reach the location

❑ **Recent destinations:** Select this button to select your destination from a list of locations you have recently used as destinations. These also include your stops.

❑ **Marked locations** - You can mark a location and temporarily add it to My Places.



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You can add a location to Favorites directly in Favorites, by selecting a location from the map, by searching for a location or by marking a location.

Your home location, work location, marked locations and the locations that you have added appear in a list in Favorites and are shown with a marker on the map.



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Setting your home or work location

You can set your home or work locations in the following ways:

Setting your home or work location using Favorites

1: In the Main Menu, select **Settings**.

2: Select **Add Home** or **Add Work** from the main menu.

Tip: To set your home location, you can also select **Add Home** or **Add Work** from the main menu.

3: To select a location for home or work, do one of the following:

❑ Zoom in on the map at the location you want to select. Press and hold to select the location, then select **Set**.

❑ Select the Search button and search for a location. Select a location to set as home or work, then select **Set**.



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Setting your home or work location using the map

1: In the map view, move the map and zoom in until you can see your home or work location.

2: Press and hold to select the location. A pop-up menu will be displayed, indicating the nearest address.

3: Open the pop-up menu and select **Add to Favourites**.

4: In the name bar, enter the name "Home" or "Work".

NOTE : "Home" must have a capital letter H and "Work" must have a capital letter W.

5: Save the location. Your home or work location is shown on the map.

Changing your home location

You can change your home location in the following ways.

Changing the home location using Favourites

1: In the Main Menu, select **Settings**.

2: Select **Home**.

Your home location is shown on the map with a pop-up menu.



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3: Select **Edit Location**.

4: To select a new home location, do one of the following.

☐ Zoom in on the map at the location you want to select. Press and hold to select the location, then select the home location symbol.

☐ Select the **Search** button and search for a location. Select a location to set as home. Select **Set home location**.

Changing your home location using the map

1: In the map view, move the map and zoom in until you can see your new home location.

2: Select the location by pressing and holding the screen for about one second. A pop-up menu will be displayed, indicating the nearest address.

1: Open the pop-up menu and select **Add to Favourites**.

2: In the name bar, enter the name "Home".

Note: "Home" must have a capital letter H.

3: Select **Add**. Your home location is changed to the new location.

Adding a location from Favorites

1: In the Main Menu, select **Settings**.

2: Select **Add**.

3: To select a location, do one of the following.

☐ Zoom in on the map at the location you want to select. Press and hold to select the location, then select the add location symbol.

☐ Search for a location. Select **Show on Map**, then select the add location symbol.

The name of the location appears in the edit screen.

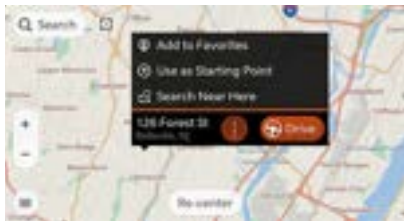
4: Edit the name of the location so you can easily recognise it.

5: Select **Done** to save your location in the My Places list.

Add a location to My Places from the map

1: Move the map and zoom in until you can see the destination that you want to navigate to.

2: Press and hold to select the location.



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3: Select the pop-up menu button. ⓘ

4: Select **Add to Favorites**. The name of the location is shown in the edit screen.

5: Edit the name of the location so you can easily recognise it.

Select **Done** to save your location in your Favorites. The location you added is shown with a marker on the map.

Adding a location to Favorites using search

1: Search for a location.

2: Select the location then select **Show on map**.

3: When the map view shows the location, select the pop-up menu button. ⓘ

4: Select **Add to Favourites**. The location name will be displayed in the edit screen.

5: Edit the name of the location so you can easily recognise it.

6: Select **Done** to save your location in the My Places list.

Deleting a recent destination from Favorites

1: In the Main Menu, select **Settings**.

2: Select **Recent Destinations**.

3: Select **Edit List**.

4: Select the destinations you want to delete.

5: Select **Delete**.

Deleting a location from Favorites

1: In the Main Menu, select **Settings**.

2: Select the locations you want to delete.

3: Select **Delete**.

SETTINGS

Show

Select Settings in the Main Menu, then select **Show**.



On this screen, you can change these settings:

☐ **Traffic Flow**

Select this option if you want to display traffic flow on the map view and guidance view.

☐ **Arrival Time & Distance**

Select Arrival Time & Distance this to choose what arrival information that you will be shown.

☐ **Sidebar**

Select this to change the size of the route bar. The large route bar is not shown by default. You can select this setting to switch on the large route bar in the guidance view. You can also choose to hide the route bar.

☐ **Show vehicle range**

Select Show vehicle range to see a representation of your vehicle range on the map view.

☐ **Point Of Interest**

Select the button to select which Point of Interest (POIs) are shown on your route and on the map.

Arrival Time & Distance

Select Arrival information to change the following settings:

☐ **Show remaining distance.**

Select this setting to show the remaining distance left to travel in the arrival information panel during navigation.

☐ **Show remaining time**

Select this setting to show the remaining time left to travel in the arrival information panel during navigation.

☐ **Both**



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Select this setting to show both the remaining distance and the remaining time in the arrival information panel.

☐ **Show arrival information for**

Use this setting to control whether you want to see arrival information for the final the next stop in the arrival information panel.

Map View

Select Settings in the main menu, then select **Map View**.



You can choose what you see on the map:

☐ **Lane guidance on motorways**

Select this setting to automatically show Moving Lane Guidance when you are on.

☐ **Auto map zoom** Select this setting choose when the map view automatically zooms in during your route navigation:

- **Zoom in during instructions** The map view zooms in to provide more detail when you need it.

- **Zoom based on route type.**

The map view zooms in when you are on smaller streets, and zooms out when you are on motorways.

- **No auto zoom.**

☐ **Map orientation**

Select this setting to choose the default setting of the map view. Choose between

3D direction up, 2D direction up, and 2D north up.

Routing

Select **Settings** in the Main Menu, then select **Routing**.



From this screen you can choose what type of route is selected for you.

Preferred route type

The types of route you can choose from are as follows:

☐ **Fastest route** - the route which takes the least time.

☐ **Shortest route** - the shortest distance between the locations you set. This may not be the quickest route, especially if the shortest route is through a town or city.

☐ **Most eco-friendly route** - the most fuel-efficient route for your journey.

Avoid

You can choose to avoid ferries and car shuttle trains, toll roads, unpaved roads, carpool lanes, motorways and tunnels. Set how your TomTom Navigation App should manage each of these road features when the device calculates a route.

Carpool lanes are sometimes known as High Occupancy Vehicle Lanes (HOV) and are not present in every country. To

travel on these lanes, you may need to have more than one person in the car, for example, or the car may need to use environmentally-friendly fuel.

Reroute to a faster route is available

If a faster route found while you are driving, TomTom Traffic can replan your journey to use the faster route. Select from the following options:

☐ **Automatic.** Always take the fastest route - the fastest route will always be chosen for you.

☐ **Manual.** Ask me so I can choose - you will be asked if you want to take the faster route. You can manually select the faster route or you can select the route by steering towards it.

☐ **Never.** Don't reroute me: your device will not find faster routes for you.

Send Destination to Phone

Select this option to activate the Last mile navigation feature.

Sounds and Alerts

Select **Settings** in the Main Menu, then select **Sounds & Alerts**



Read out loud

Select this setting to choose which information you want to hear, such as

arrival time, street names, and early instructions.

Alert type

You can select how you want to be alerted of the different types of danger zones and incidents:

- ☐ Visual, sound and verbal
- ☐ Visual and sound
- ☐ Visual only

You can then set how you want to be warned for the different types of danger zones and safety hazards. You can set whether you want to be warned, never warned or warned only if you are speeding.

☐ When speeding

This warning is given as soon as you exceed the speed limit by more than 5 km/h or 3 mph. When you are speeding, the speed panel also turns red in the guidance view.

☐ Traffic jam ahead

This warning is given as soon as you approach a traffic jam.

☐ Reachable range too low

This warning is given when the distance to your destination is too far because of low fuel or low battery. You need to then find a petrol station or charging station.

☐ Speed Cameras

This warning is given when you are approaching a speed camera.

☐ Safety reminders

This type of warning is given for a place where road accidents have historically been concentrated.

Other

Select **Settings** in the Main Menu, then select **Other**.



On this screen, you can see this information:

Privacy

☐ **Record trip history:** Select this setting to choose if your trip history stays in the navigation system.

☐ **Predict frequent destinations:** Select this setting to choose if your navigation system suggests frequent destinations when you are planning a route.

☐ **Predict frequent destinations:** Select this setting to choose if your navigation system suggests frequent destinations when you are planning a route.

☐ **Frequent destinations:** Select this to see a list of your stored frequent destinations. You can then choose which ones you want the navigation system to forget.

About

This screen gives you information about your navigation system, including:

- ☐ Software version
- ☐ Installed map
- ☐ Legal information.

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The location and event code (version 3.2) was provided by ASFINAG.

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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 Alfa Romeo Dealership.

NOTE The dealer may charge for updating the navigation system.

VOICE COMMANDS

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".

The following voice commands can be given after pressing the button on the steering wheel .

- ❑ Find <POI> (Point of Interest) near/along the route
- ❑ Let's go <home>/<to work>
- ❑ Go to <address>

- ❑ Go to the centre of <city name>
- ❑ Drive to <address>/<POI>/<junction>
- ❑ Navigate home
- ❑ Go via home
- ❑ Clear route
- ❑ Recent Destinations
- ❑ Stop at a recent destination
- ❑ 2D view
- ❑ 3D view

ELECTRIC VEHICLE

(Plug-In Hybrid Q4 version)

Proceed as follows:

- ❑ select the "Vehicle" graphic button and then "E-Hybrid";
- ❑ if the charging cable is connected to the car, select the "Activate PHEV" function. The Connect system display will show the list of available screens:

- "Power Flow";
- "Driving History";
- "Planning";
- "e-Save";
- "Charge Setting".

POWER FLOW

Through the "Power flow" function fig. 412 it is possible to see on the display information related to the distribution of the power consumed/supplied by the systems:

- ❑ "Engine" (power value, expressed in kW, that the heat engine is generating). Based on the car operating conditions, this power is used for car movement, to heat the passenger compartment, supply the electric loads and charge the high-voltage battery. The operation of the heat engine is monitored in order to minimize fuel consumption
- ❑ "Battery" (peak power value, expressed in kW, that the high voltage battery is able to supply/ absorb. This power supplies the front and rear electric motors and car loads
- ❑ "Climate" (power value, expressed in kW, that the automatic dual-zone climate control system is using to maintain the set air temperature value inside the passenger compartment)



412

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NOTE During deceleration energy recovery operations ("eBraking" or "eCoasting") the power value of the

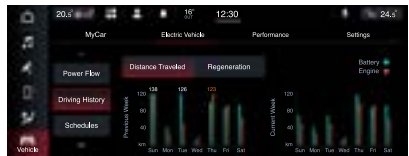
high-voltage battery displayed on the Connect system display may be negative.

NOTE The distribution of the power flows is shown graphically using arrows on Connect system display.

DRIVING HISTORY

Using the "Driving History" function, you can see the graphs (relating to the "Previous Week" and "Current Week") on the display with information regarding:

- ❑ "Distance travelled" (values expressed in km or mi), fig. 413
- ❑ "Regeneration" (energy value, expressed in kWh), fig. 414



413 9651137



414 9651138

Distance travelled

The graphic bars shown on the display (referring to "Previous Week" and "Current Week") indicate the distance travelled (in km or mi) in one day in electric operation mode ("Advanced Efficiency") or hybrid operating mode.

The **blue** bars refer to operation with the electric motor. The **amber** bars refer to operation with the heat engine.

Regeneration

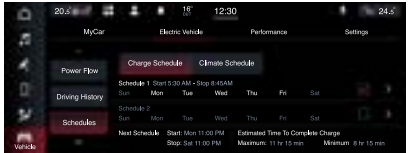
The graphic bars on the display show the value of energy recovered from the high-voltage battery (expressed in kWh) during "eCoasting" and "eBraking" energy recovery operations.

PLANNING

If the charging cable is connected to the car, select "Activate PHEV".

Using the "Schedules" feature fig. 415, you can schedule the automatic dual-zone climate control system and/or the

high voltage battery charging. When charging the vehicle, or if the high-voltage battery is sufficiently charged, you can activate the preconditioning of the passenger compartment before driving.



415 9651139

The display also shows information about "Next Schedules" ("Charge" and "Climate") and "Estimated Time to Complete Charge" ("Maximum" and "Minimum" time).

Charge Schedule

Using this function, fig. 416, you can set the high voltage battery charging by selecting the following settings:

- ❑ "START": time at which to activate the charging procedure. Through this function you can choose the time interval at which to activate the charging procedure
- ❑ "STOP": time when the charging process ends



- ❑ "Repeat Every" day(s) on which to start
- ❑ "Full charge": the charge continues until the high voltage battery is fully charged



416

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NOTE When this is selected, the charge procedure cannot be interrupted. Charging will stop automatically when 100% is reached.

NOTE If the charging schedule is not set, to charge the high-voltage battery simply connect the cable to the power socket (the charging schedule operation does not need to be set).

NOTE If the "Full charge" setting is selected and the charging cable is connected after the schedule start time, the high-voltage battery charging procedure will start the next day (at the same time). If you want to start to charge immediately and continue to charge until the high voltage battery is fully charged, select the setting "Charge Now".

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Climate Schedule

This function fig. 417 is used to set the ignition of the automatic dual-zone climate control system when the engine is turned off by selecting the following settings:

- ❑ "DEPARTURE TIME": time you wish to leave. The car preconditioning activation time will be managed autonomously by the car
- ❑ "Always (Even when not connected)": enables the air conditioning system of the passenger compartment when the high-voltage battery charge status is below 25%. The preconditioning is active even if the charging cable is not connected to the charging port
- ❑ "Charging: When connected": allows you to repeat the function for the selected days of the week (the days are at the bottom of the screen)



417

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NOTE In case of low battery voltage, or in very cold/very hot weather conditions,

remember to connect the car to a power supply to enable programming of the automatic bi-zone climate control.

NOTE The temperature set by the automatic dual-zone climate control system is the temperature selected before the engine or climate control system is turned off.

NOTE To stop the "Climate Schedule" procedure, either start the engine or press the OFF button on the automatic dual-zone climate control system panel.

NOTE Before the comfort temperature is reached, press and release the door unlocking button located on the key with remote control, or on the handle of the driver's door (for versions with the Passive Entry system) to unlock the doors and turn off the alarm (where provided). Afterwards, before the comfort temperature is reached, press and release the ignition device.

NOTE Activating "Always (Even when not connected)" will temporarily suspend the high-voltage battery charging function. This depends on the power consumption of the automatic dual-zone climate control system compared to that provided by the public charging station: in case of redundancy, the air conditioning will be activated and charging will be carried out.

NOTE The schedule of the automatic dual-zone climate control system can

be activated only under the following conditions:

- ❑ Doors closed properly
- ❑ Bonnet closed properly
- ❑ Tailgate closed properly
- ❑ Brake pedal not pressed
- ❑ Hazard warning lights button not pressed
- ❑ Alarm (where provided) not active
- ❑ Battery voltage at an acceptable charge level
- ❑ Ignition device in the STOP position
- ❑ Transmission in "Park" (P) position
- ❑ Vehicle speed below 5 km/h

NOTE If a problem occurs with the electric motor, the automatic dual-zone climate control system schedule will be deactivated in approx. 3 seconds.

NOTE For safety reasons, windscreen wiper operation is disabled when the automatic dual-zone climate control system schedule is active.

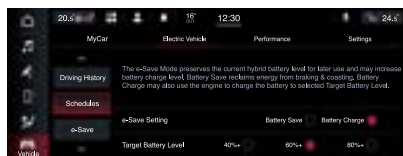
e-Save

The "e-Save" function fig. 418 safeguards the state of charge of the high-voltage battery or uses the heat engine to charge the high-voltage battery.

Activate one of the following functions: "Battery Save" (battery charge status saving) or "Battery charge" (battery charging).

Battery charge

Select "Battery Target Level" to select one of the following battery status maintenance high voltage battery options: "40%+" / "60%+" / "80%+".



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CHARGE SETTINGS

Using the "Charge Setting" function, you can set the power level / current consumption during charging.

Select the displayed level on the display, which ranges from a LOW level ("1") to a HIGH level ("5").

The high voltage battery charge level (expressed as a percentage) is shown graphically on the display fig. 419.

The display also shows information related to:

- ❑ "Battery Level": the state of charge of the high-voltage battery is shown on the left of the display as a percentage
- ❑ "Estimated time to 100%": corresponds to the time required to

obtain full recharging of the high-voltage battery



419

965T141

If problems occur during the charging procedure, a dedicated message will appear on the display suggesting the driver to select a lower level (selecting a lower level will take longer to charge).

NOTE To get an estimate of the time needed for full charge (100%) refer to what is shown on the display and updated in real time.

The electric vehicle (PHEV) can charge the 12 V battery using energy from the high-voltage battery (traction battery). For the correct protection of the 12 V battery, try to keep the traction battery at least 50% charged.



ABC

CONTROLS

The following settings can be made using the "Controls" menu (for versions/markets, where provided):

- ☐ "Do not disturb" (activating the function during a phone call)
- ☐ "Screen off" (display dimming)
- ☐ "Darken rear-view mirror" (electrochromic driving mirror) (where provided)
- ☐ "Rear view camera" (where provided)
- ☐ "Sur. cam" (surround camera) (where provided)
- ☐ "Fold head restraints" (electric folding head restraints, where provided)
- ☐ "Drv heat" (where fitted) (activation of driver's seat heating)
- ☐ "Psg heat" (where fitted) (activation of passenger's seat heating)

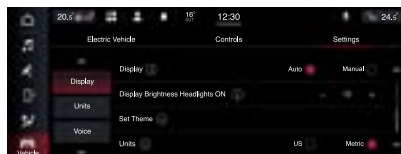
SETTINGS

The "Settings" men, fig. 420, is available with the ignition device in the AVV position.

The "Settings" menu can be accessed in two ways:

- ☐ by pressing the "Settings" graphic button on the status bar
- or
- ☐ from the main page of the function you are currently viewing, bottom right

NOTE The menu items displayed vary according to the versions.



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As a guideline, the "Settings" menu includes the following items:

- ☐ Display
- ☐ My profile
- ☐ Safety & driving assistance
- ☐ Clock & Date
- ☐ Phone/Bluetooth

- ☐ Voice
- ☐ Navigation (where provided)
- ☐ Camera (where provided)
- ☐ Mirrors and Windscreen Wipers
- ☐ Lights
- ☐ Brakes
- ☐ Doors & Locks
- ☐ Key-off options
- ☐ Audio
- ☐ Notifications
- ☐ Radio setup
- ☐ Geolocation (where provided)
- ☐ Software update
- ☐ System information

DISPLAY

Select this item to make the following settings:

- ☐ "Language": to select the language to be set on the system
- ☐ "Display mode": to select "Auto" or "Manual"
- ☐ "Display brightness headlights on": to adjust the brightness of the Connect system display with the headlights on
- ☐ "Display brightness headlights off": to adjust the brightness of the Connect system display with the headlights off
- ☐ "Theme mode": to select "Light" or "Dark" or "Auto"
- ☐ "Units": to select the units of measurement in which distance,

temperature, consumption, inflation pressure are shown on the display

❑ "Touchscreen beep": to select the volume level relative to the pressure of the buttons on the instrument panel and steering wheel

❑ "Show labels on main category bar": to display the labels of the main categories on the graphic bar of the display

❑ "On-board warning volume": to select the volume level of the warnings provided by the instrument panel display; you can select between "Low", "Med", "High"

❑ "Navigator display on dashboard" (where provided): to activate/deactivate the information provided by the Navigator on the instrument panel display

❑ "Phone pop-up on dashboard": to activate/deactivate the repetition on the instrument panel display of the screens relating to the mobile phone function

❑ "Cluster options": to select which content to display in each of the three customisable areas on the instrument panel display ("Clock", "Date", "External temperature", "RTE" (radio information), "Compass" (where provided), "Empty"

MY PROFILE

Select this item to make the following settings:

❑ "Language": to select the language to

be set on the system

❑ "Display mode": to select "Auto" or "Manual"

❑ "Display brightness headlights on": to adjust the brightness of the Connect system display with the headlights on

❑ "Display brightness headlights off": to adjust the brightness of the Connect system display with the headlights off

❑ "Theme mode": to select "Light" or "Dark" or "Auto"

❑ "Units": to select the units of measurement in which distance, temperature, consumption, inflation pressure are shown on the display

❑ "Touchscreen beep": to select the volume level relative to the pressure of the buttons on the instrument panel and steering wheel

❑ "Show labels on main category bar": to display the labels of the main categories on the graphic bar of the display

❑ "Navigator display on dashboard" (where provided): to activate/deactivate the information provided by the Navigator on the instrument panel display

❑ "Phone pop-up on dashboard": to activate/deactivate the repetition on the instrument panel display of the screens relating to the mobile phone function

❑ "Wireless recharge status pop-up": to activate/deactivate the repetition on the instrument panel display of the screens relating to the mobile phone wireless recharging function

❑ "Driving mode pop-up transition mode": to activate/deactivate the repetition of driving mode screens on the instrument panel display

❑ "Time format": to select the time display format (you can choose between "24h" or "12h")

❑ "Voice options": to select the language in which the Connect system provides indications, choosing either "Female" or "Male"

❑ "Password (Off)": to set the password for logging into the Connect system

❑ "Voice barge-in": to interrupt a voice message before it ends

❑ "Show command list": to enable/disable the list of suggestions of possible commands during a voice session

❑ "Radio off delay": to select how long the Connect system will run after the engine is turned off:

- "0 min": the Connect system will switch off when the engine is switched off
- "20 min": the Connect system will remain switched on for 20 minutes



ABC

after the engine has been switched off)

- ❑ "Radio Off upon opening": to activate/deactivate the switching off of the Connect system when the driver's door is opened, or the passenger's door is opened, or at the end of the switch-off time
- ❑ "App menu favourites pop-up": to activate/deactivate the pop-up saved in the favourites on the display
- ❑ "App menu non-favourites pop-up": to activate/deactivate the pop-up saved in the non-favourites on the display
- ❑ "New Text Message pop-ups": to activate/deactivate new received text messages notification
- ❑ "Missed calls message": to activate/deactivate the display of missed calls
- ❑ "Nav pop-ups": to activate/deactivate the display of information provided by the Navigator on the instrument panel display
- ❑ "Traffic announcements": to activate/deactivate automatic tuning to traffic announcements ("TA" function)
- ❑ "DAB Announcements" (where provided): to activate/deactivate automatic tuning to DAB announcements
- ❑ "DAB Announcement Categories" (where provided): selection of announcement categories of interest

from those available. Choosing this item accesses a series of selectable options

- ❑ "Alternative Frequency": to activate/deactivate the automatic tuning to the strongest signal for the station selected ("AF" function)
- ❑ "Regional": to activate/deactivate the automatic tuning to a station which broadcasts regional news ("REG" function)
- ❑ "Cluster options": to activate/deactivate to select which widgets to display on the instrument panel display (only 4 widgets can be selected)
- ❑ "Navigation settings": to display the same menus as Navigation
- ❑ "Audio settings": to set sound-related parameters (bass, treble, etc.)
- ❑ "Restore app menu to default": to reset (restore) previously set apps and restore the default apps
- ❑ "Restore settings to default": to delete the settings from this menu and restore the default settings
- ❑ "More Profile Options": to set the profile (in the photo, remove the manufacturer's account and put in one of your choice)

SAFETY & ASSISTANCE GUIDE

Select this item to make the following settings (where provided):

- ❑ "Autonomous Emergency Braking": to

select the intervention sensitivity of the Autonomous Emergency Braking system.

- The possible options for the "Autonomous Emergency Braking sensitivity" item are: "Near", "Med", "Far"
- ❑ "Lane Keeping Assist: to select the "readiness" of the system to intervene and the force to be applied to the steering wheel to get the car back on in the lane if the Lane Keeping Assist system intervenes
 - The available options for Lane Keeping Assist mode warning are: "Early", "Med", "Late"
 - The available options for "Lane Keeping Assist Strength" are: "Low", "Med", "High"
- ❑ "Rear seat warning": to activate/deactivate the display, on the instrument panel display, of whether or not there is a passenger in the rear seats of the car. If there are no passengers in one or more rear seats, a dedicated symbol is shown in the instrument panel display at the corresponding position. For further information, please refer to chapter "SBA (Seat Belt Alert) System" in the "Safety" section
- ❑ "Intelligent Speed Assist options": to select the tolerance with which the Connect system sets the speed of the Adaptive Cruise Control (ACC)

device. The possible option is "Manual Confirmation"

❑ "New speed limit display": to activate/deactivate the display of the new speed limit when the set speed is exceeded. Possible options are "Off", "Visual", "Visual + Sound". Activate the function on the cluster display to show the speed value

- "Off": system deactivated
- "Visual": the system warns the driver of the new speed limit only by means of visual signals, through the display of dedicated screens
- "Visual + Sound": the system warns the driver that an obstacle is present through sound (using the speakers in the car) and visuals (on the instrument panel)

❑ "Front ParkSense Volume": to select the level of volume provided by the Park Sensors system for the front area of the car. The possible options are "Low", "Med", "High"

❑ "Rear ParkSense Vol.": to select the volume level provided by the Park Sensors system referred to the rear of the car. The possible options are "Low", "Med", "High"

❑ "Driver Attention Assist: to activate/deactivate the display of information provided by the DAA (Driver Attention Assist) system on the instrument panel display. The system

activates automatically each time the engine is started.

❑ "Blind Spot Monitoring": to select the intervention mode of the Blind Spot Monitoring system, which signals the presence of objects in the blind spots of the exterior mirrors. Possible options are "Off", "Lights", "Visual + Sound"

- "Off": system deactivated
- "Visual": the system warns the driver that an obstacle is present through visual indications using warning lights on the door mirrors
- "Visual+ Sound": the system warns the driver that an obstacle is present through sounds (using the speakers in the car) and visual indications using warning lights on the door mirrors

❑ "Passenger airbag": to activate/deactivate the front passenger airbag function. A specific message is shown on the display when the function is opened. Select "Continue" to change the status ("On" or "Off") of the front passenger airbag

❑ "Permanent seat belt warning reset": to activate/deactivate the acoustic warning provided by the SBA (Seat Belt Alert) system

CLOCK & DATE

Select this item to make the following settings:

❑ "Sync time with GPS": to

enable/disable synchronisation of the clock via GPS. If the setting is "OFF", the options "Set time" and "Set date" are activated

❑ "Set time": to adjust the time manually

❑ "Time format": to select the time display format (you can choose between "24h" or "12h")

❑ "Show time in status bar": to activate/deactivate the display of the time on the status bar at the top of the display

❑ "Set date": to adjust the date (day/month/year) manually

❑ "Show time and date with screen off": to activate/deactivate the display of time and date on the Connect system display even when it is off

PHONE / BLUETOOTH

Select this item to make the following settings:

❑ "Device Manager": to set some display parameters (e.g. day/night brightness, etc.)

❑ "Do not disturb all": to activate/deactivate the "Do not disturb" mode when receiving a phone call

❑ "Enable two active phones": to activate/deactivate two mobile telephones ("conference call" activation)



❑ "Phone pop-up on dashboard": to activate/deactivate showing the information on the phone in progress on the instrument panel display

VOICE

Select this item to make the following settings:

- ❑ "Voice options": to select the language in which the Connect system provides indications, choosing either "Female" or "Male"
- ❑ "Password (Off)": to set the password for logging into the Connect system
- ❑ "Voice barge-in": to interrupt a voice message before it ends
- ❑ "Show command list": to enable/disable the list of suggestions of possible commands during a voice session

NAVIGATION (where provided)

Select this item to make the following settings:

- ❑ "Show": to shows the navigation map on the display
- ❑ "Map view": to set the map display mode (you can choose between "2D", or "3D" format)
- ❑ "Routing": to set the types of alternative route
- ❑ "Sounds and Warnings": to change the way danger and risk zones are signalled

❑ "Other": to show all navigation information on the display

CAMERA (where provided)

Select this item to make the following settings:

- ❑ "Surround View Camera Delay": to activate/deactivate the delay (a few seconds) of the disappearance of images from the camera when reverse is disengaged
- ❑ "Surround View Camera Guide Lines": to activate/deactivate the display of guide lines indicating the route of the car when reversing

MIRRORS AND WINDSCREEN WIPERS

Select this item to make the following settings:

- ❑ "Auto-folding side mirrors": to activate/deactivate the automatic folding of the mirrors when the doors are locked/unlocked. The default setting is "Off"
- ❑ "Automatic wipers with rain sensor": to activate/deactivate the automatic operation of the windscreen wipers when the rain sensor is activated

LIGHTS

Select this item to make the following settings:

- ❑ "Headlight Sensitivity": to select the sensitivity level ("1" or "2" or "3") for switching on the headlights

❑ "Greeting lights": to adjust the brightness of the courtesy lights (default setting is "0")

❑ "Adaptive front lights" (where provided): to activate/deactivate the adaptive front lights

❑ "Adaptive front lights" (where provided): to activate/deactivate the adaptive lights

❑ "Flash Lights with lock": to activate/deactivate flashing when the vehicle doors are locked

BRAKES

Select this item to make the following settings:

- ❑ "Auto Park Brake" (where provided): allows you to activate/deactivate the electric park brake engagement when the engine is stopped
- ❑ "Brake service": to activate the procedure to service the braking system

DOORS & LOCKS DOORS

Select this item to make the following settings:

- ❑ "Flash Lights with lock": to activate/deactivate flashing when the vehicle doors are locked
- ❑ "Passive Entry": to activate of the automatic door closing strategy
- ❑ "Power Liftgate alert": to activate/deactivate the acoustic warning for the hands-free power liftgate

- ❑ "Hands-free power liftgate": allows you to activate/deactivate automatic "hands free" tailgate opening
- ❑ "Power boot opening level (Custom)": to choose how wide the tailgate opens from four preset positions and one custom position

KEY-OFF OPTIONS

Select this item to make the following settings:

- ❑ "Radio off delay": to select how long the Connect system will run after the engine is turned off: ("0 min": the Connect system will turn off when the engine is turned off / "20 min": the Connect system will stay on for 20 minutes after the engine is turned off)
- ❑ "Radio Off upon opening": to activate/deactivate the switching off of the Connect system when the driver's door is opened, or the passenger's door is opened, or at the end of the switch-off time
- ❑ "Remote control windows": to activate/deactivate the opening/closing of the electric windows when unlocking/locking the doors using the key with remote control

AUDIO

Select this item to make the following settings:

- ❑ "Balance/Fader"

- ❑ "Equalizer"
- ❑ "Speed Adjusted Volume"
- ❑ "Auto Play"
- ❑ "Auto-On Radio"
- ❑ "Radio Off at opening"
- ❑ "Volume adjustment"

See "Audio Settings Menu" paragraph in the "Media Mode" section for more information on adjustments.

NOTIFICATIONS

Select this item to make the following settings:

- ❑ "Notification sounds": to activate/deactivate the acoustic signalling of notifications provided by on-board systems
- ❑ "App menu favourites pop-up": to activate/deactivate the pop-up showing the items recently saved or removed from in the favourites
- ❑ "App menu non-favourites pop-up": to activate/deactivate the pop-up showing the items recently saved or removed from in the non-favourites
- ❑ "New Text Message pop-ups": to activate/deactivate new received text messages notification
- ❑ "Missed calls message": to activate/deactivate the display of missed calls

- ❑ "Nav pop-ups": to activate/deactivate the display of information provided by the Navigator on the instrument panel display
- ❑ "Wireless charging status pop-up": to activate/deactivate the pop-ups relating to the charging status of the wireless charging system of the mobile phone
- ❑ "Drive mode transition pop-ups": to activate/deactivate the pop-ups related to the driving mode selected through the Alfa DNA™ system

RADIO SETUP

Select this item to make the following settings:

- ❑ "Traffic announcements": to activate/deactivate automatic tuning to traffic announcements ("TA" function)
- ❑ "DAB Announcements" (where provided): to activate/deactivate automatic tuning to DAB announcements
- ❑ "DAB Announcement Categories" (where provided): selection of announcement categories of interest from those available. Choosing this item accesses a series of selectable options
- ❑ "Alternative Frequency": to activate/deactivate the automatic tuning to the strongest signal for the station selected ("AF" function)
- ❑ "Regional": to activate/deactivate the automatic tuning to a station which



ABC

broadcasts regional news ("REG" function)

GEOLOCATION (where provided)

This item can be used to activate or deactivate geolocation mode.

SOFTWARE UPDATE

Selecting this item to go to the "Software downloads over Wi-Fi" setting to activate/deactivate the automatic downloading of the latest version (where provided) of the Connect system software.

ABOUT THE SYSTEM

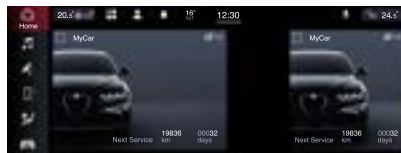
Select this item to make the following settings:

- ☐ "Version information": to show the software version on the Connect system display
- ☐ "Licence information": to shows the version of the open source licence(s) on the display of the Connect system

MY CAR (CAR INFORMATION)

The "My Car" (Car Information) function can be activated by using the appropriate widget on the Main Menu fig. 421 or by pressing the graphic button "Vehicle" or "App".

NOTE The widget cannot be enlarged in the main menu



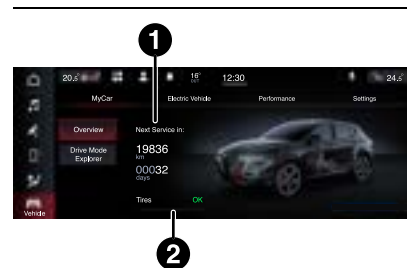
421

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MAIN SCREEN (OVERVIEW)

The main screen ("Overview") shows information about:

- ☐ Service (scheduled servicing) (1) fig. 422
- ☐ iTPMS (indirect Tyre Pressure Monitoring System) (2) fig. 422
- ☐ Explore Drive Mode



422

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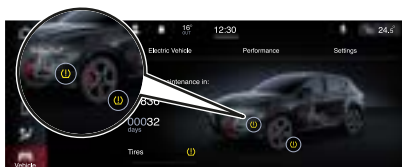
SERVICE (SCHEDULED SERVICING)

The display shows the km (or miles) and months (or weeks or days) missing until the next service coupon.

iTPMS (indirect Tyre Pressure Monitoring System)

The display shows the pressure information for each tyre, monitored by iTPMS (indirect Tyre Pressure Monitoring System).

If the inflation pressure corresponds to the correct value, "OK" will appear on the display, otherwise it will display the symbol shown in fig. 423



423

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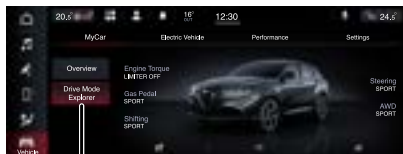
iTPMS check message

In the event of system failure, dashes "-" will appear on the display instead of the pressure value to indicate that it cannot be detected.

ALFA DNA™ SYSTEM

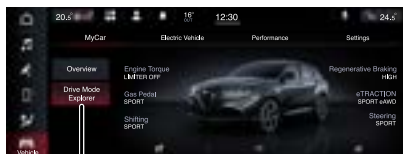
Press the graphic button "Explore Drive Mode" (1) fig. 424 (heat engine and Hybrid versions) or (1) fig. 425 (Plug-In Hybrid Q4 version) on the display to view information related to the driving mode selected by the Alfa DNA™ system.

NOTE The graphic display on the screen varies according to the trim level of the car.



424

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425

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TRIP COMPUTER

(excluding Hybrid and Plug-In Hybrid Q4 versions)

The following information is shown on the main screen of the "Trip" function:

- "Current Trip"
- "Trip A"
- "Trip B"

Select one of the above items to display driving information (fuel consumption, range, etc.).

PERFORMANCE

(where provided)

The "Performance" function can be activated by clicking on the appropriate widget on the Main Menu or by pressing the graphic button "Vehicle" or "App".

The following information is shown on the main screen of the "Performance" pages:

- "Technical gauges"
- "Accessory gauges"
- "Consumption history"
- "Accessory indicators" (where provided)
- "Engine torque" (where provided)

Each selected information will be shown on the display in a different colour (for versions/markets, where provided) depending on the condition (refer to the right-hand area of the display).



ABC

VIEWING CONTENT

Press the display and select the desired item to view the content of one of the information items on the display.

TECHNICAL GAUGES

Selecting "Technical gauges" item, the following screen will appear on the display, fig. 426, on which the information relating to:

- Pressure ("Turbo")
- Engine torque value ("Torque")

NOTE The graphic display on the display may change depending on the versions/engines.



426

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ACCESSORY GAUGES (where provided)

Select the "Accessory gauges" item, the following screen will appear on the display, fig. 427, showing information relating to:

- "Oil temp.": engine oil temperature

- "Transm. temp.": transmission temperature
- "12V battery": conventional battery state of charge



427

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CONSUMPTION HISTORY

Selecting "Consumption history" item, the following screen will appear on the display, fig. 428 on which the information relating Fuel Consumption chart (60 graphic notches a minute).

The "Technical gauges" view on the relative widget on the main menu can be "1/3", fig. 428 or full screen, fig. 429.



428

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429

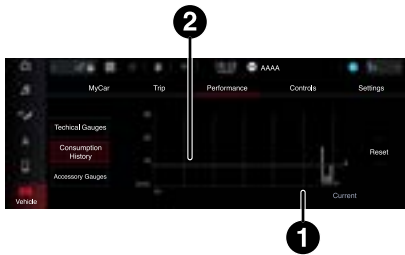
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Fuel Consumption chart

Each graphic column shown on the display shows the average "Instantaneous consumption" recorded during the last minute of travel.

The fuel consumption graphic bar is shown on the display, with "n examples" in which the last column (1 fig. 430) represents the last recorded consumption values.

This column will be displayed in a lighter colour than the other columns for the oldest fuel consumption values.



430 9651131

Average fuel consumption

The dotted line (2 fig. 430) shown on the graph represents the "Average consumption" value.

Reset (consumption reset)

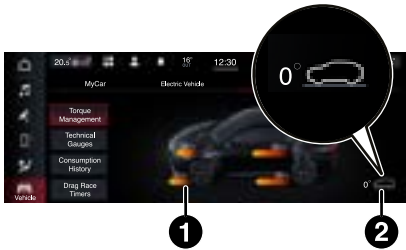
Press the "Reset" graphic button on the display to "reset" the consumption values. A dedicated message will appear on the display. Select "Yes" will perform the reset operation.

ENGINE TORQUE (where provided)

Select the "Engine torque" item to open a dedicated screen on the display showing information on the engine torque (front/rear) (1 fig. 431) (shown by arrows on the display) and the pitch percentage (2 fig. 431) (where provided).

The length of the arrows varies dynamically according to the distribution of the motor torque between the front and rear axles of the car.

Each graphic bar corresponds to 10% of the engine torque.



431 9651132

The "Engine torque" view on the respective widget on the main menu can be "1/3", fig. 432 or full screen, fig. 431

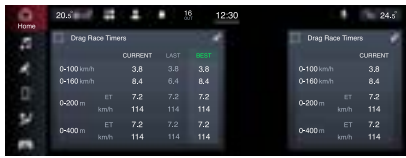


432 9651133

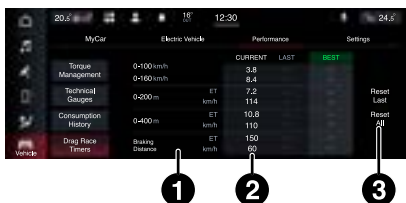
DRAG RACE (where provided)

Select "Drag Race", fig. 433, to open the following screen on the display showing information on:

- Displaying "Drag Race" contents (1) fig. 433
- Status display (2) fig. 433
- "RESET" graphic buttons (3) fig. 433



433 9651134



434 9651135



The "Engine torque" view on the respective widget on the Main menu can be "1/3", fig. 433 or full screen, fig. 434

Displaying "Drag Race" contents

The "Drag Race" contents are divided into "Current", "Previous", "Best".

The values listed under "Current" are updated and shown on the display in real time. As soon as the car is stopped, these values will appear under "Previous".

The values listed under "Best" represent the best performance values stored by the Connect system, until the settings are "reset" by pressing the "Reset Last" graphic button.

The values shown on the display are:

- ❑ Acceleration "0-100 km/h" (or "0-60 mph")
- ❑ Acceleration "0-160 km/h" (or "0-100 mph")
- ❑ Acceleration "0-200 m" (or 1/8 mile) (value in seconds)
- ❑ Acceleration "0-200 m" (or 1/8 mile) (value expressed in km/h or mph)
- ❑ Acceleration "0-400 m" (or 1/4 mile) (value in seconds)
- ❑ Acceleration "0-400 m" (or 1/4 mile) (value expressed in km/h or mph)
- ❑ "Braking distance" (expressed in metres and km/h or ft and mph)
- ❑ "Braking from" ("Speed" or "Distance")

NOTE The unit of measurement of the values shown on the display depends on what is set in "Units" in the "Settings" menu.

Reset (consumption reset)

Two graphic "Reset" buttons are shown on the display: "Reset Last" and "Reset All":

❑ by pressing the "Reset Last" graphic button, only the values present under the item "Previous" are reset;

❑ Press the "Reset All" graphic button to resets all values.

Pressing the graphic buttons on the display to show the dedicated message: select "Yes" to reset.

Status display

The "Status" appears next to each value shown on the display:

- ❑ "READY": this indicates that the Connect system is ready to record the values of the respective size.
- ❑ "REC": this indicates that the Connect system is recording the values of the respective size.
- ❑ "INCOMPLETE": this indicates that the recording has been interrupted.

APP

Press the "App" graphic button, fig. 435, the following submenus will appear on the display:

- ❑ Favourites
- ❑ Recent
- ❑ Categories
- ❑ All



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To add or remove an App from the Favourites list, select or deselect the ☆ icon that appears in the list displayed in the "Recent", "Categories" or "All" pages. A dedicated message will appear on the display to let the driver know whether or not to save the app to "Favourites".

FAVOURITES

The "Favourites" submenu contains the following pages (depending on the version/market of the car):

- ❑ "Electrical functions" (Plug-In Hybrid

and Hybrid versions)

- ❑ "Performance"
- ❑ "Device Manager"
- ❑ "Android Auto" (or Apple CarPlay)
- ❑ Alexa (where provided)
- ❑ My Car
- ❑ Software update

The "Favourites" page can contain up to 4 favourite pages. If you try to add a further page, a dedicated message will appear on the Connect system display indicating that the maximum number of pages allowed has been reached.

The operation can be cancelled by selecting "Cancel" or "X".

RECENT

The "Recent" submenu contains recently used or downloaded apps. Apps are displayed in chronological order.

CATEGORIES

The "Categories" submenu contains a list of filtered categories from the various apps. The following are displayed in order:

- ❑ "Media"
- ❑ "Comfort"
- ❑ "Nav" (where provided)
- ❑ "Phone"
- ❑ "Vehicle"

❑ "System"

❑ "Other"

The applications in each category are displayed in alphabetical order.

ALL

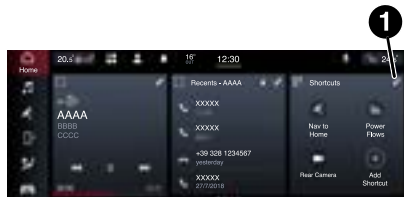
The "All" category contains all available apps and allows the driver to search for them in alphabetical order from A to Z or Z to A.

WIDGETS

WIDGET VIEW ON CONNECT SYSTEM DISPLAY

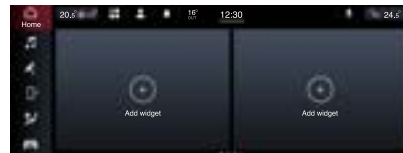
On the main page, you can view summary pages of Connect system functions known as "Widgets", fig. 436 which can be selected by the driver, list of available widgets.

To add a widget, press the "Add widget" graphic button fig. 437 on the display and select the desired widget from the list.



436

9651169



437

9651176

WIDGET DISPLAY ON INSTRUMENT PANEL DISPLAY

In addition to the Connect system display, the widgets can be displayed inside the tachometer on the instrument panel display.

For more information, refer to the description and illustration in the "Knowing the Instrument Panel" section.

CUSTOMISING THE WIDGETS

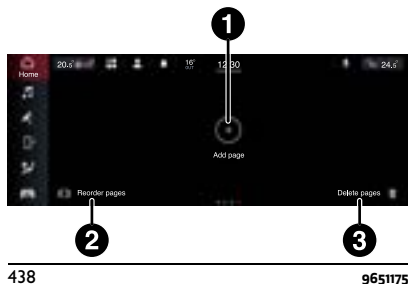
Some widgets can also be customised by pressing the button  (1) fig. 436 next to the title. This will display the customisation screen.

The number of Widgets which can be installed per page depends on their size. You can add multiple pages (up to a maximum of five in total) by pressing the "+" button (1) fig. 438 on the display. To switch between pages, simply touch the page briefly and swipe your finger rightwards or leftwards.



ABC

Pages can be deleted using the "Delete page" (3) fig. 438 function or reordered using the "Reorder pages" (2) fig. 438 function.



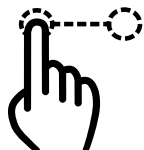
438

9651175

NOTE The customisation is only active when the car is stationary. If an attempt is made to customise with the car in motion or to resume driving without having completed the procedure, a warning message will appear on the Connect system display and the operation will be ended.

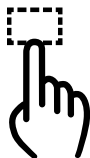
MOVING THE WIDGETS

Select the desired widget 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 (where provided): press the widget resize icon to be resized.



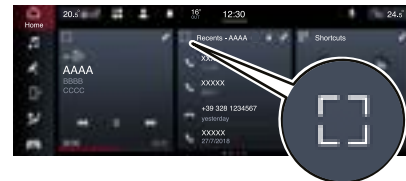
View widget content: select the desired widget and then scroll vertically. When reordering the widgets (viewing their thumbnails), it will not be possible to view their contents.

RESIZING THE WIDGET (where provided)

The widgets can occupy 1/3 or half of the display area.

To resize the widgets, press the "enlarge" graphic button 

NOTE Not all widgets have an "enlarge" graphic button  fig. 439. If the graphic button is not present, it will not be possible to resize the widget.



439

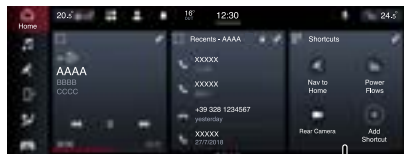
9651171

SHORTCUTS WIDGETS

The shortcuts (1) fig. 440, can only be added when the car is stationary. They allow "quick access" to the contents of the system and can be as follows (for versions/markets, where applicable):

- ☐ "Call"
- ☐ "Media"
 - "FM radio"
 - "AM radio"
 - "DAB radio"
 - "Bluetooth"
 - "USB1"
- ☐ "Seats & Steering Wheel"
 - "Steering wheel"
 - "Driver heating"
 - "Passenger heating"
 - "Driver ventilation"
 - "Passenger ventilation"
- ☐ "App"

- "Nav"
 - "Activate services"
 - "Phone"
 - "My Car"
 - "Sch. Off"
 - "Alexa" (where provided)
 - "Controls"
 - "Comfort"
 - "Media"
 - "Driver profiles"
 - "Performance"
 - "SOS"
 - "Eco-coaching"
 - "Warnings"
 - "Tutorial"
 - "Wi-Fi Hotspot" (where provided)
 - "Trip" (excluding Hybrid and Plug-In Hybrid Q4 versions)
- "Controls"
 - "Set a route"



440

9651170

Eco-coaching

ECOcoaching2.0 HU app

□ - The EcoCoaching2.0 HU app displays the Ecoscore values of the current route in real time.

□ - The total Ecoscore value is never displayed during travel, but is only calculated and sent to the GSDP (server) after key-off.

□ The Ecochaching2.0 HU app resets the values in real time at each new key-on.

ECOcoaching2.0 - GMA

□ - EcoCoaching2.0 on the Global Mobile app displays the total Ecoscore value sent by the radio each time the key is turned on.

□ The GMA never displays the real-time Ecoscore values of the current route.

□ - The GMA stores the history of all trips made in the last month (*)

(*) Trip data will only be displayed on the GMA if the minimum distance (approx. 2 km) and the minimum duration (approx. 2 minutes) of the trip are observed.

SCROLLING / SELECTING A LIST

Move your finger on the display to scroll lists and selections:

□ hold your finger down and move up to display the list items at the bottom; move down to display the list items at the

□ move rightwards to display the lists on the left-hand

□ move leftwards to display the lists on the right-hand side

The same operation can be performed to move between pages.

Press your finger on your favourite selection to repeat the operation on the Connect system.

PROFILES

(where provided)

By entering the "Profiles" mode you can create an avatar and enter your own customisations.

Selecting "All profiles" (1) fig. 441 displays the existing profile.



441

9651160

Select "Edit profile" (2) fig. 441 it is possible to enter or modify profile customisations by selecting one of the following items:

□ "Edit name": to edit the profile name



ABC

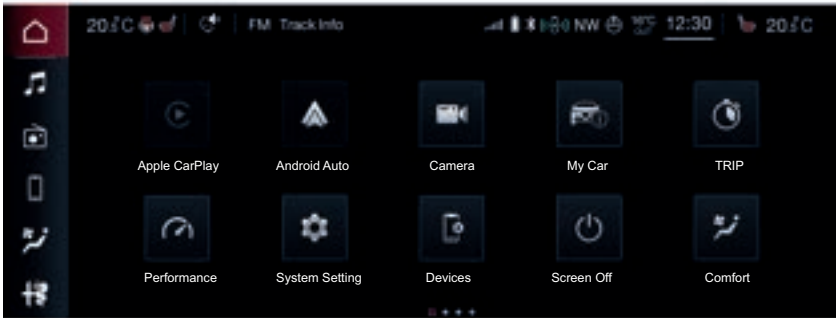
- ❑ "Edit Avatar": to edit your profile picture
- ❑ "Manufacturer's account" (where provided): to delete the manufacturer's account
- ❑ "Welcome pop-up": to deactivate (option "Off") the display of the pop-up or to display it in large size ("Large" option) or small size ("Small" option)

In addition to "Edit profile", profile customisations can also be deleted using the "Person Profile" function in the "Settings" menu.

NOTE After changing the profile, it is necessary to wait up to 5 minutes approx. to load the relative settings to the Connect system.

VALET MODE

All profiles can be temporarily disabled and the "Parking attendant" mode can be recalled by pressing the corresponding icon. This mode temporarily restores the default settings to allow driving the car without customisations.



442

9651039



ABC

GRAPHIC BUTTONS ON DISPLAY AREA (1)

| Graphic button | Functions | Mode |
|---|--|----------------------|
|  Home | Show main display | Press graphic button |
|  Media | Access Media mode to select available sources, folder tracks and interaction with audio settings | Press graphic button |
|  Radio | Access to the Radio mode | Press graphic button |
|  Phone | Access to the Phone mode | Press graphic button |
|  Vehicle | Access to additional car settings and functions | Press graphic button |

You can customise the order of the buttons by holding down the icon to move and dragging it to the desired position.

NOTE Customisation is only active when the car is stationary. If an attempt is made to customise with the car in motion or to resume driving without having completed the operation, a warning message will appear on the display and the operation will be ended.

STATUS BAR

| Area | | Functions | Mode |
|------|---------------------------------|--|--|
| 2 | Comfort | Climate control system display and settings on driver and passenger side | Press the heated seat, steering wheel and temperature buttons |
| 3 | TSR alert | Set up Traffic Sign Recognition | Press the graphic button to deactivate/reactivate the acoustic warning signal |
| 4 | Active source | Displays the active source or active HFP call | - |
| 5 | Source / call description | Displays the radio station (if available), the name of the caller and the time of the call | Press the graphic button to go to the call screen when there is an incoming call |
| 6 | Reconfigurable quick button bar | Display icons (where provided): Mute / Microphone, Signal and Roaming, Battery Level, BT Connection Wireless Charger, Compass, Geolocation | - |
| 7 | External temperature | Displays outdoor temperature based on selected units of measurement (°C or °F) | - |
| 8 | Time | Shows the time | - |



ABC

To view the following radio go to the site: <https://www.stellantisinfotainment.com/alfa-romeo-tonale-multimediasystem/> or scan the following QR Code, available via the Infotainment system under System Settings/User

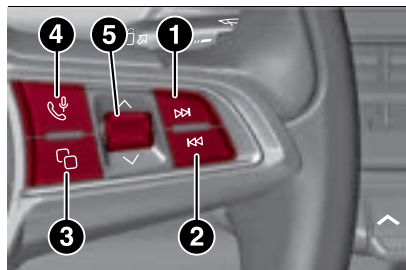


Manual.

CONNECT SYSTEM CONTROLS

The controls for the main system functions are present on the steering wheel fig. 443 to make control easier.

The activation of the function selected is controlled, in some cases, by the length of the press (short or long press) as described below.



443

9650765

(1) (2) Radio station search (▶▶ / ◀◀)

Radio mode: Previous/next radio station search.

Media mode: select the previous/next track

(3) Selection of the main/default screen/widget on the instrument panel display

Short press: switch between the main (or default) screen display (in the central area of the instrument panel display), or the widget display (inside the tachometer on the instrument panel display)

(4) Telephone / Voice commands

Short press (Phone Mode)

□ Answer / end call

Short press (Voice command mode)

□ **With voice session not active:** Activate speech recognition only when no calling functions are active.

□ **With call management features active:** Speech recognition is disabled and only call management features are available.

□ **With voice session active and external audio device connected (Apple CarPlay®/Android Auto™):** Stop Siri/Google Assistant.

Long press (Voice Command mode)

□ **With voice session not active:**

Activate speech recognition only when no calling functions are active.

□ **With call management features active:** Speech recognition is disabled and only call management features are available.

□ **With voice session not active and external audio device connected (Apple CarPlay®/Android Auto™):** Activate Siri/Google Assistant.

(5) Selecting/confirming items displayed on the instrument cluster display / Connect system / volume up/down (^ / v)

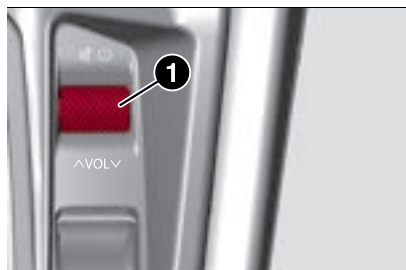
Rotate up/down: adjust volume (Radio mode).

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 Alfa 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.

CONTROLS ON CENTRAL TUNNEL

On the central tunnel, to the side of the transmission, there is a rotary control (1) fig. 444 for the following functions:

- ❑ **Long press:** Alfa Connect on/off
- ❑ **Short press:** activate/deactivate Mute function (playback of audio tracks, radio stations, app streaming and incoming phone calls is muted).
- ❑ **Control rotation:** adjust volume



444

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TOUCHSCREEN FUNCTION

The system uses the touchscreen function; to interact with the different functions, press the graphic buttons displayed.

To confirm the selection, press the graphic button "OK" or tick the required selection.

The selection is confirmed with a dedicated acoustic signal for some functions or settings.

To search the submenu, press the graphic button >

To go back to the previous screen, press the "X" (Delete) graphic button or, depending on the active screen <

To go back to the home screen or home position press the graphic button 

The touchscreen function can be used to access and view the available lists of music tracks, phone numbers, settings, etc.

Move your finger on the display to scroll lists and selections.

Hold your finger down and move up to display the list items at the bottom; move down to display the list items at the top.

Hold your finger down on the display and move your finger rightwards, to see the lists to the left; move your finger leftwards, to see the lists to the right of the display.

The same operation can be performed to move between pages. By holding your finger on the selected field or graphic button, the Connect system will either select the field or perform the function associated with the graphic button.

WIDGETS

Widget view on Connect system display

On the main page, you can view summary pages of Connect system functions

known as "Widgets", which can be selected by the driver, list of available widgets.

Customising the widgets

Some widgets can also be customised by pressing the button next to the title. This will display the customisation screen.

The number of Widgets which can be installed per page depends on their size. You can add multiple pages (up to a maximum of 4 in total) by pressing the "+" button on the display. To switch between pages, simply touch the page briefly and swipe your finger rightwards or leftwards.

Pages can be deleted using the "Delete page" function or reordered using the "Reorder pages" function.

NOTE The customisation is only active when the car is stationary. If an attempt is made to customise with the car in motion or to resume driving without having completed the procedure, a warning message will appear on the Connect system display and the operation will be ended.



ABC

MEDIA MODE



445

9651008

Press the graphic button  fig. 445 to listen to and manage music, view available lists, select favourite audio settings and to select the desired audio source from those available: USB, **Bluetooth®**, Android Auto / Apple CarPlay.

After Media mode is selected, the following information is shown on the display:

Left side: displays the sources (2) fig. 445. Select a source to display. The source being played is highlighted on the display.

Upper part: select the various pages of the function:

- "Playback" (3) fig. 445
- "Browse" (4) fig. 445
- "Audio" (5) fig. 445

Middle part: Display of information about the track being played and playback control buttons:

- "Bluetooth": for a **Bluetooth®** audio source, opens the list of devices
- "Browse" for USB/**Bluetooth®** source allows you to search for content on your device
- "Tracks" for USB/**Bluetooth®** source, allows you to select a track from the playlist

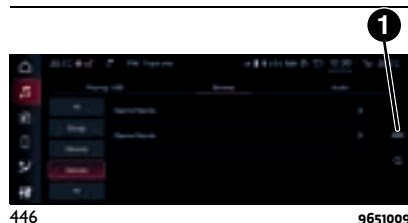
- : select previous/next track or previous/next station
- : random playback of the tracks contained in the folder
- : when the last track is finished, playback automatically resumes from the first track in the playlist
- : play/ pause track being played

"BROWSE" MENU

Use this function to scroll through and select the tracks on the active device.

On a USB/iPod device you can also scroll through the list of artists, albums, tracks, genres, composers, podcasts and audio books stored on the device, depending on the information present on the tracks.

Within each list, the "ABC" (1) fig. 446 graphic button allows the user to skip to the desired letter in the list.



ABC

RADIO MODE



447

9651015

Press the graphics button  to select your preferred audio settings and select the desired audio source from those available: AM, FM, DAB radio (where provided).

After Radio mode is selected, the following information is shown on the display:

Left side: displays the sources. Select a source to display. The source being played is highlighted on the display.

Upper part: select the various pages of the function: "Play", "Browse", "Audio".

Central part: displays the information about the playing station and the playback commands:

□ : select the previous/next track

□ : access radio stations (only with the radio on)

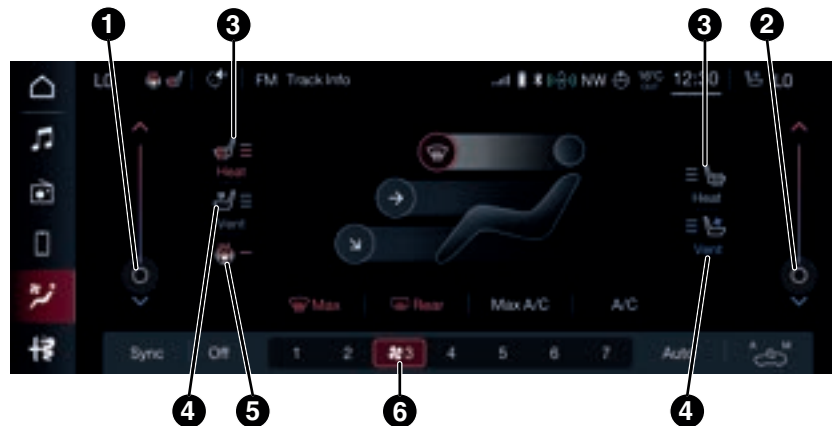
Lower part: quick access to the favourite radio stations

WARNING The DAB frequency can be used in countries where digital transmission technology is available. The device will tune to any frequency if the DAB button is pressed in a country where the service is not available.



ABC

COMFORT MODE



448

9651010

The Connect system lets you interact with the automatic dual-zone climate control system to adjust the temperature inside the passenger compartment.

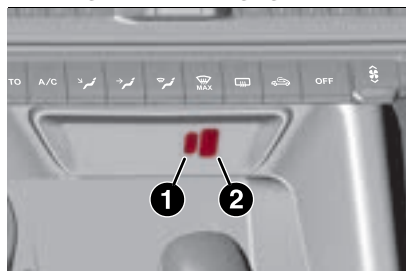
On the main screen you can select:

- ❑ the airflow distribution settings:
 - windscreen
 - face
 - feet
- ❑ the settings for the interior temperature ((1) fig. 356 driver side and fig. 356 (2) passenger side)
- ❑ fast windscreen heating  Max
- ❑ the defrosting of the rear window  Rear
- ❑ the heating of the driver/passenger seat (3) fig. 356 (where provided)
- ❑ the activation of the climate control system with maximum cooling (MAX A/C)
- ❑ the activation of the climate control system (A/C)
- ❑ driver/passenger side temperature synchronisation (Sync)
- ❑ switching "Off" the air climate control system
- ❑ the ventilation level (4) and (6) fig. 356
- ❑ the steering wheel heater (5) fig. 356 (where provided)

- ❑ activation of the automatic air conditioning system "Auto" (only for automatic air conditioning system)
- ❑ the recirculation function

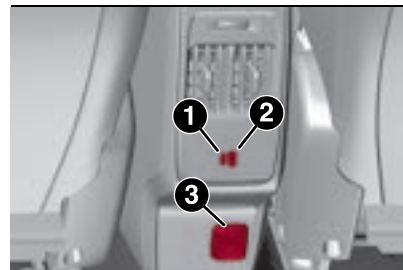
USB SOURCE

The vehicle has USB data & charge ports type A+C located on the central dashboard, (1) and (2) fig. 449, for versions/markets where provided, other two USB ports type A+C for recharge located on the back of the central console under the air vents, (1) (2) fig. 450. Both Type C ports, for versions/markets where provided, are Power Delivery 3.0, providing very fast charging, up to 40W.



449

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450

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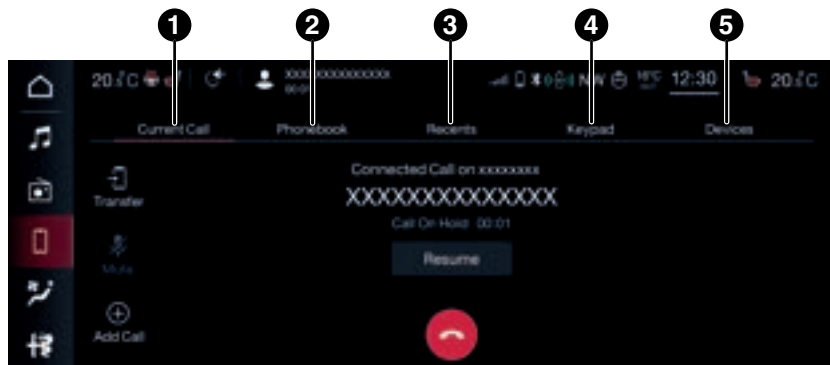
When a USB device is plugged into the port on the dashboard with the radio on, it starts to play the tracks on the device if the "AutoPlay" is set to "ON" in the "Audio" menu. If "Auto Play" is set to "OFF", the Connect system will continue to play the current source when a USB device is connected.

WARNING After using a USB charging port, we recommend disconnecting the device (smartphone), always removing the cable from the port of the car first, never from the device. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.



ABC

PHONE MODE



451

9651011

Press the  graphic button on the display to activate the Phone mode.

To consult the list of mobile phones and functions supported, contact Customer Care on the number provided in the Warranty or visit the www.stellantisinfotainment.com website.

Select the desired page on the display using the bar at the top to:

- ❑ press on the "Current call" graphic button (1) fig. 451 to display the name of the contact (if stored) and the duration of the current phone call
- ❑ press the "Phonebook" graphic button" (2) fig. 451 to display and call contacts in the mobile phone phonebook
- ❑ press the "Recent" graphic button " (3) fig. 451 to display and call contacts from the recent calls logs
- ❑ press the "Keypad" graphic button" (4) fig. 451 to access the graphic keypad on the display, which you can use to dial a phone number

WARNING The keypad is only active when the car is stationary. If an attempt is made to use the keypad with the car in motion or if driving is resumed without having completed the input, a specific warning message will appear on the Connect system display and the operation will be ended.

- ❑ press the "Devices" graphic button (5) fig. 451 to record up to 5 phones/audio devices to simplify and speed up access and connection

The audio of the mobile phone is transmitted through the car audio system. It is possible to transfer calls from the system to the mobile phone and vice versa and turn off the audio of the system microphone for private conversations.

PAIRING A MOBILE PHONE

WARNING Carry out this operation only with car stationary and in safety conditions; this function is deactivated when the car is moving.

To pair a mobile phone, see the procedure in "Pairing a Bluetooth audio device" in the "Bluetooth Mode" chapter.

MAKING A PHONE CALL

The operations described below can only be accessed if supported by the mobile phone in use. For all functions available, refer to the mobile phone owner's handbook.

You can make a call by selecting one of the following items, fig. 452:

- ❑ "Contacts"
- ❑ "Recent"
- ❑ "Keypad"
- ❑ "Call back"



452

9651012

Recent (recent calls)

The list of the last calls made for each of the following call types can be , displayed fig. 453:

- ❑ "All Calls"
- ❑ "Received"
- ❑ "Dialled"
- ❑ "Missed"



453

9651013

Make a second call when one is ongoing

During an ongoing call, a second call can be made as follows:

- ❑ Select "Add Call" during an active call to open the keypad screen.
- ❑ dial the number using the keypad, then press 



ABC

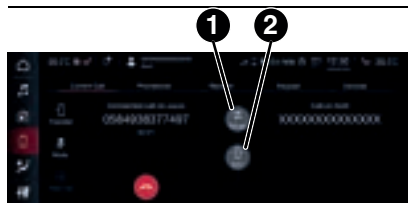
- ❑ select "Recent" to choose a number from the list of recent calls, or
- ❑ select "Address Book" to select a contact

Going from one call to another

If two calls are going on at the same time (one active and another on hold), press the "Switch" button (1) fig. 454 on the display.

You can put only one call on hold at a time.

You can also press the  button on the steering wheel controls to go from an active call to one on hold.



454

9651014

Uniting two phone calls

If two calls are going on at the same time (one active and another on hold), press the "Conf." graphic button. (2) fig. 454 on the display to combine all calls into a conference call.

NOTE Some mobile phones may not support managing two separate calls and a conference call.

Transferring a call

Calls in progress can be transferred from the mobile phone to the multimedia system and vice versa without having to end them.

- ❑ to transfer a call from the mobile phone to the multimedia system, press the "Transfer" graphic button
- ❑ to transfer a call from the multimedia system to the mobile phone, press the "Re-transfer" graphic button

ENDING A CALL

Press the  graphic button  on the display or the button on the steering wheel controls to end a call in progress.

Only the ongoing call is ended and any call held becomes the new active call.

Depending on the type of mobile phone, if the ongoing call is ended by the caller, the call on hold may not be activated automatically.

Bluetooth® MODE

PAIRING A Bluetooth® AUDIO DEVICE

The pairing of a **Bluetooth®** device (e.g. a smartphone) is done via the "Device" function (1) fig. 455 on the "Phone" page.



455

9651016

Proceed as follows to pair a device:

- ❑ activate the **Bluetooth®** function on the device;
- ❑ press the "Phone" graphic button on the display
- ❑ if no device has yet been paired with the system, the display shows a dedicated screen
- ❑ go to "Phones" and press the "Add" button to start the pairing procedure, then search for the device on the mobile phone
- ❑ search ALFA_XXXXXX on the **Bluetooth®** audio device
- ❑ when requested by the audio device, enter the PIN code shown on the system

display or confirm on the device the PIN displayed on the device

for Android devices: if the option to automatically enable Android Auto is selected (see Settings/General/Android Auto), the device establishes a parallel Wi-Fi connection with the user's device and the Android Auto application starts automatically once the connection is established. Once the connection with Android Auto is established, calls can only be made via the Android Auto interface. For Apple devices: during the **Bluetooth®** connection, a pop-up message is displayed asking the user if they want to enable CarPlay.

NOTE To deactivate Android Auto, refer to the section "Disconnecting Android Auto".

NOTE The multimedia system automatically reconnects to an already paired device within range if **Bluetooth®** function is enabled. Android Auto or Apple CarPlay will also start automatically when a correct connection has been established in a previous session.

NOTE To ensure the correct operation after updating the software of the device, it is recommended to remove the device from the list of devices connected to the car radio, delete the previous system pairing also from the list of

Bluetooth® devices on the device and pair it again.

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 enable them, connect a compatible smartphone to the USB port of the car or in Wireless mode and the contents of the phone will be automatically shown on the Connect system display.

To check the compatibility of your smartphone and availability in your country, see the indications on the following websites:

https://www.android.com/intl/it_it/auto/
and <http://www.apple.com/it/ios/carplay/>.

NOTE The date and time shown on Connect system display must match the actual date and time, even after disconnecting of the conventional battery. Adjust it from the "Settings" menu of Connect system. Any discrepancy between the date and time on the display and the actual date and time may be due to a malfunction in Apple CarPlay/Android Auto.

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.

Before using Apple CarPlay, enable Siri from "Settings" > "General" > "Siri" on the smartphone.

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. Starting from Android version 10 and higher, the Android Auto app is integrated into the operating system of the smartphone and no downloading is required.

The application is compatible with Android 8.0 (Android 11.0 for wireless connection) or later. To use Android Auto, the smartphone must be connected to the car by means of a USB cable via **Bluetooth®**.

On the first connection, you will have to perform the setup procedure that appears on the smartphone. You can only perform this procedure with the car stationary.



ABC

Once connected to the USB port, the Android Auto app establishes a parallel **Bluetooth®** connection.

NOTE If the "Android Auto" application has been installed and uninstalled on the phone, the "Android Auto" pop-up window may be displayed on the car radio when the phone is connected via USB. To listen to music from the phone, it must first be disconnected and then reconnected.

NOTE If your device supports Android Auto wireless functionality and has been previously paired via **Bluetooth®**, even if you manually disconnect it, when you restart the system, it will always automatically connect as Android Auto wireless if it remains in the list of paired devices.

EXITING FROM THE Android Auto APPS AND

Apple CarPlay

To end the Apple CarPlay or Android Auto session, physically disconnect the smartphone from the USB port of the car or using the "Device Manager" menu.

VEHICLE MODE

Pressing the "Vehicle" graphic button to access the pages:

- "My Car"
- "Trip" (excluding Hybrid and Plug-In Hybrid Q4 versions)
- "Electric Vehicle" (Plug-In Hybrid Q4 version)
- "Performance"
- "Vehicle settings"
- "System settings"

ELECTRIC VEHICLE

(Plug-In Hybrid Q4 version)

Proceed as follows:

- select the " graphic button and  then "E-Hybrid";
- if the charging cable is connected to the car, select the "Activate PHEV" function. The Connect system display will show the list of available screens:

- "Power Flow";
- "Driving History";
- "Planning";
- "e-Save";
- "Charge Setting".

POWER FLOW

Through the "Power flow" function fig. 456 it is possible to see on the display information related

to the distribution of the power consumed/supplied by the systems:

- "Engine" (power value, expressed in kW, that the heat engine is generating). Based on the car operating conditions, this power is used for car movement, to heat the passenger compartment, supply the electric loads and charge the high-voltage battery. The operation of the heat engine is monitored in order to minimize fuel consumption
- "Battery" (peak power value, expressed in kW, that the high voltage battery is able to supply/ absorb. This power supplies the front and rear electric motors and car loads
- "Climate" (power value, expressed in kW, that the automatic dual-zone climate control system is using to maintain the set air temperature value inside the passenger compartment)



456

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NOTE During deceleration energy recovery operations ("eBraking" or "eCoasting") the power value of the high-voltage battery displayed on the Connect system display may be negative.

NOTE The distribution of the power flows is shown graphically using arrows on Connect system display.

DRIVING HISTORY

Using the "Driving History" function, you can see the graphs (relating to the "Previous Week" and "Current Week") on the display with information regarding:

- ❑ "Distance travelled" (values expressed in km or mi), fig. 457
- ❑ "Regeneration" (energy value, expressed in kWh), fig. 458



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458

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Distance travelled

The graphic bars shown on the display (referring to "Previous Week" and "Current Week") indicate the distance travelled (in km or mi) in one day in electric operation mode ("Advanced Efficiency") or hybrid operating mode.

The **blue** bars refer to operation with the electric motor. The **amber** bars refer to operation with the heat engine.

Regeneration

The graphic bars on the display show the value of energy recovered from the high-voltage battery (expressed in kWh) during "eCoasting" and "eBraking" energy recovery operations.

PLANNING

If the charging cable is connected to the car, select "Activate PHEV".

Using the "Schedules" feature fig. 459, you can schedule the automatic dual-zone climate control system and/or the high voltage battery charging. When charging the vehicle, or if the high-voltage battery is sufficiently charged, you can activate the preconditioning of the passenger compartment before driving.



459

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The display also shows information about "Next Schedules" ("Charge" and "Climate") and "Estimated Time to Complete Charge" ("Maximum" and "Minimum" time).

Charge Schedule

Using this function you can set the high voltage battery charging by selecting the following settings:

- ❑ "START": time at which to activate the charging procedure. Through this function you can choose the time interval at which to activate the charging procedure
- ❑ "STOP": time when the charging process ends
- ❑ "Repeat Every" day(s) on which to start
- ❑ "Full charge": the charge continues until the high voltage battery is fully charged

NOTE When this is selected, the charge procedure cannot be interrupted. Charging will stop automatically when 100% is reached.

NOTE If the charging schedule is not set, to charge the high-voltage battery simply connect the cable to the power socket (the charging schedule operation does not need to be set).

NOTE If the "Full charge" setting is selected and the charging cable is connected after the schedule start time, the high-voltage battery charging procedure will start the next day (at the same time). If you want to start to charge immediately and continue to charge until the high voltage battery is fully charged, select the setting "Charge Now".



ABC

Climate Schedule

This function is used to set the ignition of the automatic dual-zone climate control system when the engine is turned off by selecting the following settings:

❑ "DEPARTURE TIME": time you wish to leave. The car preconditioning activation time will be managed autonomously by the car

❑ "Always (Even when not connected)": enables the air conditioning system of the passenger compartment when the high-voltage battery charge status is below 25%. The preconditioning is active even if the charging cable is not connected to the charging port

❑ "Charging: When connected": allows you to repeat the function for the selected days of the week (the days are at the bottom of the screen)

NOTE In case of low battery voltage, or in very cold/very hot weather conditions, remember to connect the car to a power supply to enable programming of the automatic bi-zone climate control.

NOTE The temperature set by the automatic dual-zone climate control system is the temperature selected before the engine or climate control system is turned off.

NOTE To stop the "Climate Schedule" procedure, either start the engine or

press the OFF button on the automatic dual-zone climate control system panel.

NOTE Before the comfort temperature is reached, press and release the door unlocking button located on the key with remote control, or on the handle of the driver's door (for versions with the Passive Entry system) to unlock the doors and turn off the alarm (where provided). Afterwards, before the comfort temperature is reached, press and release the ignition device.

NOTE Activating "Always (Even when not connected)" will temporarily suspend the high-voltage battery charging function. This depends on the power consumption of the automatic dual-zone climate control system compared to that provided by the public charging station: in case of redundancy, the air conditioning will be activated and charging will be carried out.

NOTE The schedule of the automatic dual-zone climate control system can be activated only under the following conditions:

- ❑ Doors closed properly
- ❑ Bonnet closed properly
- ❑ Tailgate closed properly
- ❑ Brake pedal not pressed
- ❑ Hazard warning lights button not pressed

- ❑ Alarm (where provided) not active
- ❑ Battery voltage at an acceptable charge level
- ❑ Ignition device in the STOP position
- ❑ Transmission in "Park" (P) position
- ❑ Vehicle speed below 5 km/h

NOTE If a problem occurs with the electric motor, the automatic dual-zone climate control system schedule will be deactivated in approx. 3 seconds.

NOTE For safety reasons, windscreen wiper operation is disabled when the automatic dual-zone climate control system schedule is active.

e-Save

The "e-Save" function fig. 460 safeguards the state of charge of the high-voltage battery or uses the heat engine to charge the high-voltage battery.

Activate one of the following functions: "Battery Save" (battery charge status saving) or "Battery charge" (battery charging).

Battery charge

Select "Battery Target Level" to select one of the following battery status maintenance high voltage battery options: "40%+" / "60%+" / "80%+".



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CHARGE SETTINGS

Using the "Charge Setting" function, you can set the power level / current consumption during charging.

Select the displayed level on the display, which ranges from a LOW level ("1") to a HIGH level ("5").

The high voltage battery charge level (expressed as a percentage) is shown graphically on the display fig. 461.

The display also shows information related to:

- ❑ "Battery Level": the state of charge of the high-voltage battery is shown on the left of the display as a percentage
- ❑ "Estimated time to 100%": corresponds to the time required to obtain full recharging of the high-voltage battery



461

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If problems occur during the charging procedure, a dedicated message will appear on the display suggesting the driver to select a lower level (selecting a lower level will take longer to charge).

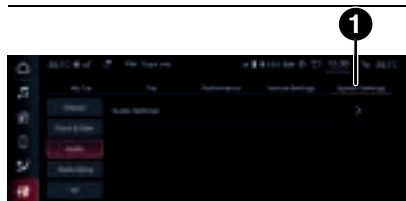
NOTE To get an estimate of the time needed for full charge (100%) refer to what is shown on the display and updated in real time.

The electric vehicle (PHEV) can charge the 12 V battery using energy from the high-voltage battery (traction battery). For the correct protection of the 12 V battery, try to keep the traction battery at least 50% charged.

SYSTEM SETTINGS

Access the "System Settings" menu by pressing the graphic button (1) fig. 462.

NOTE The menu items displayed vary according to the versions.



462

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As a guideline, the "System settings" menu includes the following items:

- ❑ Display
- ❑ Clock & Date
- ❑ Audio
- ❑ Notifications
- ❑ Radio Setup
- ❑ General
- ❑ User manual
- ❑ System Information
- ❑ Reset

DISPLAY

Select this item to make the following settings:

- ❑ "Language": to select the language to be set on the system
- ❑ "Display mode": to select "Auto" or "Manual"
- ❑ "Daytime display brightness"
- ❑ "Night display brightness"
- ❑ "Units": to select the units of measurement in which distance, temperature, consumption, inflation pressure are shown on the display
- ❑ "Touchscreen beep": to select the volume level relative to the pressure of the buttons on the instrument panel and steering wheel
- ❑ "On-board warning volume": to select the volume level of the warnings provided by the instrument panel display; you can select between "Low", "Med", "High"



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❑ "Cluster options": to select which content to display in each of the three customisable areas on the instrument panel display ("Clock", "Date", "External temperature", "RTE" (radio information), "Compass" (where provided), "Empty"

CLOCK & DATE

Select this item to make the following settings:

- ❑ "Sync time with GPS": to enable/disable synchronisation of the clock via GPS. If the setting is "OFF", the options "Set time" and "Set date" are activated
- ❑ "Set time": to adjust the time manually
- ❑ "Time format": to select the time display format (you can choose between "24h" or "12h")
- ❑ "Show time in status bar": to activate/deactivate the display of the time on the status bar at the top of the display
- ❑ "Set date": to adjust the date (day/month/year) manually
- ❑ "Show time and date with screen off": to activate/deactivate the display of time and date on the Connect system display even when it is off

AUDIO

Select this item to make the following settings:

- ❑ "Balance/Fader"

- ❑ "Equalizer"
- ❑ "Speed Adjusted Volume"
- ❑ "Auto Play"
- ❑ "Auto-On Radio"
- ❑ "Radio Off at opening"
- ❑ "Volume adjustment"

RADIO SETUP

Select this item to make the following settings:

- ❑ "Traffic announcements": to activate/deactivate automatic tuning to traffic announcements ("TA" function)
- ❑ "DAB Announcements" (where provided): to activate/deactivate automatic tuning to DAB announcements
- ❑ "DAB Announcement Categories" (where provided): selection of announcement categories of interest from those available. Choosing this item accesses a series of selectable options
- ❑ "Alternative Frequency": to activate/deactivate the automatic tuning to the strongest signal for the station selected ("AF" function)
- ❑ "Regional": to activate/deactivate the automatic tuning to a station which broadcasts regional news ("REG" function)

ABOUT THE SYSTEM

Select this item to make the following settings:

- ❑ "Version information": to show the

software version on the Connect system display

❑ "Licence information": to shows the version of the open source licence(s) on the display of the Connect system

VEHICLE SETTINGS

Access the "Vehicle settings" menu by pressing the graphic button (1) fig. 463.



463

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As a guideline, the "Vehicle settings" menu includes the following items:

- ❑ Safety and Driving Assistance
- ❑ Camera
- ❑ Mirrors and windscreen wipers
- ❑ Lights
- ❑ Brakes
- ❑ Doors & Locks
- ❑ Seats and comfort
- ❑ Geolocation (where provided)

SAFETY & ASSISTANCE GUIDE

Select this item to make the following settings (where provided):

- ❑ "Autonomous Emergency Braking": to

select the intervention sensitivity of the Autonomous Emergency Braking system.

- The possible options for the "Autonomous Emergency Braking sensitivity" item are: "Near", "Med", "Far"

❑ "Lane Keeping Assist: to select the "readiness" of the system to intervene and the force to be applied to the steering wheel to get the car back on in the lane if the Lane Keeping Assist system intervenes

- The available options for Lane Keeping Assist mode warning are: "Early", "Med", "Late"
- The available options for "Lane Keeping Assist Strength" are: "Low", "Med", "High"

❑ "Rear seat warning": to activate/deactivate the display, on the instrument panel display, of whether or not there is a passenger in the rear seats of the car. If there are no passengers in one or more rear seats, a dedicated symbol is shown in the instrument panel display at the corresponding position. For further information, please refer to chapter "SBA (Seat Belt Alert) System" in the "Safety" section

❑ "Intelligent Speed Assist options": to select the tolerance with which the Connect system sets the speed of the Adaptive Cruise Control (ACC)

device. The possible option is "Manual Confirmation"

❑ "New speed limit display": to activate/deactivate the display of the new speed limit when the set speed is exceeded. Possible options are "Off", "Visual", "Visual + Sound". Activate the function on the cluster display to show the speed value

- "Off": system deactivated
- "Visual": the system warns the driver of the new speed limit only by means of visual signals, through the display of dedicated screens
- "Visual + Sound": the system warns the driver that an obstacle is present through sound (using the speakers in the car) and visuals (on the instrument panel)

❑ "Front ParkSense Volume": to select the level of volume provided by the Park Sensors system for the front area of the car. The possible options are "Low", "Med", "High"

❑ "Rear ParkSense Vol.": to select the volume level provided by the Park Sensors system referred to the rear of the car. The possible options are "Low", "Med", "High"

❑ "Driver Attention Assist: to activate/deactivate the display of information provided by the DAA (Driver Attention Assist) system on the instrument panel display. The system

activates automatically each time the engine is started.

❑ "Blind Spot Monitoring": to select the intervention mode of the Blind Spot Monitoring system, which signals the presence of objects in the blind spots of the exterior mirrors. Possible options are "Off", "Lights", "Visual + Sound"

- "Off": system deactivated
- "Visual": the system warns the driver that an obstacle is present through visual indications using warning lights on the door mirrors
- "Visual+ Sound": the system warns the driver that an obstacle is present through sounds (using the speakers in the car) and visual indications using warning lights on the door mirrors

❑ "Passenger airbag": to activate/deactivate the front passenger airbag function. A specific message is shown on the display when the function is opened. Select "Continue" to change the status ("On" or "Off") of the front passenger airbag

❑ "Permanent seat belt warning reset": to activate/deactivate the acoustic warning provided by the SBA (Seat Belt Alert) system

CAMERA (where provided)

Select this item to make the following settings:

❑ "Surround View Camera Delay": to



activate/deactivate the delay (a few seconds) of the disappearance of images from the camera when reverse is disengaged

❑ "Surround View Camera Guide Lines": to activate/deactivate the display of guide lines indicating the route of the car when reversing

MIRRORS AND WINDSCREEN WIPERS

Select this item to make the following settings:

❑ "Auto-folding side mirrors": to activate/deactivate the automatic folding of the mirrors when the doors are locked/unlocked. The default setting is "Off"

❑ "Automatic wipers with rain sensor": to activate/deactivate the automatic operation of the windscreen wipers when the rain sensor is activated

LIGHTS

Select this item to make the following settings:

❑ "Headlight Sensitivity": to select the sensitivity level ("1" or "2" or "3") for switching on the headlights

❑ "Greeting lights": to adjust the brightness of the courtesy lights (default setting is "0")

❑ "Adaptive front lights" (where provided): to activate/deactivate the adaptive front lights

❑ "Adaptive front lights" (where provided): to activate/deactivate the adaptive lights

❑ "Flash Lights with lock": to activate/deactivate flashing when the vehicle doors are locked

BRAKES

Select this item to make the following settings:

❑ "Auto Park Brake" (where provided): allows you to activate/deactivate the electric park brake engagement when the engine is stopped

❑ "Brake service": to activate the procedure to service the braking system

DOORS & LOCKS DOORS

Select this item to make the following settings:

❑ "Flash Lights with lock": to activate/deactivate flashing when the vehicle doors are locked

❑ "Passive Entry": to activate of the automatic door closing strategy

❑ "Power Liftgate alert": to activate/deactivate the acoustic warning for the hands-free power liftgate

❑ "Hands-free power liftgate": allows you to activate/deactivate automatic "hands free" tailgate opening

❑ "Power boot opening level (Custom)": to choose how wide the tailgate opens

from four preset positions and one custom position

GEOLOCATION (where provided)

This item can be used to activate or deactivate geolocation mode.

MY CAR (CAR INFORMATION)

The "My Car" (Car Information) function can be activated by using the appropriate widget on the Main Menu or by pressing the "Vehicle" graphic button.

NOTE The widget cannot be enlarged in the main menu

MAIN SCREEN (OVERVIEW)

The main screen ("Overview") shows information about:

❑ Service (scheduled servicing) (1) fig. 464

❑ iTPMS (indirect Tyre Pressure Monitoring System) (2) fig. 464

❑ Explore Drive Mode



SERVICE (SCHEDULED SERVICING)

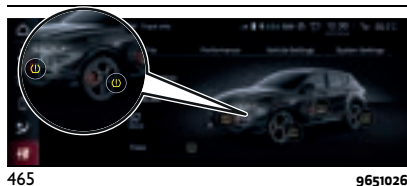
The display shows the km (or miles) and months (or weeks or days) missing until the next service coupon.

iTPMS

(indirect Tyre Pressure Monitoring System)

The display shows the pressure information for each tyre, monitored by iTPMS (indirect Tyre Pressure Monitoring System).

If the inflation pressure corresponds to the correct value, "OK" will appear on the display, otherwise it will display the symbol shown in fig. 465



iTPMS check message

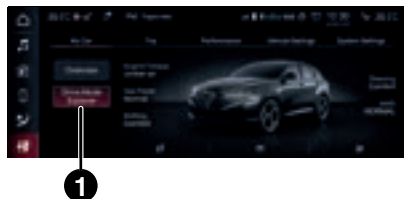
In the event of system failure, dashes "- -" will appear on the display instead of the pressure value to indicate that it cannot be detected.

ALFA DNA™ SYSTEM

Press the graphic button "Explore Drive Mode" (1) fig. 466 (heat engine and Hybrid versions) or (1) fig. 467 (Plug-In Hybrid Q4 version) on the display to view

information related to the driving mode selected by the Alfa DNA™ system.

NOTE The graphic display on the screen varies according to the trim level of the car.



TRIP COMPUTER

(excluding Hybrid and Plug-In Hybrid Q4 versions)

The following information is shown on the main screen of the "Trip" function:

- ☐ "Current Trip"
- ☐ "Trip A"
- ☐ "Trip B"

Select one of the above items to display driving information (fuel consumption, range, etc.).

PERFORMANCE

(where provided)

The "Performance" function can be activated by clicking on the appropriate widget on the Main Menu or by pressing the "Vehicle" graphic button.

The following information is shown on the main screen of the "Performance pages":

- ☐ "Technical tools"
- ☐ "Accessory gauges"
- ☐ "Consumption history"
- ☐ "Efficient driving" (where provided)
- ☐ "Performance" (where provided)
- ☐ "Engine torque management" (where provided)
- ☐ "Temperatures" (where provided)
- ☐ "AWD (All Wheel Drive)" (where provided)



- ❑ "Drag Race" (where provided)
- ❑ "Off Road" (where provided)

Each selected information will be shown on the display in a different colour (for versions/markets, where provided) depending on the condition.

VIEWING CONTENT

Press the display and select the desired item to view the content of one of the information items on the display.

CONNECTED SERVICES - ALFA CONNECT SERVICES



305)

(for versions/markets where provided)



Alfa Connect 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 status of your car, its location, control it remotely and to improve the navigation experience (where provided) thanks to real-time updates.

You can access the Alfa Connect Services using a dedicated mobile app

for smartphone, smartwatch, web portal or the Alfa 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 official Alfa Romeo website.

GENERAL DISCLAIMER

Personal data & privacy

- ❑ The manufacturer will, processes and uses the personal data of the vehicle 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 car, even if by other people, and shall inform all users and occupants of the car about the services and the functions and limits of the system

Operating prerequisites

- ❑ Registration and activation are required to use some of the Alfa Connect Services. Go to the portal, accessible through the official Alfa Romeo website, or use the My Alfa Connect mobile application to do so and login on with your devices

❑ Alfa Connect Services is not available in all countries and is subject to limitations depending on Alfa Connect system type, location and duration of the services

❑ The full operation of the Alfa Connect Services, including eCall EU emergency call 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-storey car parks, mountains, etc.

❑ the services may be unavailable in the event of mobile network overload or problems related to the car power source (e.g. low conventional battery)

❑ When using the services, customers shall keep their passwords secret for strictly personal use and not disclose them to third parties

SERVICES

NOTE The date and time shown on Alfa Connect system display must match the actual date and time, even after disconnecting the battery. Adjust it from the "Settings" menu of the Alfa Connect system. Any discrepancy between the date and time on the display and the actual date and time may be due to a malfunction in the Connected 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:

- "EMERGENCY CALL "EU eCall" and ASSIST roadside assistance" (see "In emergency" chapter)
- "Vehicle Health 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 Stellantis network with a valid e-mail address
- "In-Vehicle Notifications": possibility to receive messages and/or notifications related to the provision of services and reminder messages about the execution of service and/or recall campaigns on the Alfa Connect system display. You can contact the manufacturer's Customer Service for further

information regarding the messages received

❑ **My eCharge** (Plug-In Hybrid Q4 version only): this is a service that allows you to find, use and pay for charging at public charging stations and keep track of your charging history. The service also allows you to manage recharges with your private wallbox charging station directly from your smartphone.

❑ **My Car:** vehicle status monitoring service.

❑ **My Remote:** this can be used to manage remote operations (switching on lights, door lock/unlock, find vehicle, etc.) from the My Alfa Connect mobile app and through compatible voice assistants. **For Plug-In Hybrid Q4 version only**, it is also possible to use the "E-Control" services that allow to manage, remotely, all the functions related to the of the high voltage battery charging, such as charging activation, charging programming and charge level monitoring and respective climate control system programming. If you are planning a high-voltage battery charging session using the Alfa Connect system display on the car and you are charging using tools/connections supplied with planning solutions, make sure that the programming is compatible with the programming of the vehicle, otherwise charging may not take place.

❑ **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. **Alexa Voice Service** (where provided): Users with active data plan with the Wi-Fi Hotspot service can also use the Alexa voice service activated by the Connect system on-board the vehicle to perform operations, such as checking the weather or news, playing music, interacting with the navigation system and remotely controlling intelligent devices in their home. The service can also be accessed remotely, directly from home, to send destinations to the car, monitor the remaining charge, find the nearest charging stations and much more! Follow the steps on the Ubiquiti website for Alfa Romeo to carry



ABC

out immediate activation of the Wi-Fi Hotspot service.

▣ **My Fleet Manager:** innovative fleet management service. With its simple and intuitive interface, and total remote accessibility, it allows absolute control over the activities, service status, maintenance and servicing of each vehicle. With a simple “click” on your smartphone you will have all the information you need in real time, without leaving the office or on the move.

NOTE The hotspot name and password can only be changed with the ignition device in the ON position.

You can enrich Alfa Connect Services experience by purchasing optional services for which a subscription is required.

These can be subscribed to independently by the customer from the catalogue of services available for the car, directly on the personal page of the official Alfa Romeo website.

▣ **My Alert:** optional service with app and web notifications in case of suspected theft attempts and assistance in case of theft.

DEACTIVATION OF GEOLOCATION MODE

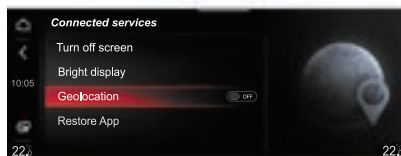
(for versions/markets where provided)

If you wish to deactivate geolocation mode, simply do so from the Alfa

Connect system fig. 468 (see the “Settings” menu of the Alfa 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 Alfa Connect system display when the geolocation function is active (ON). When geolocation is on, the car position is tracked to enable the functions that require it. When geolocation is off, the car position is only tracked by the navigation, safety, insurance and driver assistance systems (where provided). See the Alfa Connect system “Settings” chapter to deactivate the function.



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WARNING If the “default settings are restored”, turn off the engine (ignition device to STOP) and wait a few minutes before restarting it (ignition device to

ENGINE). The incorrect performance of the operation and the short period of time passed between turning off the engine and turning it back on may cause the Privacy settings to not be maintained. In this case, repeat the operation, extending the wait time between turning off the engine and turning it back on.

UPDATING THE SYSTEM

Alfa Connect Services and the Alfa 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 manufacturer’s discretion.

Some system updates will be managed automatically, others will be communicated to the Customer through messages on the Alfa Connect system display, allowing the customer to confirm or postpone the update.

The customer will be notified by the Alfa 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.

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 an 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.



IMPORTANT

305) 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 the Alfa 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 operations and applications of the car. Failure to follow these rules may cause serious accidents and/or death.

UPDATING THE SYSTEM

The Connect system can be updated remotely via Over The Air upgrade.

NOTE The images are given by way of example only. They may differ from those shown below according to the version/market.

NOTE Instead of using external Wi-Fi connections, Over The Air software updates use the data connectivity included with the car, at no additional cost to the customer.

WARNING Some car settings or phone settings may be lost after an Over The Air software update. Check and re-enter missing settings on the Connect system, if necessary.

WARNING Some automatic system updates could take place during a phase of non-use, with the engine off. This may require to switch the ignition device from STOP to ENGINE and back several times to re-establish all audio and video functionality, .

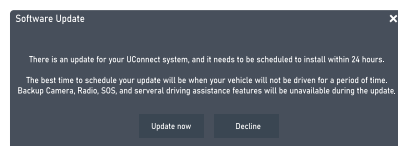
When a software update is available, a pop-up window will appear on the Connect system display alerting you to the presence of a new software version or the availability of new features for the Connect system.

NOTE During the system update phase the camera, Connect system and other driver assistance systems will not be

available. It is recommended that the system be updated while the car is stationary.

INSTANT UPDATE

Press the "Update Now" button fig. 469 to update the software immediately when the pop-up window appears on the display.



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SCHEDULED UPDATE

In case of a mandatory update, press the "Update now" or "Schedule update" button fig. 469. The scheduled update option allows you to define a different update time.

Press the arrows $\triangle/\nabla$ on the display to set the desired time.

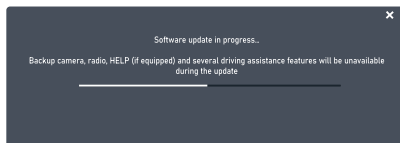
NOTE The scheduled update option can be used 20 times per update. After the 20th postponement the update will be made mandatory when the engine is first started. In case of a mandatory update you can only press the "OK" button on the pop-up and start the update.



ABC

During the update, the radio will show the percentage of the update completed and the time remaining until completion. fig. 470

When the update is complete the Connect system will automatically restart.



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UPDATE OVER EXTERNAL WI-FI

When a software update via Wi-Fi is available, a pop-up window will appear on the display of the Connect system offering the update instantly or at a later time (programmed).

NOTE The rear-view camera, Connect system and other driver assistance systems are not available during the update. It is recommended to carry out the update when the car is stationary. Proceed as follows to allow the Connect system to update its software:

- ❑ select "Settings" on the display

- ❑ select "Wi-Fi" in the settings list
- ❑ select the correct Wi-Fi router from those shown

NOTE If the Wi-Fi router is too far from the car, it will not be shown among the available ones.

- ❑ If prompted, enter the password to access the router and select "OK".

Enabling software updates

Proceed as follows to enable the software updates:

- ❑ Select "Enable software download over Wi-Fi" on the Wi-Fi settings screen.
- ❑ when a software update is available, a pop-up window will appear on the Connect system display to warn that a new update is available. When prompted to connect to a Wi-Fi network, select "Yes"
- ❑ During the update, a second pop-up will show the estimated time remaining and the progress percentage of the update. When the update is finished, press "OK"

Instant update

When the pop-up window appears on screen, press the "Update Now" button to update the software immediately.

Scheduled update

Use the scheduled update option to set a deferred update time. Press the arrows $\triangle/\nabla$ on the display to set the desired time.

NOTE The scheduled update option can be used 20 times per update. After the 20th postponement the update will be made mandatory when the engine is first started. In case of a mandatory update you can only press the "OK" button on the pop-up and start the update.

During the update the Connect system display will show the percentage of the update completed and the time remaining until completion.

When the update is complete the Connect system will automatically restart.

UPDATE ERRORS

In case of errors during the update, the operation will be interrupted and the following messages will appear:

- ❑ "An error has occurred. The system will revert to the previous software version."
 - ❑ "Update failed. - An error was detected during the update procedure. Please contact your dealer. Error code: XXXX"
- Contact an Alfa Romeo Dealership in this case.

ALFA CONNECT BOX UPDATE

(where provided)

The Connect system can update the Alfa Connect Box remotely via Over The Air update.

NOTE Instead of using external Wi-Fi connections, Over The Air software updates use the data connectivity

included with the car, at no additional cost to the customer.

When a software update Alfa Connect Box is available, a pop-up window will appear on the screen offering the update instantly or at a later time.

NOTE The Alfa Connect Box can be updated only when the car is switched off (ignition device in STOP position).

Instant update

When the pop-up window appears on screen, press the "Update Now" button to update the software immediately.

The update will take place with the car is off. When the update is complete the Connect system will automatically restart.

Scheduled update

Use the scheduled update option to set a deferred update time. Press the arrows   on the display to set the desired time.

During the update the Connect system display will show the percentage of the update completed and the time remaining until completion.

When the update is complete the Connect system will automatically restart.

Update errors

In case of errors during the update, the operation will be interrupted and the

following messages will appear:

❑ "An error has occurred. The system will revert to the previous software version."

❑ "Update failed. - An error was detected during the update procedure. Please contact your dealer. Error code: XXXX"
Contact an Alfa Romeo Dealership in this case.

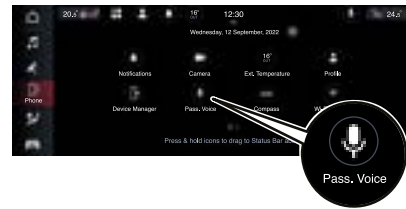
VOICE COMMANDS

NOTE Voice commands are not available for languages not supported by the system.

To use voice commands, press the "Voice"  button on the steering wheel controls or the graphic button

 fig. 471 on the display and say out loud the function you want to activate. Alternatively, the function can be activated by saying "Hey Alfa Romeo" or "Hey Connect" (if the driver has previously enabled the function, for versions/markets, where provided).

The list of available voice commands is shown on the display divided by categories.



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The list of frequently used voice commands is shown below.

Navigation

Refer to the "Navigation" chapter for voice commands related to Navigation mode.

PHONE

If a phone is connected to the Connect system via **Bluetooth®**, these commands can be given by any of the main displays provided that there are no ongoing phone calls.

If no phone is connected via **Bluetooth®**, the Connect system will provide voice message and the session will be closed.

- ❑ Call <contact name>: to dial the phone number associated with the contact
- ❑ Call <number>: to dial the phone number associated with the contact
- ❑ Write message: to start the voice process to send a text



ABC

- ❑ Call back: to call the number or contact associated to the last outgoing call
- ❑ Recent calls: to show the list of the last calls made, missed and received
- ❑ Show calls made: to display the outgoing calls list
- ❑ Show missed calls: to view the missed calls list
- ❑ Show received calls: to view the received calls list

TEXT

If a phone is connected to the Connect system via **Bluetooth®**, these commands can be given by any of the main displays provided that there are no ongoing phone calls.

If no phone is connected via **Bluetooth®**, the Connect system will provide voice message and the session will be closed.

- ❑ Send a message to <contact> mobile/work: to start the voice process to send a text message to a contact

MEDIA

These commands can be given from any screen provided that there are no ongoing phone calls.

- ❑ I want to listen to music: to start playing the last radio station you listened to
- ❑ Play <track> by <artist>: to play the requested track

- ❑ Let me hear some <genre>: play music of the required genre
- ❑ Show my playlists: to show the list of saved playlists
- ❑ Play album <album name>: to play the requested album
- ❑ Play artist <artist name>: to play music by the requested artist
- ❑ Play <genre name> genre: to play music of the required genre
- ❑ Play <Playlist name> playlist: to play the required playlist

RADIO

These commands can be given from any screen provided that there are no ongoing phone calls.

- ❑ I want to listen to the radio: to start playing the last radio station you listened to
- ❑ Play <name> radio: to start playing the chosen radio
- ❑ Play channel <number>: to start playing the selected web radio channel
- ❑ Tune to <frequency> in <FM>/<AM>: tunes the radio to the chosen frequency
- ❑ Tune to <Radio name>: to tune the radio to the chosen station
- ❑ Tune to <Radio name> DAB channel: to tune the radio to the chosen station

CLIMATE

These commands can be given from any screen provided that there are no ongoing phone calls.

- ❑ Set temperature to <value>: to set the desired temperature on the automatic climate control system
- ❑ Set the fan speed to <value>: set the fan speed of the climate control system
- ❑ Turn the A/C on: to start the automatic climate control system

NOTE If the fields include special characters of languages not supported by the system (e.g. Greek) the voice commands will not be available. The voice command operation may change as a result of system updates.

OFFICIAL TYPE APPROVALS



RADIO DEVICES

All radio equipment provided with the car complies with Directive 2014/53/EU, UA.RED.TR, the French SAR Decree Law of 15/11/2019 and the UKCA (UK Conformity Assessed) Certification in force in the United Kingdom.

For more information go to www.mopar.eu/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/eu/owner or <http://aftersales.fiat.com/elum/>



ABC



EXTENDED WARRANTY &/OR SERVICE PLANS - SUBSCRIBE TO PEACE OF MIND

A collection of extended warranty and service plans (where and which provided) to match the way you drive



PROTECTION

Protect yourself
from the
unexpected.



PREDICTABILITY

Anticipate the costs,
with no surprises.



FLEXIBILITY

Tailor your FlexCare
plan to your needs



EXPERTISE

Benefit from Brand Parts
and the unique expertise
of our network.

The extended warranty, called Extended Care Premium, lets you extend the manufacture warranty beyond its stand duration, allowing you to benefit from the same vehicle protection as the original manufacturer warranty for up to three more years. You can subscribe to an extended warranty contract any time before the original manufacturer's warranty expires.

The Service Plan, on other hand, doesn't just help the maintenance costs of your vehicle, but also gives you valuable additional services to make life with your vehicle easier. There are various levels of service plans available, from basic scheduled servicing operations to more complete packages such as "Complete Care Plus" which combines extended warranty, schedule maintenance, wear items & roadside assistance all in one exclusive plan.

You can discover more and purchase directly on line by visiting the Brand website or speak to your local dealership to see which one is more suitable for your vehicle.

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La meccanica delle emozioni

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