



4C

OWNER HANDBOOK

15/03/16 15:59

This Owner Handbook illustrates the operating instructions of the car.

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

ONLINE OWNER HANDBOOK

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

Go to elum.alfaromeo.com where you will find all the details of the Owner Handbook.

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

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

Have a nice read and happy motoring!

Dear Customer,

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

We have written this handbook to help you get to know all the features of your vehicle and use it in the best possible way.

Here you will find information, advice and important warnings regarding use of your car and how to obtain the best performance from the technical features of your Alfa 4C.

You should 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 gearbox; at the same time, you can understand the behaviour of the car 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 4C over time.

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

We are sure that these will help you to get in touch with and appreciate your new car and the service provided by the people at Alfa Romeo.

Enjoy reading. Happy motoring!

VERY IMPORTANT

REFUELLING



Only refuel with unleaded petrol with octane rating (RON) not less than 95, in compliance with the European specification EN228. In particular, the engine of Alfa 4C has been designed to comply with all emission limits while simultaneously guaranteeing minimal consumption and maximum performance, using premium-quality unleaded petrol with octane rating (RON) 98 or higher. The use of petrol that does not conform to the specification indicated may cause the warning light to switch on and the irregular operation of the engine.

STARTING THE ENGINE



Make sure that the handbrake is engaged. Press the brake pedal and, without pressing the accelerator, turn the ignition key to AVV; release it as soon as the engine has started.

PARKING ON FLAMMABLE MATERIAL



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

PROTECTING THE ENVIRONMENT



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

ELECTRICAL ACCESSORIES



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

SCHEDULED SERVICING



Correct maintenance of the car is essential for ensuring it stays in tip-top condition and safeguards its safety features, its environmental friendliness and low running costs for a long time to come.

IN THE OWNER HANDBOOK



... you will find information, tips and important warnings regarding the safe, driving and looking after your car properly. Pay particular attention to the symbols  (personal safety)  (environmental protection)  (car safety).

USING THE HANDBOOK

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

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

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

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

WARNINGS AND PRECAUTIONS

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

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

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

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



personal safety;



vehicle safety;



environmental protection.

NOTE These symbols, when necessary, are indicated besides the title or at the end of the line and are followed by a number. That number recalls the corresponding warning at the end of the relevant section.

IMPORTANT

This Owner Handbook describes all Alfa 4C versions. Options, equipment dedicated to specific markets or versions are not explicitly indicated in the text: as a consequence, you should only consider the information 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).

All data contained in this publication are intended to help you use your vehicle in the best possible way. FCA Italy S.p.A. aims at a constant improvement of the vehicles produced. For this reason it reserves the right to make changes to the model described for technical and/or commercial reasons.

For further information, contact a dedicated Alfa Romeo Dealership.

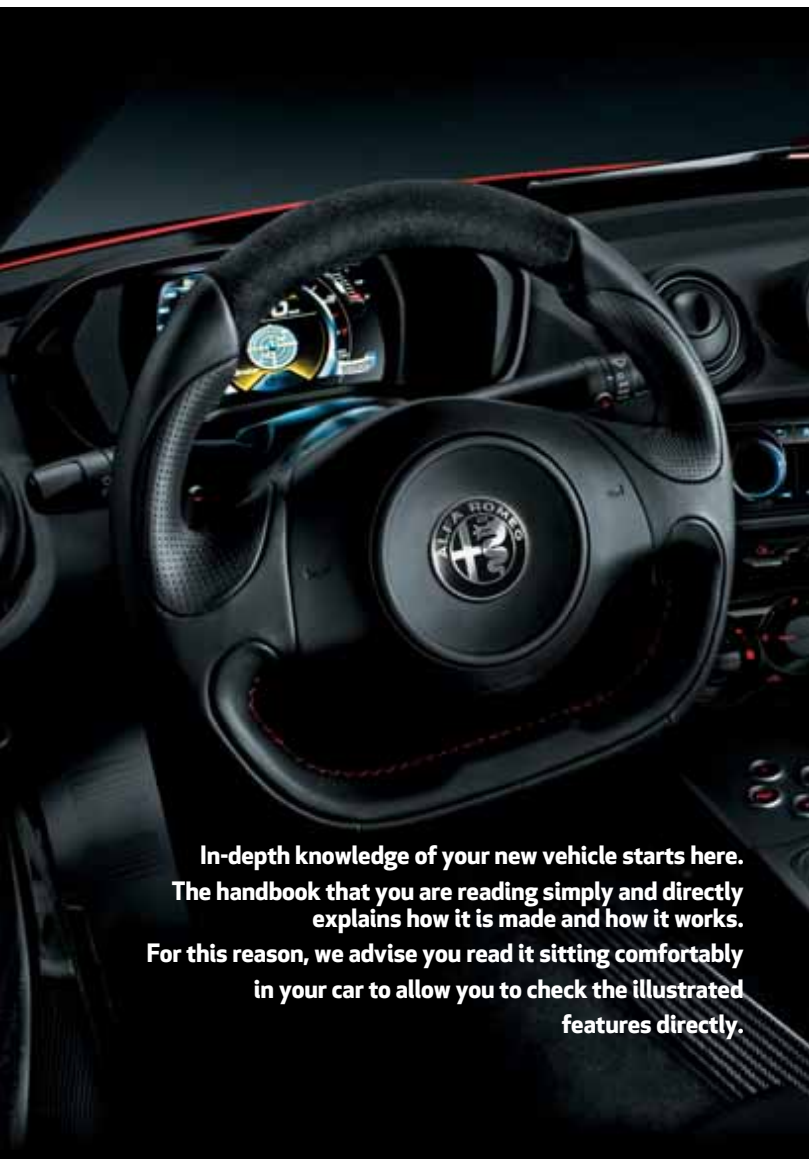
VEHICLE CHANGES / ALTERATIONS



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

KNOWING YOUR CAR	
KNOWING THE INSTRUMENT PANEL	
SAFETY	
STARTING AND DRIVING	
IN AN EMERGENCY	
SERVICING AND CARE	
TECHNICAL DATA	
SPIDER	<i>Spider</i>
CONTENTS	ABC

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**In-depth knowledge of your new vehicle starts here.
The handbook that you are reading simply and directly
explains how it is made and how it works.
For this reason, we advise you read it sitting comfortably
in your car to allow you to check the illustrated
features directly.**

KNOWING YOUR CAR

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INSTRUMENT PANEL



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1. Air vents 2. Left stalk 3. Instrument panel 4. Right stalk 5. Passenger airbag 6. Controls on dashboard
7. Heater/climate control system 8. Steering wheel 9. Control buttons

THE KEYS

MECHANICAL KEY

Operation

The metal insert 1 fig. 1 operates:

- ☐ the ignition switch;
- ☐ the door locks.



1

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KEY WITH REMOTE CONTROL (where provided)

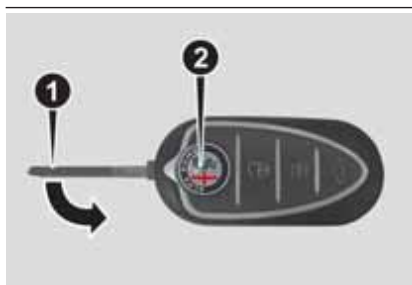


Operation

The metal insert 1 fig. 2 operates:

- ☐ the ignition switch;
- ☐ the door locks.

Press button 2 to open/close the metal insert. ⚠ 1) ⚠ 1)



2

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Door unlocking

Briefly press the button: to unlock doors and switch on ceiling light for a fixed time; direction indicators will flash twice (where provided).

The doors are unlocked automatically if the fuel cut-off system intervenes.

If when locking the doors, one or more doors are not closed correctly, the LED flashes quickly together with the direction indicators.

Door locking

Press button briefly: to unlock doors and switch off ceiling light; direction indicators will flash once (where provided).

If one or more door are open, the doors will not be locked. This is indicated by a rapid flashing of the direction indicators (where provided). The doors will be locked if the tailgate is open however.

When the doors are locked from outside the car (using the remote control), LED 1 fig. 3 will light up for a few seconds and then start blinking (deterrent function).



3

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When the doors are locked from inside the car (by pressing the button on the dashboard) the LED will remain on constantly.



Spider

ABC

KEY WITH REMOTE CONTROL BATTERY REPLACEMENT

Procedure



- ❑ press button 1 fig. 4 and move the metal insert 2 to opening position; turn screw 3 to  using a small point screwdriver;
- ❑ remove battery compartment 4 and replace battery 5, respecting the polarity; reinsert compartment 4 in the key and secure it by turning screw 3 to .



IMPORTANT

1) Press button 2 only with the key away from your body, especially your eyes and from objects which could get damaged (e.g. your clothes). Do not leave the key unattended to avoid the button being accidentally pressed while it is being handled, e.g. by a child.



WARNING

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



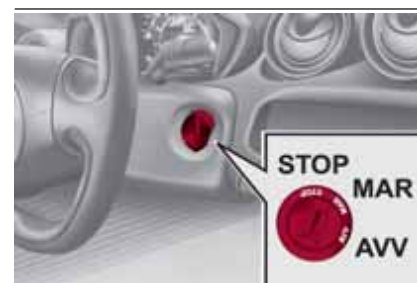
WARNING

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

IGNITION DEVICE

The key can be turned to three different positions fig. 5:

- ❑ STOP: engine off, key can be removed, steering column locked. Some electrical devices (e.g. radio, central door locking system, alarm, etc.) are still available;
- ❑ MAR: driving position. All electrical devices are available;
- ❑ AVV: engine starting.



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The ignition device is fitted with a safety system that requires the ignition key to be turned back to STOP if the engine does not start, before the starting operation can be repeated. 

STEERING LOCK

Activation

When the key is at STOP, remove the key and turn the steering wheel until it locks.

Deactivation 4) 5)

Move the steering wheel slightly and turn the ignition key to MAR.



IMPORTANT

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

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

4) 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 vehicle with type-approval requirements.

5) Never extract the mechanical key while the vehicle is moving. The steering wheel will automatically lock as soon as it is turned. This holds true for cars being towed as well.

ALFA ROMEO CODE SYSTEM



The Alfa Romeo Code prevents unauthorised use of the vehicle, disabling engine starting.

Operation

Each time the car is started by turning the ignition key to MAR, the Alfa Romeo CODE system control unit sends an acknowledgement code to the Powertrain Control Module to deactivate the inhibitor.

The code is sent only if the Alfa Romeo CODE system control unit has recognised the code transmitted by the key.

Each time the ignition key is turned to STOP, the Alfa Romeo CODE system deactivates the functions of the Powertrain Control Module.

Activation of warning light while driving

- ☐ If the  digital warning light on the display switches on, this means that the system is running a self-diagnosis (for example due to a voltage drop).
- ☐ If the  digital warning light remains on, contact the dedicated Alfa Romeo Dealership.

ALARM SYSTEM

(where provided)

OPERATION OF THE ALARM



Operation of the alarm is indicated by an acoustic and visual signal (flashing of the direction indicators for several seconds). The alarm activation modes may vary according to the market. There is a maximum number of acoustic/visual cycles. When this is reached the system returns to normal operation.

IMPORTANT The alarm is adapted by the Manufacturer to meet the requirements of the various countries where the vehicle is marketed.

ARM ALARM

With the doors and tailgate closed and the ignition key either turned to STOP or removed, point the key with remote control towards the car then press and release the  button.

For some versions, the system emits an acoustic signal and activates door locking.



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ABC

DISARM ALARM

Press the  button.

IMPORTANT If the central door locking system is released using the metal insert of the key, the alarm is not disabled.

EXCLUDING THE ALARM

To completely disable the alarm (e.g. during a lengthy period of car inactivity), lock the car by turning the metal insert of the key in the door lock.

VOLUMETRIC/ANTI-LIFT PROTECTION

To ensure the correct operation of the protection, completely close the side windows.

To disable the volumetric protection, turn the ignition key from STOP to MAR twice in a row, then activate the alarm within 15 seconds, pressing the  button on the remote control.

To disable the anti-lift protection as well, the ignition key must be turned from STOP to MAR three times in a row, followed by activating the alarm within 15 seconds, pressing the  button on the remote control.

DOORS**DOOR CENTRAL LOCKING/UNLOCKING****Locking from the outside**

With the doors closed, press the  button on the key or turn the metal insert (located inside the key) in the door lock. LED 1 fig. 6 on the  button on the dashboard will switch on to indicate that the doors have locked.



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Door locking is carried out with all doors shut, irrespective of the tailgate open/closed status.

Door unlocking from the outside

Press the  button on the key or turn the metal insert (located inside the key) in the driver side door lock.

Door locking/unlocking from the inside

Press the  button. The button has an LED that indicates whether the doors are locked or unlocked.

LED on: doors locked.

LED off: doors unlocked.

EMERGENCY DOOR LOCKING DEVICE**Passenger side door**

The passenger side door is fitted with a device to lock it when there is no power.

To lock the door, insert the metal insert of the ignition key in the housing 1 fig. 7 and turn it clockwise.

To restore the starting condition of the door locks (only if battery charge restored), proceed as follows:

☐ press the  button on the remote control;

or

☐ press the  door locking/unlocking button on the dashboard;



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or

☐ introduce the metal insert of the ignition key in the front door pawl;

or

☐ pull the internal door handle.

Door opening/closing mechanism initialisation

If the battery is disconnected or the protection fuse blows, the door opening/closing mechanism must be initialised as follows:

☐ close all the doors;

☐ press the  button on the key or the  door locking/unlocking button on the dashboard;

☐ press the  button on the key or the  door locking/unlocking button on the dashboard.

SEATS

ADJUSTMENTS

Lengthwise adjustment

(where provided)

Lift lever 1 fig. 8 and push the seat forwards or backwards: in the driving position your arms should rest on the rim of the steering wheel.  6) 7)



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ABC

Backrest angle adjustment (where provided)

Lift lever 2 fig. 9 and adjust the backrest angle at the same time.

The backrest angle can be adjusted to three positions because of special sports configuration.



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Height adjustment (where provided)

In order to achieve the ideal driving position, the height of the seats can also be adjusted. Workshop equipment is required to make this adjustment: contact a dedicated Alfa Romeo Dealership.



IMPORTANT

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

7) After releasing the adjustment lever, always check that the seat is locked into place by trying to move it back and forth. Failure to lock the seat in place could result in the seat moving suddenly and the driver losing control of the car.

8) For maximum protection, keep the backrest upright, lean back into it and make sure the seat belt fits closely across your chest and pelvis.



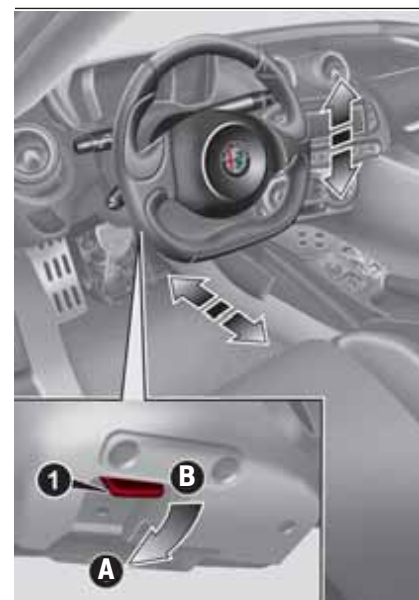
IMPORTANT

2) 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.

STEERING WHEEL

It can be adjusted axially and vertically.

To adjust, release lever 1 fig. 10, pushing it forwards (position A). Having made the adjustment, lock lever 1 by pulling it towards the steering wheel (position B). 9) 10)



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IMPORTANT

- 9)** Adjustments must be made only with the vehicle stationary and engine off.
10) 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 vehicle with type-approval requirements.

REAR VIEW MIRRORS

INTERIOR MIRROR

Adjustment

Operate lever 1 fig. 11 to adjust the mirror into two different positions: normal or anti-glare.



11

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DOOR MIRRORS



Electric adjustment

The mirrors can only be adjusted with the ignition key at MAR.

Select the mirror you wish to adjust using device 3 fig. 12:

- ☐ device in position 1: left mirror selection;



12

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- ☐ device in position 2: right mirror selected.

To adjust the selected mirror, press button 4 in the four directions indicated by the arrows.  11)

IMPORTANT Once adjustment is complete, rotate device 3 to position 0 to prevent accidental movements.



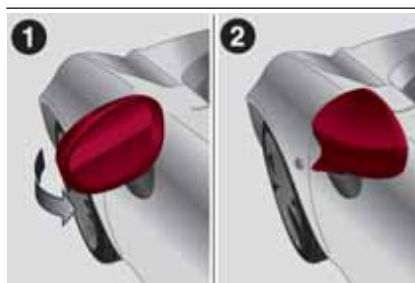
Spider

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Manual mirror folding

If necessary, fold the mirrors, moving them from position 1 to position 2 fig. 13.

IMPORTANT When driving, the mirrors should always be in position 1.



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Mirror demisting (where provided)

Press button  fig. 14 to enable this function.

Activation is indicated by the digital warning light on the display.

Press  again to disable the function in advance.



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IMPORTANT

11) As the driver's door mirror is curved, it may slightly alter the perception of distance.

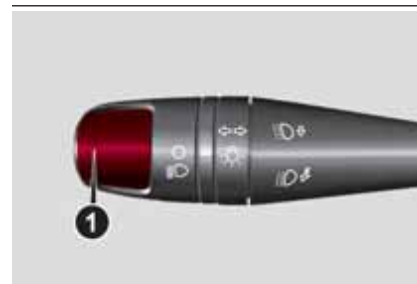
EXTERNAL LIGHTS



The left stalk fig. 15 operates most of the external lights.

The external lights can only be switched on when the ignition key is at MAR.

The instrument panel and the dashboard and central tunnel controls will light up together with the exterior lights.



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DRL (Daytime Running Lights)

With the ignition key at MAR and ring nut 1 fig. 15 turned to , the daytime running lights switch on. The other lights and interior lighting stay off.

IMPORTANT The daytime running lights are an alternative to the dipped headlights for 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.

IMPORTANT Daytime running lights cannot be used in place of dipped headlights when driving through tunnels or at night.

The use of daytime running lights is governed by the Highway Code of the country in which you are driving. Comply with legal requirements.

SIDE LIGHTS/DIPPED BEAM HEADLIGHTS

With the ignition key at MAR and ring nut 1 fig. 15 turned to , the side lights and dipped beam headlights switch on.

The daytime running lights are switched off and the side lights and dipped beam headlights are switched on. Warning light  comes on in the instrument panel.

PARKING LIGHTS

These lights can only be switched on with ignition key at STOP or removed, by moving ring nut 1 fig. 15 first to position  and then to position .

The warning light  on the instrument panel will come on.

MAIN BEAM HEADLIGHTS

To activate the main beam headlights, with ring nut A at , pull the stalk towards the steering wheel beyond the end of travel position.

The warning light  on the instrument panel will come on. When the stalk is pulled towards the steering wheel again, beyond the end of travel position, the main beam headlights deactivate, the dipped beam headlights reactivate and the  warning light switches off.

FLASHING

To do this, pull the stalk towards the steering wheel (unstable position), regardless of the position of ring nut 1 fig. 15. The warning light  on the instrument panel will come on.

DIRECTION INDICATORS

Bring the left stalk fig. 15 to the (stable) position:

-  upwards: activates right direction indicator;
-  downwards: activates left direction indicator.

The  or  warning light will flash on the instrument panel.

The direction indicators are switched off automatically when the steering wheel is straightened.

"FOLLOW ME HOME" DEVICE

This device allows you to illuminate the area in front of the car for a certain amount of time.

Activation

With the key turned to STOP or removed, pull the left-hand stalk fig. 15 towards the steering wheel within 2 minutes from when the engine is turned off.

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.

Deactivation

Keep the stalk fig. 15 pulled towards the steering wheel for more than 2 seconds.



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REAR FOG LIGHT

Operation

Press the 0 fig. 16 button to switch the light on/off.

The LED on the button lights up to indicate the activation of the rear fog light. The rear fog light switches on only when the dipped headlights are on.



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INTERIOR LIGHTS

ROOF LIGHT

The lens of roof light 1 fig. 17 can be set to three positions:

- ☐ right side pressed: light always on
- ☐ left side pressed: light always off
- ☐ central position (neutral): the light turns on and off when the doors are opened or closed.



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ROOF LIGHT TIMING

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 roof light switches on as follows:

- ☐ for about 10 seconds when the doors are unlocked;
- ☐ for about 3 minutes when one of the doors is opened;
- ☐ for about 10 seconds when one of the doors is closed.

The timed period is interrupted when the ignition is turned to "MAR-ON".

Timing while getting out of the car

After removing the key from the ignition switch, the roof light will switch on as follows:

- ❑ for about 10 seconds, if the key is removed within 2 minutes of the engine switching off;
 - ❑ for about 3 minutes when one of the doors is opened;
 - ❑ for about 10 seconds when one of the doors is closed.
- The timing stops automatically when the doors are locked.

WINDSCREEN WASHER/ WIPER



This operates only with the ignition key turned to MAR.

Operation



Ring nut 1 fig. 18 can be set to the following positions:

- windscreen wiper off;
- ⏏ intermittent operation;
- ⏏ continuous slow operation;
- ⏏ continuous fast operation.



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Move the stalk upwards (unstable position) to limit operation to the time for which the stalk is held in this position. When released, the stalk will return to its initial position and the screen wiper will be stopped automatically.

With ring nut 1 fig. 18 in ⏏ position, the windscreen wiper will automatically adapt its operating speed to the speed of the vehicle.



IMPORTANT

12) Do not use the screen wiper to remove layers of snow or ice from the windscreen. 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 restored (even after restarting that car with the key), contact a dedicated Alfa Romeo Dealership.

13) Do not operate the screen wiper with the blades lifted from the windscreen.



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ABC

CLIMATE CONTROL



HEATING AND VENTILATION



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- 1 air temperature adjustment knob (hot/cold air mixing);
 - 2 internal air recirculation on/off cursor;
 - 3 fan activation/adjustment knob;
 - 4 air distribution knob:
- ↗ air from central and side vents and side diffusers;
 - ↘ air from central and side vents, side diffusers and footwell diffusers;
 - ↙ air from footwell diffusers;
 - ↖ air from footwell and side diffusers and from windscreen diffuser;
 - ⌵ air from windscreen diffuser and side diffusers.

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MANUAL CLIMATE CONTROL SYSTEM (where provided)



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- 1 air temperature adjustment knob (hot/cold air mixing);
- 2 internal air recirculation on/off cursor;
- 3 fan activation/adjustment knob;
- 4 air distribution knob;
- 5 climate control compressor on/off button;
- 6 mirror demister button.



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ABC

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Knob 4 enables the air introduced into the vehicle to reach all areas of the passenger compartment through five distribution options:

-  air from central and side vents and side diffusers;
-  air from central and side vents, side diffusers and footwell diffusers;
-  air from footwell diffusers;
-  air from footwell and side diffusers and from windscreen diffuser;
-  air from windscreen diffuser and side diffusers.



IMPORTANT

2) The system uses a coolant that is compatible with the laws in force in the countries where the vehicle is sold, R134a or R-1234yf (indicated on a specific plate in the engine compartment). The use of other coolants affects the efficiency and condition of the system. Also the compressor coolants used must be compatible with the indicated coolant.

ELECTRIC WINDOWS

These operate when the ignition key is turned to MAR and for about three minutes after the ignition key is turned to STOP or removed unless one of the doors is opened.

The buttons are located on the central tunnel.  14)

CONTROLS

- 1 - opening/closing of left-hand window;
- 2 - opening/closing of right-hand window.



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Push the corresponding buttons to open/close the desired window.

When one of the two buttons is pressed briefly, the window moves in stages; if the button is held down to open, "continuous automatic" operation is activated.

If the button is pressed again the window will stop in its current position. If the button is pressed for several seconds, the window lowers automatically (only with ignition key in MAR position).

Automatic continuous operation (where provided)

This is activated by pressing one of the two buttons for longer than half a second. The window stops when it reaches the end of travel position, or when the button is pressed again. It can be used on both the driver side and passenger side, only for lowering the window.

Electric window system initialisation

After there has been no power supply for the control units (battery replaced or disconnected or protective fuses for the electric window control units replaced), the automatic operation of the windows must be restored.

The restoration procedure must be performed as described below with the doors closed:

- ☐ completely open the driver's door window keeping the operating button pressed for at least three seconds after the (lower) end of travel position;

- ☐ completely raise the driver's side window and keep the button pressed for at least three seconds once the end of travel position (upper end stop) has been reached;

- ☐ repeat stages 1 and 2 for the passenger-side window;

- ☐ make sure that the initialisation is correct by checking that the windows work automatically.



IMPORTANT

14) *Incorrect use of the electric windows may 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. When leaving the car, always remove the key from the ignition to prevent accidental operation of the electric windows from being a hazard for those still on board.*



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ABC

BOOT / BONNET



15)

OPENING

IMPORTANT Temperatures higher than 65°C may be reached in the boot during normal use. Be careful when transporting objects which may be damaged by temperatures like these.

Do not keep aerosol cans in the car: they might explode. Aerosol cans must not be exposed to temperatures above 50°C.

Procedure 16) 17))

□ with driver side door open, pull lever 1 fig. 22, located at the point illustrated in the figure;



22

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□ raise the tailgate and release supporting rod 2 fig. 23 from its locking device 3;



23

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□ insert the end of the rod in housing 4 fig. 24, making sure that the rod engages in the smallest hole of the retaining clip. Care must be taken to keep the tailgate raised until the rod is fixed in the correct position. 18)



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IMPORTANT Maintain a tight grip on the tailgate when raising, in order to prevent any external occurrence (e.g. a gust of wind) from suddenly opening the tailgate to end of travel. Additionally, in order to prevent any damage to the car or broken windows, do not force the tailgate beyond the opening position necessary to secure the supporting rod 2 in the hole of the retaining clip.

CLOSING

Procedure 19)

- ❑ hold the tailgate up with one hand and use the other to remove rod 2 fig. 23 from housing 4 fig. 24 and reinsert it in its locking device 3 fig. 23;
- ❑ lower the tailgate to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the tailgate is completely closed and not only fastened in safety position by trying to open it. If it is not completely closed, do not press the bonnet down, but raise it and repeat the procedure.

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



IMPORTANT

- 15)** The maximum permitted load in the luggage compartment, in addition to the kits provided, is 15 kg.
- 16)** When accessing the rear boot, take care with parts that may be hot, owing to the adjacent engine compartment. Danger of serious burns.
- 17)** Perform these operations only when the car is stationary.
- 18)** The tailgate may drop suddenly if the supporting rod is not positioned correctly.
- 19)** For safety reasons, the tailgate must always be closed properly while the car is travelling. Therefore, always make sure that the tailgate is closed properly and that the lock is engaged. If you realise during travel that the lock is not fully engaged, stop immediately and close the tailgate in the correct manner.

HEADLIGHTS

LIGHT BEAM DIRECTION

The correct orientation of the headlights is important for the driver's comfort and safety as well as for all other road users. This is also covered by a specific rule of the highway code.

The headlights must be correctly directed to ensure the best visibility conditions for all drivers. Contact a dedicated Alfa Romeo Dealership to have the headlights checked and adjusted.

ADJUSTING THE HEADLIGHTS ABROAD

The dipped beam headlights are aligned to comply with the regulations of the country of purchase.

When in countries where you drive on the other side of the road, you need to alter the beam direction in order not to dazzle the vehicles travelling in the opposite direction, proceeding as follows:

- ❑ open the protective flap 1 fig. 25 on the inner wheel arch; it can be located by steering the wheel completely;



Spider

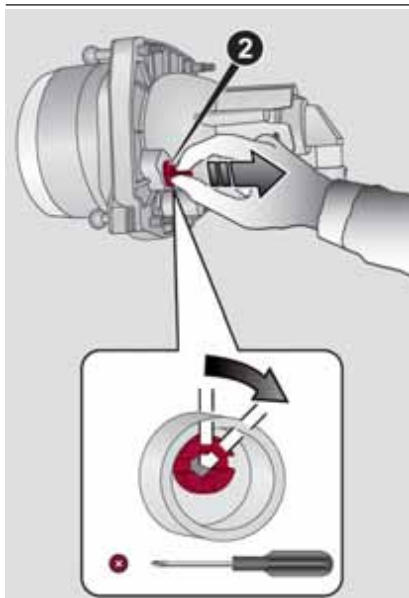
ABC



25

AOL0142

- ☐ introducing the hand in the opening cleared by the flap, find out the pressure-fit protective cap 2 fig. 26 and remove it;
- ☐ in the luggage compartment find the supplied screwdriver and insert it in the operating hole;
- ☐ rotate the screw as shown in fig. 26 until you hear the lock click;
- ☐ refit the protective cap 2.



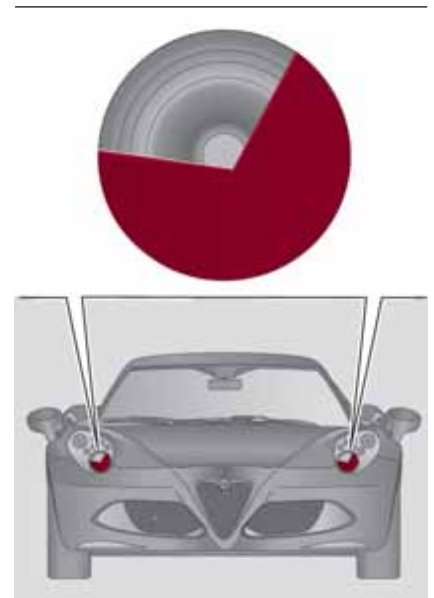
26

AOL0141

The procedure must be carried out on both headlights.

For versions with Bi-LED headlights to avoid dazzling the drivers on the other side of the road, you need to cover areas of the headlight according to the Highway Code of the country you are travelling in.

Adapt both headlights as shown in fig. 27.



27

AOL0145

Alfa DNA SYSTEM (Car dynamic control system)



This device allows, using lever 1 fig. 28 (on the central tunnel), four car response modes to be selected according to driving style and road conditions:



28

A0L0108

- ☐ d = **Dynamic** or **Race** (sports driving mode);
- ☐ n = **Natural** (mode for driving in normal conditions);
- ☐ a = **All Weather** (mode for driving in poor grip conditions, such as rain and snow).

The lever 1 is a monostable, i.e. it always remains in the central position.

The selected driving mode is indicated by the corresponding LED switching on in the panel and by an indication on the display.

The device acts on the dynamic car control systems (engine, steering, ESC, ASR, ELECTRONIC Q2 systems, etc.).

“Natural” MODE

It is a manufacturer-recommended mode aimed at comfort and safety in normal grip and driving conditions.

“DYNAMIC” MODE

IMPORTANT During the first 250 km of car utilisation, the Dynamic and Race modes are inhibited. Within this first interval of start-up mileage it is advisable to refrain from an aggressive driving style, so that the best gear shifting quality can be achieved over time.

Activation

Move lever 1 fig. 28 upwards (to the letter “d”) and hold in this position for half a second, until the corresponding LED lights up and the “Dynamic” mode activation indicator appears on the display.

When released, lever 1 will return to the central position.

Deactivation

To deactivate “Dynamic” mode and return to “Natural”, move lever 1 fig. 28 downwards (to letter “a”) and keep it in this position for half a second.

“Race” MODE

Activation

Move lever 1 fig. 28 upwards (to the letter “d”) and hold in this position for 5 seconds, until the “Race” mode activation indicator appears on the display.



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ABC

Deactivation

To deactivate "Race" mode and return to "Dynamic", move lever 1 fig. 28 downwards (to letter "a") and keep it in this position for half a second.

"ALL WEATHER" MODE**Activation**

Move lever 1 fig. 28 downwards (to the letter "a") and hold in this position for half a second, until the corresponding LED lights up and the "All Weather" mode activation indicator appears on the display.

Deactivation

To deactivate "All Weather" mode and return to "Natural", move lever 1 fig. 28 upwards (to letter "d") and keep it in this position for half a second.



This section of the handbook gives you all the information you need to understand, interpret and use the instrument panel correctly.

KNOWING THE INSTRUMENT PANEL TOOLS

ON BOARD PANEL AND INSTRUMENTS	29
DISPLAY	32
TRIP COMPUTER	33
WARNING LIGHTS AND MESSAGES	34

CONTROL PANEL AND ON-BOARD INSTRUMENTS

DISPLAY WITH METRIC UNITS



29

A0L0118

1. Engine coolant gauge 2. Clock 3. Tachometer 4. Mode/gear engaged indicator 5. Gear Shift Indicator 6. External temperature
7. Fuel level gauge (the triangle on the right side of the  symbol indicates the side of the car with the fuel filler)
8. Area dedicated to the display of the digital warning light related to the displayed message 9. Trip odometer 10. Speedometer
11. "Alfa DNA" system driving mode 12. Messages or information on display 13. Total odometer.

DISPLAY WITH IMPERIAL UNITS



30

A0L0129

1. Engine coolant gauge 2. Clock 3. Tachometer 4. Mode/gear engaged indicator 5. Gear Shift Indicator 6. External temperature
7. Fuel level gauge (the triangle on the right side of the  symbol indicates the side of the car with the fuel filler)
8. Area dedicated to the display of the digital warning light related to the displayed message 9. Trip odometer 10. Speedometer
11. "Alfa DNA" system driving mode 12. Messages or information on display 13. Total odometer.



Spider

ABC

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DISPLAY

The car is equipped with a display that, according to the previously applied settings, will show useful driving information.

GEAR SHIFT INDICATOR



The GSI (Gear Shift Indicator) system advises the driver to change gear through a specific indication 5 fig. 29, 30 on the instrument panel.

Through the GSI, the driver is notified that the gear change will allow a reduction in fuel consumption.

Therefore, for driving oriented towards reducing fuel consumption, it is advisable to stick to "Natural" or "All Weather" mode and to follow the suggestions of the Gear Shift Indicator, where traffic conditions permit.

When the (▲) icon is displayed on the instrument panel, the GSI suggests switching to a higher gear, while when the (▼) icon is displayed, the GSI suggests shifting to a lower gear.

IMPORTANT The GSI is not active when the transmission is operating in AUTO mode.

The indication in the instrument panel remains on until the driver shifts gear or the driving conditions go back to a situation where gearshifting is not required to improve consumption.

CONTROL BUTTONS fig. 31

▲: to scroll up through the displayed screen and the related options or to increase the displayed value.

SET/↵: press briefly to access the menu and/or go to next screen or confirm the selection. Hold down to go back to the standard screen

▼: to scroll down through the displayed menu and the related options or to decrease the value displayed.



31

A0L0125

IMPORTANT Buttons ▲ and ▼ activate different functions according to the following situations:

- within the menu, they allow you to scroll up or down through the options;
- during setting operations, they increase or decrease the displayed value;
- outside the menu they allow to adjust the on board panel brightness.

MAIN MENU

The menu comprises a series of options which can be selected using the ▲ and ▼ buttons to access the different selection and setting (Setup) operations indicated below.

Some options have a submenu. The menu can be activated by briefly pressing the SET/➡ button.

The menu includes the following items:

- ❑ MENU
- ❑ SPEED BEEP
- ❑ TRIP B ACTIVATION/DATA
- ❑ SET TIME
- ❑ SET DATE
- ❑ AUTOCLOSE (where provided)
- ❑ UNIT OF MEASUREMENT
- ❑ LANGUAGE
- ❑ WARNING VOLUME
- ❑ BELT BUZZER/BEEP (may only be displayed after the SBR system is deactivated by a dedicated Alfa Romeo Dealership)
- ❑ SERVICE
- ❑ AIRBAG/PASSENGER BAG
- ❑ DAYTIME RUNNING LIGHTS (where provided)
- ❑ EXIT MENU

Selecting an option from the main menu without a submenu:

- ❑ press the SET/➡ button briefly to select the main menu setting you wish to change;
- ❑ press buttons ▲ or ▼ (with single presses) to select the new setting;
- ❑ press the SET/➡ button briefly to save the new setting and go back to the previous main menu option.

Selecting an option from the main menu with a submenu:

- ❑ briefly press the SET/➡ button briefly to see the first submenu option;
- ❑ press buttons ▲ or ▼ (single presses) to scroll all options in the submenu;
- ❑ briefly press the SET/➡ button to select the option of the displayed submenu to access the respective submenu;
- ❑ press the buttons ▲ or ▼ (with single presses) to select the new setting for the specific submenu option;
- ❑ briefly press the SET/➡ button to store the setting and go back to the same item of the previously selected menu at the same time.

TRIP COMPUTER

The Trip computer is used to display information on car operation when the key is turned to MAR.

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

Both memories can be reset: i.e. start of a new journey.

"Trip A" can be used to display the values relating to:

- ❑ Range
- ❑ Distance travelled
- ❑ Average consumption
- ❑ Instantaneous consumption
- ❑ Average speed
- ❑ Trip time (driving time).

"Trip B" may be used to display the figures relating to:

- ❑ Distance travelled B
- ❑ Average consumption B
- ❑ Average speed B
- ❑ Trip time (driving time).

The "Trip B" function may be excluded. "Range" and "Instant consumption" values cannot be reset.



Spider

ABC

WARNING LIGHTS AND MESSAGES

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

IMPORTANT Failure indications displayed 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 malfunction is eliminated.

WARNING LIGHTS ON INSTRUMENT PANEL

Warning lights on panel	Meaning	What to do
	LOW BRAKE FLUID/HANDBRAKE APPLIED The warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds.	
	Low brake fluid level The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit.	Restore the brake fluid level, then check that the warning light has switched off. If the warning light stays on, contact a dedicated Alfa Romeo Dealership.
	Handbrake engaged The warning light switches on when the handbrake is engaged.	Release the handbrake, then check that the warning light has switched off. If the warning light stays on, contact a dedicated Alfa Romeo Dealership.

Warning lights on panel	Meaning	What to do
 	EBD FAULT 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. The display shows the dedicated message.	Drive very carefully to the nearest Alfa Romeo Dealership to have the system inspected immediately.
	AIRBAG FAILURE When the key is turned to MAR, the warning light switches on, but it should switch off after a few seconds. The warning light on indicates an airbag system failure. The display shows the dedicated message.	
	SEAT BELTS NOT FASTENED (where provided) The warning light remains on steadily with the car at stationary and the driver's seat belt not correctly fastened. The warning light will turn on flashing together with the buzzer when, with car moving, driver's seat belt are not fastened correctly.	Contact Alfa Romeo Authorized Services if you wish to permanently deactivate the S.B.R. (Seat Belt Reminder) system buzzer. The system can be reactivated using the Set-up Menu.



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ABC

Warning lights on panel	Meaning	What to do
	ABS FAULT The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light switches on to indicate a system fault. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system. The display shows the dedicated message.	Drive carefully and contact a dedicated Alfa Romeo Dealership as soon as possible.
	PASSENGER SIDE AIRBAG DEACTIVATED The warning light  comes on when the front passenger airbag is deactivated. With the front passenger airbag enabled, when the ignition key is turned to MAR, the  warning light switches on constantly for about 4 seconds then it should switch off. If the warning light flashes, this indicates an airbag warning light fault.  22)	Drive carefully and contact a dedicated Alfa Romeo Dealership as soon as possible.

Warning lights on panel	Meaning	What to do
	INJECTION / EOBD SYSTEM FAILURE In normal conditions, when the ignition key is turned to MAR the  warning light switches on, but it should switch off as soon as the engine is started. The operation of the  warning light may be checked by traffic police using appropriate equipment. Comply with the laws and regulations of the country where you are driving.	 3)
	If the  warning light stays on or switches on when driving, it means that the injection system is not working properly; in particular, if the warning light comes on constantly, this indicates a malfunction in the supply/ignition system that could cause excessive exhaust emissions, a possible loss of performance, poor driveability and high fuel consumption. On some versions the display shows the dedicated message. The  warning light switches off if the malfunction disappears, but is still stored by the system.	Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the car with the warning light on constantly may cause damage. Contact a dedicated Alfa Romeo Dealership as soon as possible.
	If the  warning light flashes, it means that the catalytic converter may be damaged.	In this case release the accelerator pedal to lower the engine speed until the warning light stops flashing. Continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing and contact a dedicated Alfa Romeo Dealership as soon as possible.



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ABC

Warning lights on panel	Meaning	What to do
	TPMS SYSTEM	IMPORTANT Do not continue driving with one or more flat tyres as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering. Repair immediately using the dedicated kit (see "Repairing a wheel" paragraph in the "In an emergency" chapter) and contact the dedicated Alfa Romeo Dealership as soon as possible.
	TPMS system fault The warning light switches on when a fault is detected in the TPMS. Should one or more wheels be fitted without sensors, the display will show a warning message until initial conditions are restored.	Contact a dedicated Alfa Romeo Dealership as soon as possible.
	Low tyre pressure - See manual The warning light switches on, together with a dedicated message on the display, to indicate that the tyre pressure is lower than the recommended value and/or that slow pressure loss is occurring. In these circumstances, 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 any situation in which the message is "See manual", it is ESSENTIAL to refer to the contents of the "Wheels" paragraph in the "Technical data" chapter, strictly complying with the indications that you find there.

Warning lights on panel	Meaning	What to do
	ESC ELECTRONIC STABILITY CONTROL SYSTEM When the ignition key is turned to MAR, the warning light switches on, but should switch off as soon as the engine is started. 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. 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 a dedicated Alfa Romeo Dealership as soon as possible to have the problem corrected.
	Hill Holder system fault The digital warning light  switches on and the display shows the dedicated message, informing about Hill Start system failure. ASR OFF WARNING LIGHT When the ignition key is turned to MAR, the warning light switches on, but should switch off as soon as the engine is started. The  warning light switches on when the ASR function of the electronic stability control (ESC) system is deactivated (by selecting "Race" mode). The ASR warning light goes off.	Contact a dedicated Alfa Romeo Dealership as soon as possible.



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Warning lights on panel	Meaning	What to do
	SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS The warning light switches on when the side lights or dipped headlights are turned on. FOLLOW ME HOME The warning light switches on (together with a message shown on the display) when this device is in use (see "Follow me home device" paragraph in "Exterior lights" in the "Knowing your car" chapter).	
	LEFT-HAND DIRECTION INDICATOR The warning light turns on when the direction indicator control lever is moved downwards or, together with the right indicator, when the hazard warning light button is pressed.	
	RIGHT-HAND DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved upwards or, together with the left indicator, when the hazard warning light button is pressed.	
	MAIN BEAM HEADLIGHTS This warning light comes on when the main beam headlights are activated.	

WARNING LIGHTS ON PANEL

Warning lights on panel	Meaning	What to do
	LOW ENGINE OIL PRESSURE When the key is turned to MAR, the digital warning light switches on, but it should switch off as soon as the engine is started. The digital warning light switches on constantly together with the message in the display when the system detects that the engine oil pressure is insufficient.	
	DETERIORATED ENGINE OIL (where provided) The digital warning light will turn on flashing and (on some versions) with a specific message on the display. The digital warning light may flash in the following ways, depending on the versions: – for 1 minute every two hours; – for 3 minute cycles with the warning light off for intervals of 5 seconds until oil is changed. After the initial warning, each time the engine is started up, the digital warning light will continue to flash in the same mode, until the oil is changed. In addition to the warning light the display will also show an associated message (on some versions). If the digital warning light flashes, this does not mean that the car is defective, but simply informs the driver that it is now necessary to change the oil as a result of regular vehicle use. Remember that the deterioration of engine oil is accelerated by using the car for short drives, preventing the engine from reaching operating temperature.	Contact a dedicated Alfa Romeo Dealership as soon as possible to have the problem corrected. 



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Warning lights on panel	Meaning	What to do
	HOT ENGINE COOLANT The digital warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds. The warning light turns on when the engine is overheated. The associated message appears on the display.	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. Should the warning light turn on again at the next start-up, contact a dedicated Alfa Romeo Dealership. If the car is used under demanding conditions (e.g. in high-performance driving): slow down and, if the warning light stays on, stop the car. 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. IMPORTANT On particularly demanding journeys, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.
	ALTERNATOR FAULT The digital warning light comes on with the engine running only when an alternator fault is detected.	Contact a dedicated Alfa Romeo Dealership as soon as possible.

Warning lights on panel	Meaning	What to do
	TCT FAULT The digital warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds. The digital warning light flashes (together with a message in the display and an acoustic signal) to indicate that the TCT is faulty. The warning light or symbol switches on in the case of transmission overheating, after a particularly demanding use; engine performance is limited in this case.	Contact a dedicated Alfa Romeo Dealership as soon as possible. If you need to start the engine in presence of a faulty gearbox, follow the procedure shown in the "TCT twin clutch transmission", paragraph in the "Starting the engine" section, "Starting and driving" chapter.
	DOOR OPEN (where provided) The digital warning light on the display switches on when one or more doors are not properly shut. A buzzer will sound when doors/tailgate are open and the car is moving.	
	BRAKE PAD WEAR (where provided) The digital warning light switches on when the front or rear brake pads show signs of wear. The associated message appears on the display.	Replace the pad as soon as possible.
	ALFA ROMEO CODE SYSTEM FAULT (where provided) The digital warning light (or symbol on the display) will come on (on some versions, with a message on the display) to indicate an Alfa Romeo CODE system or alarm fault.	Contact a dedicated Alfa Romeo Dealership as soon as possible.



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Warning lights on panel	Meaning	What to do
	FUEL RESERVE / LIMITED RANGE The digital warning light switches on in the display when there is approximately 4 - 5 litres of fuel left in the tank.	 24
	FUEL RESERVE SENSOR / LIMITED RANGE FAULT The digital warning light switches on in the display when a fuel reserve sensor fault is detected. The associated message appears on the display.	Contact a dedicated Alfa Romeo Dealership as soon as possible.
	CRUISE CONTROL (where provided) The digital warning light comes on when the key is turned to MAR, but should go out after a few seconds if the Cruise Control function is off. The warning light comes on when the Cruise Control wheel is turned to the ON position (see the "Cruise Control" paragraph in this chapter). The associated message appears on the display.	
	MIRROR DEMISTING / DEFROSTING The digital warning lights switches on in the display when the button located on the control panel is pressed.	

Warning lights on panel	Meaning	What to do
	EXTERIOR LIGHTS FAILURE The symbol and corresponding message appear on the display if a fault is detected in one of the following lights: ☐ daytime running lights (DRLs) ☐ side lights ☐ dipped beam headlights ☐ direction indicators ☐ rear fog lights ☐ reversing lights ☐ number plate lights. The failure relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection.	Check and replace the concerned fuses as shown in the "If a fuse blows" paragraph in the "In an emergency" chapter; if this does not solve the fault, check and replace the concerned bulbs as described in "Replacing an exterior bulb" in the "In an emergency" chapter. Should this operation also fail to resolve the fault, contact the dedicated Alfa Romeo Dealership, for a comprehensive check of the electrical system.
	SERVICE (SCHEDULED SERVICING) The digital warning light appears automatically, together with an associated message, with the key at MAR, starting from 2,000 km (or equivalent distance in miles) from the next scheduled servicing operation and shown again every 200 km (or equivalent distance in miles).	Contact a dedicated Alfa Romeo Dealership. The operations of the "Scheduled Servicing Plan" will be performed and the message will be reset.



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Warning lights on panel	Meaning	What to do
	GENERIC FAILURE INDICATION (where provided) The symbol appears on the display together with the events shown below.	
	Engine oil pressure sensor The symbol appears when a failure is detected in the engine oil pressure sensor. The display shows the dedicated message.	In this case, go to a dedicated Alfa Romeo Dealership as soon as possible to have the fault corrected.
	Clutch overheating message The  symbol, together with a message on the display, lights up to indicate clutch overheating. If you continue driving, the symbol  will disappear and the  warning light will come on (on some versions together with a message on the display) to indicate a gearbox fault.	If the  symbol comes on together with a message on the display, limit the gear shifting and/or change the condition of use, until normal operating conditions are restored. If the  warning light lights up (a message will appear on the display, on some versions) stop immediately, operate the handbrake, switch off the engine and wait 5 minutes: after this, normal transmission operating conditions will be restored. Should the transmission failure condition persist, contact the dedicated Alfa Romeo Dealership.
	FUEL CUT-OFF SYSTEM The symbol and the corresponding message are shown on the display in the following cases: ☐ fuel cut-off system intervention: the yellow symbol lights up; ☐ fuel cut-off system failure: the red symbol lights up.	For reactivating the fuel cut-off system, refer to the description in the “Fuel cut-off system” section in the “In an emergency” chapter. If it is not possible to restore the fuel supply, contact a dedicated Alfa Romeo Dealership.

Warning lights on panel	Meaning	What to do
	BOOT OPEN The symbol and the corresponding message are shown on the display.	
	POSSIBLE ICE ON ROAD The symbol and corresponding message appear on the display when the outside temperature is below or equal to 3°C. IMPORTANT In the event of outside temperature sensor failure, the digits that indicate the value are replaced by dashes.	
	BRAKE LIGHT FAULT The symbol and the corresponding message are shown on the the display when a brake light fault is detected.	The fault may be caused by a burnt bulb, a blown protection fuse or an interruption of the electric connection.
	PARKING SENSOR FAULT The symbol and corresponding message appear on the display if there is a parking sensor failure.	
	DISPLAY OF SELECTED DRIVING MODE (Alfa DNA system) A letter (d, n, or a) corresponding to the active driving mode (dynamic or race, normal, all weather) and an associated message are shown on the display.	



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ABC



IMPORTANT

- 20)** If, when the key is turned to MAR, the warning light does not come on or if it stays on with the vehicle in motion (together with the message on the display) there could be a failure in the safety systems; under these circumstances the airbags or pretensioners may not be triggered in the event of an impact or, more rarely, they could be triggered accidentally. Before proceeding, contact a dedicated Alfa Romeo Dealership to have the system checked immediately.
- 21)** Failure of the warning light is signalled by the flashing for longer than the usual 4 seconds of the warning light. In addition, the airbag system automatically disables the passenger side airbag. In this case, the warning light may not indicate failures in the retaining systems. Before proceeding, contact a dedicated Alfa Romeo Dealership to have the system checked immediately.
- 22)** A failure of the warning light is indicated by the warning light. In addition, the airbag system automatically disables the passenger side airbag.
- 23)** Deteriorated engine oil should be replaced as soon as possible after the digital warning light comes 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 the digital warning light comes on, it does not mean that the level of engine oil is low, so if it flashes you must not top up the engine oil.
- 24)** If the warning light flashes with the car in motion, contact the dedicated Alfa Romeo Dealership.



WARNING

- 3)** If, when the ignition key is turned to MAR, the warning light does not turn on or if it turns on constantly or flashes when travelling (on certain versions, together with the message on the display), contact a dedicated Alfa Romeo Dealership as soon as possible.



The following chapter is very important: it contains a description of the safety systems equipping your car and provides information on how to use them correctly.

SAFETY

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ACTIVE SAFETY SYSTEMS

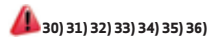
ABS SYSTEM



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 vehicle can be controlled even during emergency braking and optimising stopping distances.

System intervention

The driver can feel that the ABS system has come into action because the brake pedal pulsates slightly and the system gets noisier: this is entirely normal with the system operating.



30) 31) 32) 33) 34) 35) 36)

ASR (AntiSlip Regulation) SYSTEM



37) 38) 39)

This is an integral part of the ESC system and automatically operates in the event of one or both drive wheels slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc.

System intervention

The system intervenes on the engine power and the brakes. It is indicated by the flashing of the  warning light on the instrument panel, to inform the driver that the vehicle is in critical stability and grip conditions.

HBA (Hydraulic Brake Assist) SYSTEM



40) 41) 42)

The HBA system is designed to improve the car's braking capacity during emergency braking: the HBA system therefore completes the ABS system.

Maximum assistance from the HBA system is obtained by continuously pressing the brake pedal very quickly.

EBD SYSTEM

The EBD system is an integral part of the ESC system and intervenes during braking, distributing the brake force optimally between front and rear wheels.

This guarantees greater braking stability for the car, preventing sudden locking of the rear wheels and the consequent instability of the car.

DTC (Drag Torque Control) SYSTEM

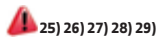
This is an integral part of the ABS system and intervenes in the case of sudden downshifting, or during braking when the ABS intervenes, restoring torque to the engine and thus preventing excessive drag at the drive wheels, which may lead the wheels to lock and a loss of car stability, above all in low-grip conditions.

ESC SYSTEM



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

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



The ESC system comprises the active safety systems such as: ABS, EBD, ASR, HILL HOLDER, etc.

The ESC system switches on automatically when the engine is started and cannot be switched off.

System intervention

This is indicated by the flashing of the  warning light on the instrument panel, to inform the driver that the car is in critical stability and grip conditions.

CBC (Cornering Braking Control) SYSTEM

This system acts when braking on corners, optimising the distribution of brake pressure on the four wheels: the system prevents the wheels on the inside of the corner (less affected by the weight of the car) from locking, ensuring better stability and direction for the car.

HILL HOLDER SYSTEM



This is an integral part of the ESC system and facilitates starting on uphill or downhill slopes by operating the brakes:

IMPORTANT The Hill Holder system is not a parking brake, therefore do not leave the car without activating the handbrake, switched the engine off and engaged first gear, so that the car is parked in safety conditions (for further information read paragraph "When parked" in the chapter "Starting and driving").

IMPORTANT There may be situations on small gradients (less than 8%), with car laden, in which the Hill Holder system may not activate thus 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.

"ELECTRONIC Q2" SYSTEM ("E-Q2")

The DTC 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 this conditions, the engine braking effect could cause the drive wheels to slip, resulting in a loss of vehicle stability. In these situations, the DTC system intervenes, restoring torque to the engine in order to conserve vehicle stability and increase vehicle safety.



Spider

ABC

“PRE-FILL” SYSTEM (RAB - Ready Alert Brake)

(only with “Dynamic” mode engaged)

This function activates automatically if the accelerator pedal is released rapidly, reducing the brake pad travel (both at front and back), with the aim of preparing the braking system and enhancing its responsiveness, thus reducing the stopping distance in the event of subsequent braking.



IMPORTANT

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

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

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

28) For the correct operation of the ASR 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.

29) Do not take unnecessary risks, even if your vehicle is fitted with the ESC and ASR systems.

Your driving style must always be suited to the road conditions, visibility and traffic.

The driver is always responsible for road safety.

30) When the ABS intervenes and you notice the brake pedal pulsating, do not reduce the pressure, but hold it firmly and confidently; in doing so you will brake in the shortest distance possible, depending on the road conditions.

31) For maximum efficiency of the braking system, a bedding-in period of about 500 km is needed: during this period it is better to avoid sharp, repeated and prolonged braking.

32) 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.

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

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

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

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

37) The ASR cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.

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

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

40) The HBA system can't overrule the natural laws of physics, and can't increase the grip available according to the condition of the road.

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

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

TPMS (Tyre Pressure Monitoring System)

(where provided)

DESCRIPTION

The tyre pressure monitoring system (TPMS) warns the driver of low tyre pressure on the basis of the cold inflation pressure prescribed for the car.

Changes in outside temperature may cause tyre pressure to vary. This means that a decrease in the outside temperature corresponds to a decrease in the tyre pressure.

The tyre pressure must always be adjusted according to the cold tyre inflation pressure.

Cold tyre inflation pressure is the tyre pressure after letting the car at a standstill for at least three hours or a travel shorter than 1.6 km after an interval of three hours.

The cold tyre inflation pressure must not exceed the maximum pressure indicated on the tyre sidewall.

Tyre pressure increases also while driving; this is a normal condition and no pressure adjustment is needed.

The TPMS continues to advise the driver of the low tyre pressure condition until this is corrected; the warning continues until the pressure corresponds or exceeds the pressure prescribed for the cold tyres. When the low tyre pressure warning light (⚠) appears on the instrument panel, the inflation pressure must be adjusted up to the prescribed cold inflation value.

The tyre pressure warning light switches off after the system refreshes automatically. You may need to drive the car for about 20 minutes at a speed higher than 20 km/h to allow the TPMS to receive this information.

NOTE

- ❑ The TPMS does not replace the normal tyre maintenance service and does not indicate any fault in a tyre.
- ❑ The TPMS must not be used as a pressure gauge while adjusting tyre pressure

❑ Driving with low tyre pressure causes overheating and may cause a fault in the tyres themselves. The low inflation pressure reduces fuel efficiency and tyre tread life and may also affect handling and braking performance of the car.

❑ The TPMS does not replace the correct tyre maintenance.

It is up to the driver to maintain the correct tyre pressure level measuring it with a suitable pressure switch. This is necessary even if the decrease in the inflation pressure value does not cause the tyre pressure control warning light to switch on.

❑ The TPMS warns the driver of any condition of insufficient tyre pressure. If this drops below the insufficient pressure limit for any reason including low temperature and normal pressure loss of the tyre.

❑ The seasonal temperature changes affect tyre pressure.



Spider

ABC

The TPMS uses wireless devices with electronic sensors mounted on the wheel rims to constantly monitor the value of tyre pressure.

The sensors mounted on each wheel as part of the valve stem transmit various information of the tyres to the receiver module, in order to calculate the pressure.

IMPORTANT Monitoring and maintaining the correct pressure in all four tyres are particularly important.

Tyre pressure monitoring system low pressure warnings

 43) 44) 45) 46) 47) 48) 49) 50) 51)

The system warns the driver if one or more tyres are flat by switching on the  warning light constantly and by displaying a dedicated messages.

In this case, stop the car as soon as possible, check the inflation pressure of each tyre and inflate to the cold tyre pressure value prescribed for the car. The system will automatically update and after receiving the pressure update the tyre pressure warning light switches off.

You may need to drive the car for about 20 minutes at a speed higher than 20 km/h to allow the system to receive this information.



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TPMS operation faults

The system fault is indicated by the dedicated warning light  which first flashes for 75 seconds and then stays on steadily. This can occur in any of the following situations:

- ☐ Interference caused by electronic devices or radio frequency emissions similar to those of the TPMS sensors.
- ☐ Application of tinted films which interfere with the signals of the radio waves.
- ☐ Presence of snow or ice on the wheels or the wheel arches.
- ☐ Use of snow chains.
- ☐ Use of wheels/tyres not equipped with TPMS sensors.

In order to use the system properly, refer to the following table when you have to change wheels/tyres:

Operation	Sensor presence on wheel installed on vehicle	Fault indication	Action needed
-	-	YES	Contact a dedicated Alfa Romeo Dealership
Wheel replacement with winter tyres	NO	SI	Contact a dedicated Alfa Romeo Dealership
Wheel replacement with winter tyres	YES	NO	-
Wheel replacement with others of different size (*)	YES	NO	-

(*) Shown as an alternative in the Owner Handbook or on the registration certificate; available at Lineaccessori Alfa Romeo.



Spider

ABC



IMPORTANT

43) The presence of the TPMS does not permit the driver to neglect regular checks of the tyre pressure, including for the spare wheel.

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

45) Should one or more wheels be fitted without sensors, the system will no longer be available and, in addition to the TPMS warning light flashing for less than one minute before becoming constant, a warning message will be shown on the display, until 4 wheels with sensors are fitted again.

46) The TPMS cannot warn of sudden decreases in tyre pressure (for example when a tyre bursts). In this case, stop the car, braking with caution and avoiding abrupt steering.

47) Replacing standard tyres with winter tyres (and vice versa) requires TPMS adjustment that must only be performed by a dedicated Alfa Romeo Dealership.

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

49) When a tyre is removed, it is advisable to replace the rubber valve seal as well: contact a dedicated Alfa Romeo Dealership. Tyre and/or rim fitting/removal operations require specific precautions; to avoid damaging or fitting the sensors incorrectly, tyre and/or rim fitting/removal operations should only be carried out by specialised staff. Contact a dedicated Alfa Romeo Dealership.

50) Strong radio-frequency interference could inhibit the regular operation of the TPMS. This condition will be indicated by a message on the display. The message will disappear automatically as soon as the radio-frequency interference ceases to affect the system.

51) The tyre repair kit ("Fix&Go Automatic") provided with the car (where provided) is compatible with the TPMS sensors; using sealants not equivalent with that in the original kit may adversely affect its operation. If sealants not equivalent with the original one are used, it is recommended to have the TPMS sensors checked by a qualified repair centre.

SEAT BELTS

All vehicle seats are equipped with seat belts with three anchor points and a retractor.

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

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.

USING THE SEAT BELTS

The belt should be worn keeping the torso straight and rested against the backrest. To fasten the seat belts, hold the tongue 1 fig. 33 and insert it into the buckle 2, until it clicks into place.



33

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

To unfasten the seat belts, press button 3 and guide the seat belt with your hand while it is rewinding, to prevent it from twisting. ⚠ (52))

The retractor may lock when the vehicle 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.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

Comply with (and make sure all car passengers follow) 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. 34.



34

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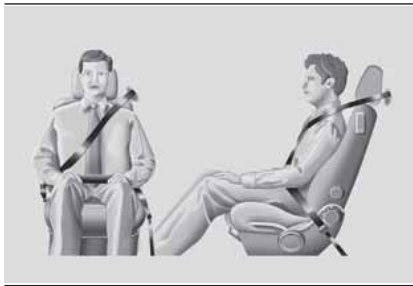
The belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally.



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ABC

The lower part must adhere to the pelvis fig. 35, not to the abdomen of the occupant. Never use devices (clips, clamps, etc.) that hold the seat belt away from your body.  53)



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Each seat belt may only be used by one person at a time:
do not carry children on your lap with one seat belt protecting both fig. 36.
In general, do not place any objects between the person and the belt.

 54) 55)

SEAT BELTS MAINTENANCE

- ☐ Always use the seat belts well stretched and never twisted; make sure that they are free to run without obstructions;
- ☐ check seat belt operation as follows: attach the seat belt and pull it hard;
- ☐ replace the belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the 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 if it shows signs of wear and tear.



IMPORTANT

52) Do not press the button 3 fig. 33 while driving.

53) For maximum protection, 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! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.

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

55) If the belt has been subjected to a high level of stress, for example after an accident, it must be completely replaced together with the attachments, attachment fixing screws and the pretensioner. In fact, even if the belt has no visible defects, it could have lost its resilience.

SBR (Seat Belt Reminder) SYSTEM

This system comprises an acoustic warning which, in conjunction with the  warning light flashing on the instrument panel, advises the driver if their seat belt has not been fastened.

Contact a dedicated Alfa Romeo Dealership to deactivate this acoustic warning permanently.

The acoustic warning can be reactivated at any time through the Setup menu (see "Menu items" paragraph in "Knowing the instrument panel" chapter).

If the driver side seat belt is not fastened, when 20 km/h is exceeded or when travelling at a speed from 10 to 20 km/h for longer than 5 seconds, an acoustic signal sequence will be started (continuous acoustic signal for the first 6 seconds followed by approximately 90 seconds of intermittent beeping) and the  warning light will flash.

At the end of the cycle, the warning lights stay on with a fixed light until the car is turned off. The acoustic signal is interrupted immediately when the seat belt is fastened.

If the seat belt is unfastened again when driving the car, the acoustic signal and the flashing warning light resume as described previously.

PRE-TENSIONERS

The car is equipped with 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 operated 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.

IMPORTANT To obtain the highest degree of protection from the action of the pretensioning device, wear the seat belt, keeping it close to the chest and pelvis.



Spider

ABC

The pretensioner does not require any maintenance or lubrication: any changes to its original conditions will invalidate its efficiency. If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and/or mud, contact a dedicated Alfa Romeo Dealership to have it replaced.



56) 57)



4)

LOAD LIMITERS

To increase protection, the seat belt retractors contain a device which controls the force acting on the chest and shoulders during the belt restraining action in the event of an accident.



IMPORTANT

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

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



WARNING

4) Operations which lead to knocks, vibrations or localised heating (over 100°C for a maximum of 6 hours) in the area around the pretensioners may cause damage or trigger them. Contact the dedicated Alfa Romeo Dealership if there is the need to operate on those components.

CARRYING CHILDREN SAFELY

Alfa 4C is a sporty car that can be driven in town every day, provided its driver and passengers fasten their seat belts.

Carrying a child on the passenger seat is also allowed, provided the child weighs more than 9 kg and a suitable child restraint system is used.

Children must be suitably restrained inside the vehicle according to their weight. Several children restraint system types are available; always choose the one most suitable for the child: 58)

When over 1.50 m in height, from the point of view of restraint systems, children are considered as adults and have to wear the standard seat belts.

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

Child restraint systems are available from Lineaccessori Alfa Romeo. These products have been designed and tested specifically for Alfa Romeo vehicles.



IMPORTANT

58) The car passenger's seat is not suitable for carrying rear facing child restraint systems (Group 0 and 0+). Therefore, very small children (from 0 to 9 kg) must NOT be carried in this vehicle.

FITTING "UNIVERSAL" CHILD RESTRAINT SYSTEM (with seat belts)

Only Group 1, 2 and 3 child restraint systems, namely forward facing child restraint systems, can be installed on Alfa 4C.

This vehicle is NOT compliant for fitting rear facing child restraint systems on the passenger seat.

GROUP 1

Children of weight from 9 to 18 kg may be carried in forward facing child restraint systems fig. 37. 



37

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GROUP 2

Children from 15 to 36 kg may use the car seat belts directly, fig. 38.

The child restraint system is used only to position the child correctly with respect to the belts so that the diagonal section crosses the child's chest and never the neck, and the horizontal part is snug on the pelvis not the abdomen. 



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ABC

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL CHILD RESTRAINT SYSTEM USE

According to the European Directive 2000/3/EC the suitability of each passenger seat position for the fixing of universal child restraint systems is shown in the following table:

Group	Weight groups	Passenger
Group 1	9-18 kg	L
Group 2	15-25 kg	L
Group 3	22-36 kg	L

L = suitable for special child restraint systems for this type of car.

CHILD RESTRAINT SYSTEMS RECOMMENDED BY ALFA ROMEO FOR YOUR ALFA 4C

Lineaccessori Alfa Romeo has two child restraint systems specific for your Alfa 4C which are fitted facing forward and fixed using the three-point seat belt only.

Weight group	Restraint system	Restraint type	Restraint system installation
Group 1 – from 9 to 18 kg		Britax Romer Duo Plus Type-approval number: E1 04301133 Fiat order code: 71803161	Child restraint system to be fitted forward facing only, using ONLY the car's safety belts. It is recommended not to use the ISOFIX anchorages and the child restraint system top tether as the car is not equipped with ISOFIX anchorages and top tether.
Group 2 – 3 from 15 to 36 kg		Fair Junior Fix Type-approval number: E4 04443721 Fiat order code: 71806570	It must be installed forward facing only, using ONLY the car's seat belt. It is recommended not to use the ISOFIX anchorages as the car is not equipped with ISOFIX anchorages.

Main safety rules to be followed when carrying children

- ❑ follow the instructions supplied with the child restraint system itself, which the manufacturer must provide. Keep the instructions in the car along with the other documents and this handbook.
- Do not use child seats without instructions; always check the seat belt is well fastened by pulling the belt;
- ❑ only one child is to be strapped into each restraint system; never carry two children using one child restraint system; always check that the belts are not resting on the child's neck;
- ❑ while travelling, do not let the child sit incorrectly or release the belts;
- ❑ never carry children on your lap, even newborns. No-one could hold on to a child in the event of an accident; in the event of an accident, replace the child restraint system with a new one. Also have the seat belt to which the child restraint system was attached replaced.

❑ 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. Strictly comply with the instructions provided when fitting a child restraint system.

❑ When the child restraint system is not used, secure it with the seat belt or remove it from the vehicle. Do not leave it unsecured inside the passenger compartment. In this way, in the case of sudden braking or an accident, it will not cause injuries to the occupants.



IMPORTANT

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

FRONT AIRBAGS

DRIVER AND PASSENGER FRONT AIRBAGS

The car features multistage front airbags ("Smart bag system") for driver and passenger.

The front driver/passenger airbags are designed to protect 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 the front airbags in other types of collisions (side collisions, rear shunts, rollovers, etc.) does not indicate a system malfunction.

Airbags are not a replacement of but complementary to the seat belts, which you are recommended to always wear. In the event of impact, those not wearing a seat belt are projected forwards and may come into contact with the bag which is still inflating. The protection offered by the bag is compromised in these circumstances.



60)



Spider

ABC

Front airbags may not activate in the following situations:

- ❑ frontal impacts against highly deformable objects not involving the front surface of the car (e.g. wing collision against guard rail);
- ❑ jamming of the car underneath other vehicles or protective barriers (e.g. underneath a truck or a guard rail); in this case, the bags would offer no additional protection with respect to the seat belt and their deployment would be inappropriate.

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

FRONT AIRBAG DRIVER'S SIDE

This is located in a dedicated compartment in the centre of the steering wheel fig. 39.



39

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PASSENGER SIDE FRONT AIRBAG

This is located in a dedicated compartment in the dashboard fig. 40.



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FRONT PASSENGER SIDE AIRBAG AND CHILD RESTRAINT SYSTEMS

It is **ABSOLUTELY FORBIDDEN** to install on the vehicle a child restraint system backwards the driving direction.

Deployment of the airbag in an accident could cause fatal injuries to the baby.

ALWAYS comply with the instructions on the label stuck on the passenger side sun visor fig. 41.



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IMPORTANT NOTES

The front airbags may activate in the event of sharp impacts to the underbody of the car (e.g. impact with steps, pavements, potholes or road bumps, etc.). When the airbag deploys it emits a small amount of dust: the dust is harmless and does not indicate the beginning of a fire. The dust may irritate the skin and eyes however: in this case, wash with neutral soap and water.

Airbag checking, repair and replacement must be carried out at a dedicated Alfa Romeo Dealership. If the car is scrapped, have the airbag system deactivated at a dedicated Alfa Romeo Dealership. Pretensioners and airbags are deployed according to different logic on the basis of the type of collision. Failure to activate one or more of the devices does not indicate a system malfunction.



63) 64) 65) 66) 67) 68) 69) 70) 71) 72)

Passenger side front airbag and child restraint systems IMPORTANT

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



Spider

ABC

**IMPORTANT**

61) Do not apply stickers or other objects to the steering wheel or the passenger side airbag cover. Do not place objects on the passenger side of the dashboard because these could interfere with the correct opening of the passenger airbag and cause injury to occupants.

62) Always drive keeping your hands on the steering wheel rim so that the airbag can inflate freely if necessary. Do not drive with your body bent forward. Keep your back straight against the backrest.

63) Instructions for deactivating the front passenger airbag can be found in the "Menu Options" paragraph of the "Knowing the instrument panel" chapter. Please note that under these conditions the airbag will NOT deploy when required (accident).

64) Do not rest your head, arms or elbows on the door to prevent injury during airbag deployment.

65) Never lean head, arms or elbows out of window.

66) If the  warning light does not switch on when the key is turned to MAR, or stays on while driving (on some versions, together with a message on the display) there may be a fault in the restraint systems. In this case, airbags or pretensioners may not be activated in the case of an accident or (in a lesser number of cases) they may be activated incorrectly. Before proceeding, contact a dedicated Alfa Romeo Dealership to have the system checked immediately.

67) Do not travel carrying objects on your lap, in front of your chest or between your lips (pipe, pencils, etc.): they could cause severe injury if the airbag is deployed.

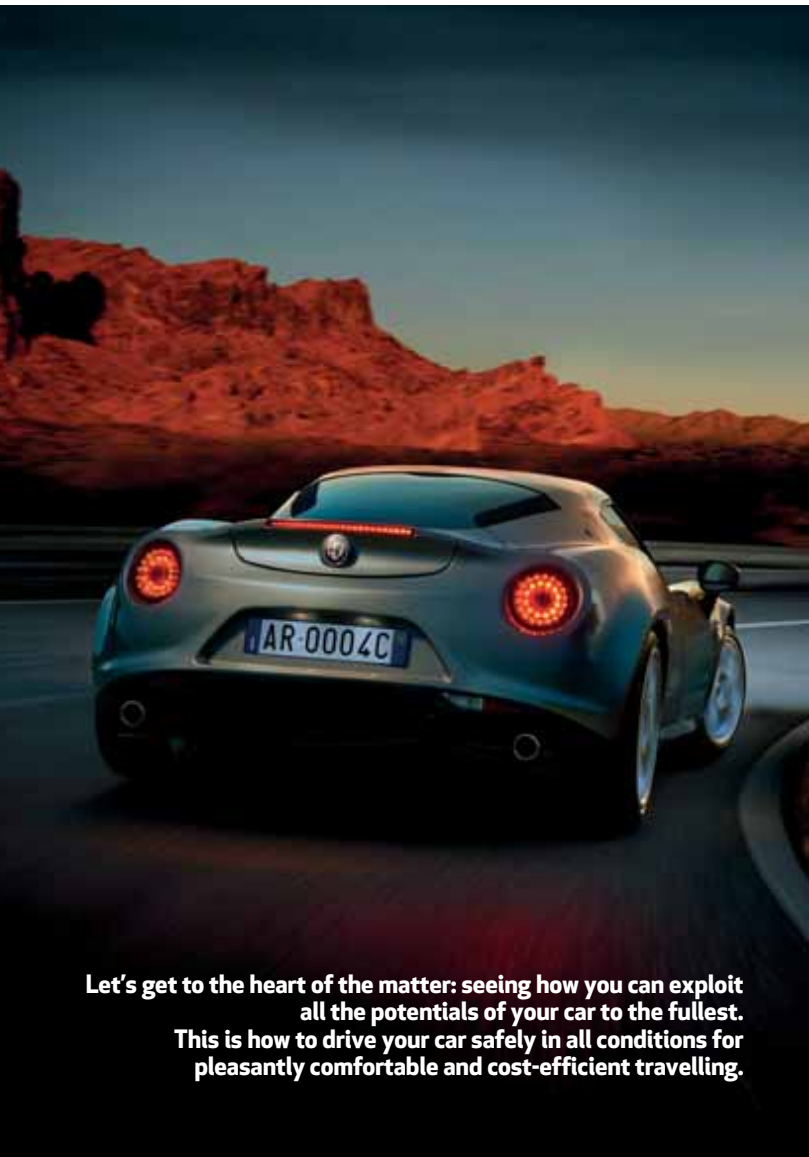
68) If the car has been subject to theft, attempted theft, vandalism, or flooding, have the airbag system inspected at a dedicated Alfa Romeo Dealership.

69) The airbags may also be deployed when the car is not moving, if the key is inserted and turned to MAR even when the engine is off, if the car is hit by another moving vehicle. Also remember that no safety device (airbags or pretensioners) will be deployed in the event of impact when the key is at STOP. Non-deployment of these devices under these circumstances does not therefore indicate a system malfunction.

70) When the ignition key is turned to MAR, the  warning light comes on constantly for the first 4 seconds. Then, if the warning light remains on, this means the passenger's protection has been deactivated; if the warning light switches off, instead, the passenger's protection is enabled.

71) The front airbag is designed to be deployed for impacts of a greater intensity than for the pretensioners. For impacts whose intensity falls between the two levels, normally, only the pretensioners will be activated.

72) The airbag does not replace seat belts but increases their efficiency. Because front airbags are not deployed for low-speed frontal impacts, side collisions, rear shunts or rollovers, occupants are protected only by their seat belts, which must always be fastened.



Let's get to the heart of the matter: seeing how you can exploit
all the potentials of your car to the fullest.
This is how to drive your car safely in all conditions for
pleasantly comfortable and cost-efficient travelling.

STARTING AND DRIVING

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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.

Procedure



The metal insert 1 fig. 2 operates:

- ☐ press the brake pedal;
 - ☐ turn the ignition key to AVV and release it as soon as the engine starts.
- If the engine does not start at the first attempt, return the ignition key to STOP before repeating the starting procedure.
- ☐ If, when the ignition key is at MAR, the instrument panel warning light stays on together with the warning light, turn the key to STOP and then back to MAR; if the warning light stays on, try the other keys provided with the vehicle. If it is still not possible to start the engine, contact a dedicated Alfa Romeo Dealership.
 - ☐ Do not leave the ignition key at MAR when the engine is stopped.

SWITCHING OFF THE ENGINE

Procedure

Turn the ignition key to STOP while the engine is idling.



IMPORTANT

73) It is dangerous to run the engine in enclosed areas. The engine takes in oxygen and releases carbon dioxide, carbon monoxide and other toxic gases.

74) 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.

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



WARNING

5) It is advisable not to demand maximum performance from your car (e.g. excessive acceleration, long distances at maximum rpm, excessively intense braking, etc.) when it is first used.

6) When the engine is switched off never leave the ignition device in the MAR position to prevent useless current absorption from draining the battery.

7) A quick burst on the accelerator before stopping the engine serves no practical purpose; it wastes fuel and is especially damaging to turbocharged engines.

PARKING THE VEHICLE

Always remove the ignition key when leaving the car.

When parking and leaving the car, proceed as follows:

❑ engage the gear (on a slope, engage first gear if the vehicle is facing uphill or reverse if it is facing downhill) and leave the wheels steered;

❑ stop the engine and engage the handbrake.

Block the wheels with a wedge or a stone if the car is parked on a steep slope.

Wait until the indication of the gear engaged disappears on the display before releasing the brake pedal.



76)

IMPORTANT NEVER leave the car with the transmission in neutral.

HANDBRAKE

To engage the handbrake, pull lever 1 fig. 42 upwards until the car is secured.

When the handbrake is engaged and the ignition key is at MAR, the (D) warning light will switch on in the instrument panel.

To release the handbrake, raise the lever 1 slightly, hold down button 2 and lower the lever.

The (D) warning light on the instrument panel turns off.

Four or five clicks are generally enough when the car is on level ground, while ten or eleven may be required if the car is on a steep slope and laden.



77)



42

AOL0066

IMPORTANT Carry out these manoeuvres with the brake pedal pressed.



IMPORTANT

76) Never leave children unattended in the vehicle. Always remove the key from the ignition device when leaving the vehicle and take it with you.

77) The car must be braked after a few clicks of the handbrake: if this is not so, contact the dedicated Alfa Romeo Dealership to have it adjusted. Always park the car safely as indicated by the Highway Code and as described above.



Spider

ABC

TCT TWIN CLUTCH TRANSMISSION

Alfa 4C features the TCT 6-speed twin dry clutch transmission with steering wheel controls. This is an advanced technical solution which combines the control of a manual gearbox, the immediacy of a sequential system and the convenience of being able to select an automatic selection programme without the slowdown of a conventional automatic transmission.

With the key removed from the ignition, the system will not implement any action when the buttons on the transmission control panel on the central tunnel fig. 43 are pressed, irrespective of the pressure applied to the brake pedal.



43

A0L0067

Therefore, the transmission will remain in the condition that it was in when the engine was switched off.

With car stationary and key at MAR (ignition-operated electrical services activated), the screen displays the gear engaged and the active operating mode (automatic = AUTO or manual = no display).

OPERATING MODE

The transmission can operate in two operating modes (except when the "Race" mode is selected):

- the first manual type (MANUAL), in which the driver decides directly when to change gear;
- the second completely automatic (AUTO), in which the system decides when to change gear.

When the "Race" mode is selected, the only allowed operating mode is MANUAL.

Manual operation (MANUAL)

In this operating mode, the driver is responsible for choosing the best gear ratio to engage, depending on the car operating conditions.



44

A0L0146

Use the "+" steering wheel stalk to engage a higher gear, or the "-" stalk to engage a lower gear (see the following paragraph, "Steering wheel stalks"). If the request is accepted by the system, the display shows the new gear engaged. If the request is not accepted by the system, the display shows the gear engaged before the request and emits an acoustic signal.

If the gear change request may adversely affect the correct operation of the engine and the transmission, the system will not allow it.

The system will automatically downshift should the engine reach the idling speed (e.g. during deceleration). Using the DNA system in "Normal" mode, it will automatically upshift if the engine speed requires it.

Automatic operation (AUTO)

To activate/deactivate automatic operation (AUTO) press the A/M button on the transmission control panel fig. 43; activation is signalled by the word AUTO on the display, next to the gear engaged fig. 45.



45

AOL0068

In AUTO mode the system changes gear depending on the car speed, the engine rpm and the intensity with which the accelerator pedal is pressed.

To move the stationary car, 1st gear or reverse (R) must always be engaged (with brake pedal depressed).

"Kick Down" function

The system also has the "Kick Down" function: if necessary (e.g. when overtaking), the system changes down one or more gears when the accelerator pedal is depressed beyond the point where it becomes stiff (and if the rpm allow it) in order to provide suitable power and torque for the acceleration requested by the driver. When implementing the "Kick Down" function, the system ensures varying transmission management in accordance with the selected DNA mode.

SHIFT PADDLES

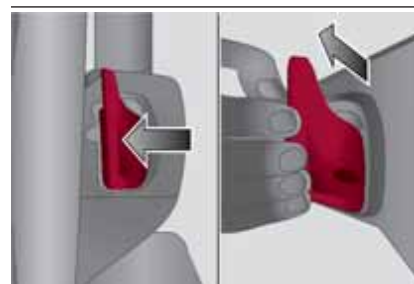
These enable sequential gear shifting fig. 46.



46

AOL0071

- shift paddle "+" (pulling paddle towards driver, see fig. 47): shift up;
- shift paddle "-" (pulling paddle towards driver, see fig. 47): shift down.



47

AOL0072



The shifting up or down is only permitted if the engine revs allow it.

STARTING THE ENGINE

To start the engine press the brake pedal: the system engages neutral (N) automatically.

After the starting procedure, 1st gear (1) or reverse (R) can be engaged.

Irrespective of the mode selected (AUTO/MANUAL), to engage 1st gear or reverse (R), it is necessary to press the brake pedal and press the 1 button on the transmission control panel (or the "+" steering wheel stalk) to engage 1st gear or the R button to engage reverse.

When 1st gear is engaged, the system sets itself to AUTO mode.

Neutral (N) can be engaged again by pressing the N button with the brake pedal pressed.

When the 1, N or R buttons are pressed (or "+" steering wheel stalk is operated) without pressing the brake pedal, no gear change request is implemented by the system.

IMPORTANT Reverse cannot be engaged by pressing the "-" stalk on the steering wheel.

Important notes

To start in presence of a gearbox fault (see "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter), run the "Delayed start-up" procedure:

turn the key to the AVV position for at least 7 seconds with the brake depressed and the engine will start.

The system will remain in "recovery" condition.

If the engine does not start, contact a dedicated Alfa Romeo Dealership.

When the driver's door is opened, the system activates the hydraulic components so that they are prepared for the subsequent engine starting.

MOVING THE CAR

The car can set off both in 1st gear and reverse (R).

The gears can only be engaged by pressing the brake pedal. If the brake pedal is not depressed, the display will show a dedicated message.

It is not possible to set off in a higher gear than 1st: if this is attempted, the display shows a dedicated message.

When setting off on a medium-steep incline, it is advisable to engage the handbrake.

Engaging 1st gear

Proceed as follows:

- ☐ press the brake pedal;
- ☐ press the 1 button on the transmission control panel;
- ☐ release the brake pedal and press the accelerator pedal.

Engaging reverse (R)

Reverse (R) can only be engaged with car stationary and brake pedal pressed.

Proceed as follows:

- ☐ press the brake pedal (car completely stationary);
- ☐ press button R on the gearbox panel;
- ☐ release the brake pedal and press the accelerator pedal.

When reverse is engaged on some versions, the system emits an acoustic signal.

If the brake pedal is not depressed (and the vehicle is stationary), the display will show a dedicated message and the system will automatically engage neutral (N).

IMPORTANT With the car running, the request is accepted and executed if the car speed drops below 3 km/h within 3 seconds from the request: if the request is not executed, the system will maintain the gear engaged or, if the speed of the car drops below 10 km/h, will put the transmission in neutral (N) and the manoeuvre will have to be repeated.

ENGAGING NEUTRAL (N)

With car stationary and ignition key at MAR (irrespective of the condition of the engine), neutral (N) can only be engaged with the brake pedal pressed.

If the car is in motion, neutral (N) can always be engaged, irrespective of the pressure applied to the brake and accelerator pedals.

The display will show the letter N together with the active operating mode.

To engage a speed from the neutral (N) position, press button 1 on the gearbox panel (it is not necessary to press the brake pedal): the gearbox will immediately choose the correct gear according to the vehicle's speed.

With car stationary and ignition key at MAR (irrespective of the condition of the engine), 1st gear can only be engaged with the brake pedal pressed.

LAUNCH CONTROL

The "Launch Control" strategy permits high-performance starting.

This strategy can be activated with vehicle at a standstill, "Race" mode selected and 1st gear engaged.

The sequence of operations to perform is as follows:

- ☐ press the brake pedal and hold it down;
- ☐ press the accelerator pedal and hold it down;
- ☐ press the "-" paddle behind the steering wheel;

The car will start off at maximum acceleration when the brake pedal is released.

Keeping the accelerator pressed, the system will automatically upshift once the best engine speed has been achieved for shifting gears.



To abandon the strategy, simply interrupt the above sequence of operations or release the accelerator pedal.

DISPLAYED INFORMATION

When the key is turned to MAR-ON, after about 1 second, the display shows the transmission in neutral indication (N). When driving, the display shows the gear engaged and the active mode (AUTO or MANUAL). The indications on the display have the following meanings:

- N = neutral;
1 = first gear;
2 = second gear
3 = third gear;
4 = fourth gear;
5 = fifth gear;
6 = sixth gear;
R = reverse.



Spider

ABC

The car always starts in neutral. When 1st gear is requested, the system forces the selection of AUTO mode.

IMPORTANT If 10 seconds elapse with the ignition key in the MAR position and the display does not show the gear engaged, turn the key to the STOP position, wait for the display to go out and then repeat the manoeuvre.

If the fault persists, contact a dedicated Alfa Romeo Dealership.

ACOUSTIC SIGNAL

For safety reasons, there is a buzzer warning when parking the car with the gearbox in neutral (N) (the warning is heard when the ignition key is turned to the STOP position).

With the vehicle stationary, the engine started and (1st) or (R) engaged, the system activates the buzzer and automatically put the gearbox in neutral (N) when:

- ❑ the accelerator and/or the brake pedal are not operated for at least 3 minutes;
- ❑ the brake pedal is pressed for longer than 10 minutes;

- ❑ the driver's door is opened and the accelerator pedal or the brake pedal are not operated for at least 1.5 seconds;
- ❑ a fault is detected in the gearbox.

PARKING THE CAR

When parking and leaving the car, proceed as follows:

- ❑ engage the gear (on a slope, engage first gear if the vehicle is facing uphill or reverse if it is facing downhill) and leave the wheels steered;
- ❑ stop the engine and engage the handbrake.

Block the wheels with a wedge or a stone if the car is parked on a steep slope.

Wait until the indication of the gear engaged disappears on the display before releasing the brake pedal.

IMPORTANT: NEVER leave the car with the transmission in neutral.

IMPORTANT NOTES

- ❑ 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 gearbox in neutral (N).

- ❑ In order to safeguard the efficiency of the clutch, do not use the accelerator to keep the car stationary (e.g. when stopped on an incline). Clutch overheating could damage it:

use the brake pedal instead or the handbrake and only press the accelerator pedal when you wish to set off.

- ❑ If, with reverse gear (R) engaged, you have to engage 1st gear or vice versa, only do this when the car is completely stationary and with the brake pedal pressed.

- ❑ Although it is strongly discouraged, if you are going downhill and for unknown reasons you let the car move forward with the gearbox in neutral (N), when there is a request to engage a gear the system will automatically engage the best gear in relation to the speed of the actual to allow the correct transmission of the drive torque to the wheels;

- ❑ When necessary, with the engine switched off, it is possible to engage the 1st speed, reverse (R) or neutral (N) with key in MAR position and brake pressed. In this case, gear shifts must be made allowing at least 5 minutes to elapse between one gear shift and the next to safeguard the operation of the hydraulic system and the pump in particular.
- ❑ For uphill departures, it is advisable to accelerate gradually but fully immediately after releasing the handbrake or the brake pedal; this allows the engine to temporarily increase the number of revs and tackle the steepest gradients with more torque at the wheels.



IMPORTANT

78) *The Launch control function is only available in Race mode. Regardless of what is explicitly indicated in the description of these modes, the ESC and ASR systems are deactivated during operation of the Launch Control function. This means that vehicle dynamic control is the sole responsibility of the driver. Therefore pay the utmost attention when using the Launch Control. Take into account traffic and road surface conditions and during manoeuvres make sure there is enough room in the area concerned.*

CRUISE CONTROL

(where provided)

This is an electronically controlled driving assistance device that allows the desired vehicle 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 it in town.

ACTIVATING THE DEVICE

Turn ring 1 fig. 48 to .



48

A0L0022



Spider

ABC

The cruise control cannot be engaged in 1st or reverse gear: it is advisable to engage it in 5th gear or higher.

When travelling downhill with the device engaged, the car may slightly exceed the stored speed.

When the device is activated, the  digital warning light switches on together with the relevant message on the display.

SETTING THE DESIRED SPEED

Proceed as follows:

- ❑ turn ring nut 1 fig. 48 to  and press the accelerator to reach the desired speed;
- ❑ move the stalk upwards (+) for at least 1 second, then release it: the car speed is now stored and you can therefore release the accelerator.

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.

RESTORING THE STORED SPEED

If the device has been deactivated, for example by pressing the brake pedal, the stored speed can be restored as follows:

- ❑ accelerate gradually until a speed approaching the one stored is reached;
- ❑ engage the gear selected at the time of speed memorising;
- ❑ press the CANCEL/RESUME button (2 fig. 48).

INCREASING THE STORED SPEED

This can be done in two ways:

- ❑ by pressing the accelerator and then storing the new speed reached;
- or
- ❑ by moving the stalk upwards (+) until the new speed, which will be stored automatically, is reached.

Each operation of the stalk will correspond to a slight increase in speed (about 1 km/h), while keeping the stalk upwards will correspond to a continuous speed increase.

REDUCING THE STORED SPEED

This can be done in two ways:

- ❑ by deactivating the device and then storing the new speed
- or
- ❑ by moving the stalk downwards (–) until the new speed, which will be stored automatically, is reached.

Each movement of the stalk will correspond to a slight reduction in speed of about 1 km/h, while keeping the stalk held downwards will decrease the speed continuously.

DEACTIVATING THE DEVICE

The device can be switched off in the following ways:

- ❑ by turning the ring nut 1 fig. 48 to ;
- ❑ by turning the engine off;
- ❑ by pressing the CANCEL/RESUME button;
- ❑ by pressing the brake pedal or the accelerator; in this last case the system is not completely deactivated but gives priority to the acceleration request.

The device still remains active, without the need to press the CANCEL/RESUME button to return to the previous condition once acceleration is concluded.



78) 79)

Automatic deactivation

The device is automatically switched off in the following cases:

- ❑ if the ABS or ESC systems intervene;
- ❑ with vehicle speed under the established limit; in case of fault to the system.



IMPORTANT

79) When driving with device active, do not press the "N" button on the transmission control panel.

80) If operation of the device is faulty or in the case of failure, turn ring nut 1 fig. 48 to  and contact a dedicated Alfa Romeo Dealership.

PARKING SENSORS

(where provided)



They are located in the rear bumper fig. 49 and their function is to detect the presence of any obstacles near the rear part of the car; they consequently inform the driver, through an intermittent acoustic signal.



49

AOL0043

ACTIVATION

The sensors are automatically activated when reverse gear is engaged. As the obstacle behind the vehicle gets closer, the acoustic signal becomes more frequent.

BUZZER

When reverse gear is engaged and there is an obstacle behind the vehicle, an acoustic signal is emitted which varies according to the distance of the bumper from the obstacle.

The frequency of the acoustic signal:

- ❑ increases as the distance between car and obstacle decreases, culminating in a continuous acoustic signal, when the distance is less than approximately 30 cm;
- ❑ decreases if the distance from the obstacle increases, until the signal ceases entirely;
- ❑ is constant if the distance between the vehicle and the obstacle is unchanged;
- ❑ if this situation concerns the side 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.



Spider

ABC

INDICATIONS ON DISPLAY

(where provided)

When the sensors are activated, the screen in fig. 50 appears on the display.



Obstacle presence and distance information is therefore provided both by the acoustic signal and the instrument panel display.

If there are more obstacles the closest one in the vicinity is reported.

IMPORTANT NOTES

During parking manoeuvres, pay the utmost attention to any obstacles that could be located above or below the sensors.

Under certain circumstances, objects close to the vehicle are not detected by the system and could therefore cause damage to the car or be damaged themselves.

The following conditions may influence the performance of the parking sensors:

- ☐ the presence of ice, snow, mud or thick paint on the sensor surface may cause reduced sensitivity of the sensor itself and therefore reduce the system performance;
- ☐ the sensor may detect a non-existent obstacle ("echo interference") due to mechanical interference, for example when washing the vehicle, 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 variation in sensor position, caused by variation in ride (due to suspension component wear), changing tyres, overloaded car, or tuning that lowers the car, for example, may affect parking sensor system performance.

**IMPORTANT**

81) The responsibility for parking and other dangerous manoeuvres always and in every case lies with the driver. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The parking sensors are used to assist the driver, who must never allow his attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.



WARNING

8) The sensor 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 must be washed using clean water, with the addition of vehicle shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away. Also, do not apply stickers to the sensors.

REFUELLING THE CAR

The car features the "Fast Fuel" system, which prevents refuelling with incorrect fuels (e.g. diesel for a petrol engine). Stop the engine before refuelling. Only refuel with unleaded petrol with octane rating (RON) not less than 95, in compliance with the European specification EN228. In particular, the engine of Alfa 4C has been designed to comply with all emission limits while simultaneously guaranteeing minimal consumption and maximum performance, using premium-quality unleaded petrol with octane rating (RON) 98 or higher. 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.

IMPORTANT An inefficient catalytic converter leads to harmful exhaust emissions, thus contributing to air pollution.

FILLING THE TANK

To ensure that you fill the tank completely, top up twice after the first click of the fuel supply gun. Further top-ups could cause faults in the fuel feeding system.

REFUELLING PROCEDURE

The car features a "Fast Fuel" device, integrated with the opening for the fuel tank: it opens and recloses automatically when the fuel supply gun is inserted/removed.

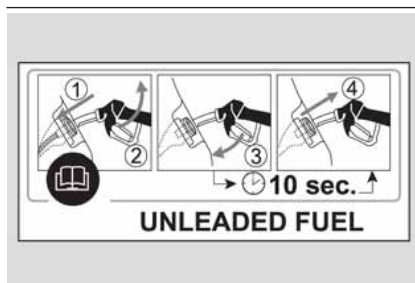
The "Fast Fuel" device is provided with an inhibitor which prevents refuelling with incorrect fuel.

The refuelling procedure described below is illustrated on the label fig. 51 located inside the fuel flap. The label also indicates the fuel type (UNLEADED FUEL=petrol).



Spider

ABC



51

AOL0045

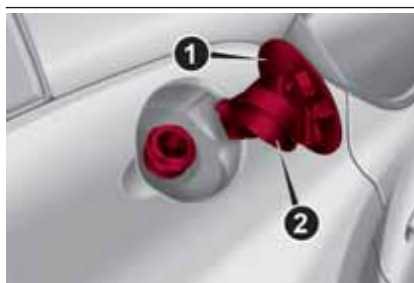
Procedure

- ❑ open flap 1 fig. 52, pulling it outwards;
- ❑ introduce the dispenser in the filler and refuel;
- ❑ after refuelling, before removing the dispenser, wait for at least 10 seconds in order for the fuel to flow inside the tank;
- ❑ then remove the dispenser from the filler and close flap 1.

The flap is provided with a dust boot 2 which prevents the introduction of dirt and dust into the end of the filling when the flap is closed.



82) 83) 84)



52

AOL0046

Emergency refuelling

If there is no fuel in the vehicle or the supply circuit is completely empty, proceed as follows to reintroduce fuel to the tank:

- ❑ take the dedicated funnel fig. 53 from the tool kit located in the boot;
- ❑ open the flap 1 fig. 52 by pulling it outwards;
- ❑ insert funnel C in the filler as illustrated in fig. 53 and refuel;
- ❑ after refuelling, remove the funnel and close the flap;
- ❑ finally, put the funnel back in its case and put this back in the boot.

IMPORTANT If the filler compartment is washed with a high pressure jet, keep it at a distance of at least 20 cm.



53

AOL0151



IMPORTANT

82) Do not apply any object/cap to the end of the filler which is not provided for the vehicle. The use of non-compliant objects/caps could cause a pressure increase inside the tank, resulting in dangerous situations.

83) Do not bring naked flames or lit cigarettes near to the fuel tank opening: risk of fire. Keep your face away from the fuel filler to prevent breathing in harmful vapours.

84) Do not use a mobile phone near the refuelling pump: risk of fire.



A punctured tyre or a burnt-out bulb?
At times, a problem may interfere with our journey.
The pages on emergencies can help you to deal with critical
situations independently and with calm.
In an emergency we recommend you call the freephone number
found in the Warranty Booklet. It is also possible
to call the national or international
universal freephone number to search
for the nearest dedicated Alfa Romeo Dealership.

IN AN EMERGENCY

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HAZARD WARNING LIGHTS

OPERATION

Press switch 1 fig. 54 to turn the lights on/off.



54

A0L0023

Warning lights ⇐ and ⇨ on the panel are lit up when the hazard warning lights are on.



85)



IMPORTANT

85) The use of hazard warning lights is governed by the Highway Code of the country you are driving in: comply with legal requirements.

REPLACING A BULB



86) 87) 88)



9)

GENERAL INSTRUCTIONS

- ☐ Check that the corresponding contacts are not oxidised and that the corresponding fuse is intact before changing the bulb. For the location of fuses, refer to the paragraph "If a fuse blows" in this chapter.
- ☐ replace blown bulbs with others of the same type and power;
- ☐ after replacing a headlight bulb, always check its alignment.

IMPORTANT When the weather is cold or damp or after heavy rain or after 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 a fault and does not compromise the normal operation of lighting devices. The mist disappears quickly turning the lights on, starting from the centre of the diffuser, extending progressively towards the edges.



IMPORTANT

86) Modifications or repairs to the electric system that are not carried out properly or do not take the system technical specifications into account can cause malfunctions leading to the risk of fire.

87) Halogen bulbs contain pressurised gas, in the case of breakage they may burst causing glass fragments to be projected outwards.

88) Due to the high supply voltage, gas discharge bulbs (Bi-Xenon) should only be replaced by specialised personnel: danger of death! Contact a dedicated Alfa Romeo Dealership.



WARNING

9) Halogen bulbs must be handled by holding the metallic part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even reduce the lifespan of the bulb. In the event of accidental contact, wipe the bulb with a cloth moistened with alcohol and let the bulb dry.

Bulbs	Type	Power
Front side lights/Daytime running lights (DRL)	LED	-
Rear position	LED	-
Dipped beam headlights / Main beam headlights (versions with Bi-Halogen headlights) (where provided)	H7	55W
Dipped beam headlights / Main beam headlights (versions with Bi-Xenon headlights) (where provided)	D1S	35W
Dipped beam headlights / Main beam headlights (versions with LED headlights) (where provided)	LED	-
Front direction indicators	PY21W	21W
Rear direction indicators	PY21W	21W
Side direction indicators	WY5W	5W
Brake	LED	-
3rd brake	LED	-
Number plate	W5W	5W
Rear fog light	W16W	16W
Reversing light	W16W	16W
Ceiling light	C10W	10W
Boot ceiling light	W5W	5W



Spider

ABC

REPLACING AN EXTERIOR BULB

FRONT LIGHT CLUSTERS

These contain the bulbs for the side lights/daytime running lights (DRL), dipped beam headlights, main beam headlights and direction indicators. The bulbs are arranged as follows in fig. 55:



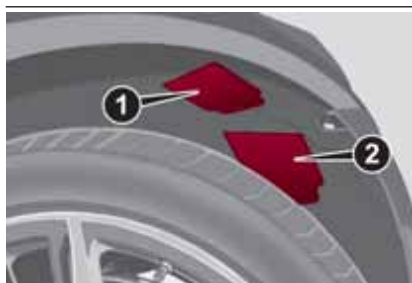
55

AOL0091

- 1 Side lights/daytime running lights
- 2 Dipped/main beam headlights
- 3 Direction indicators.

To replace the bulbs for the dipped and main beam headlights and for the direction indicators open the corresponding protective flaps on the inner wheel arch fig. 56 that can be located by steering the wheel completely.

- 1 direction indicator bulb protective flap
- 2 dipped/main beam headlight bulb protective flap.



56

AOL0092

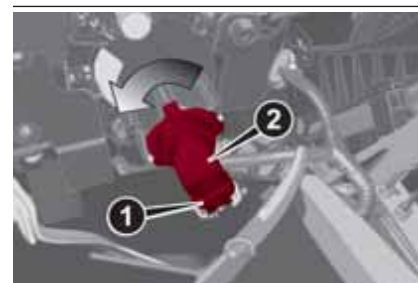
SIDE LIGHTS/DAYTIME RUNNING LIGHTS (DRL)

These are LEDs. For the replacement, contact the dedicated Alfa Romeo Dealership.

DIPPED/MAIN BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

- ☐ steer the wheel completely;
- ☐ open the protective flap 2 fig. 56 by rotating the fixing screw;
- ☐ take out the electric connector 1 fig. 57 and then rotate the bulb holder 2 clockwise and remove it;



57

AOL0093

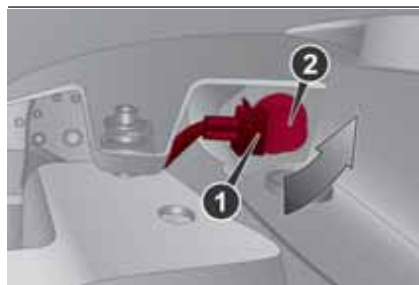
- ☐ remove the bulb and replace it;
- ☐ refit the new bulb, making sure that it is locked correctly, and reconnect the connector 1;
- ☐ close the protective flap 2 fig. 56.

DIRECTION INDICATORS

Front

To replace the bulb, proceed as follows:

- ❑ steer the wheel completely;
- ❑ open the protective flap 1 fig. 56 by rotating the fixing screw;
- ❑ take out the electric connector 1 fig. 58 and then rotate the bulb holder 2 clockwise and remove it;



58

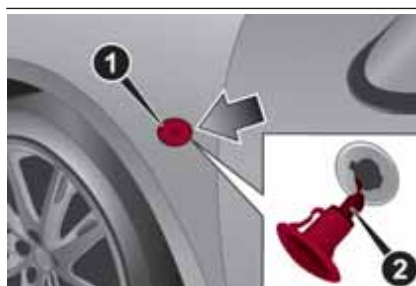
AOL0094

- ❑ remove the bulb and replace it;
- ❑ refit the new bulb, making sure that it is locked correctly, and reconnect the connector 1;
- ❑ close the protective flap 1 fig. 56.

Side

To replace the bulb, proceed as follows:

- ❑ operate the lens 1 fig. 59 in the point shown to press in the internal clip,
- ❑ then pull the unit outwards; turn the bulb holder 2 anticlockwise, remove the bulb and replace it;
- ❑ refit the bulb holder 2 in the lens and turn it clockwise;
- ❑ refit the cluster making sure that the internal clip clicks into position.



59

AOL0095

REAR LIGHT CLUSTERS

Contain the bulbs for the direction indicators, side lights and brake lights.

DIRECTION INDICATORS

To change the bulb, proceed as follows:

- ❑ remove the protective cap 1 fig. 60 (one on each side) located on the side boot lining;



60

AOL0096



Spider

ABC

insert a hand in the hole and remove the second protective rubber plug 2 fig. 61;

rotate the bulb holder and extract it; proceed by replacing the bulb by pressing it and rotating it anticlockwise;
☐ restore the protective caps which were previously removed.



61

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SIDE LIGHTS/BRAKE LIGHTS

These are LEDs. For the replacement, contact the dedicated Alfa Romeo Dealership.

REAR FOG LIGHT/REVERSING LIGHT



To replace the front fog light bulbs 1 fig. 62 or reversing light 2 proceed as follows:

☐ rotate the bulb holder 3 fig. 63 anticlockwise, extract the bulb and replace it.



63

A0L0126

THIRD BRAKE LIGHTS

These are LEDs. For the replacement, contact the dedicated Alfa Romeo Dealership.

NUMBER PLATE LIGHTS

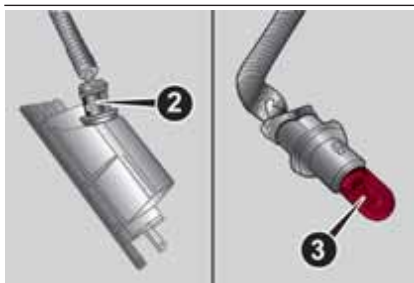
To change the bulbs, proceed as follows:

- press the side of the lens (as shown in fig. 64) to press the retaining clip and then remove the number plate light cluster 1;



64

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65

AOL0099

- rotate the bulb holder 2 fig. 65 anticlockwise, extract the bulb 3 and replace it.



IMPORTANT

89) The rear fog light and the reversing light are located close to the exhaust pipes; take the utmost care not to get burnt during the bulb replacement.

REPLACING FUSES

GENERAL INFORMATION



Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper action on the system.

⚠ 90) 91) 92) 93) 94) ⚠ 10)

FUSE BOXES

The fuses are grouped in two fuse boxes located in the engine and passenger compartments.

Engine compartment junction box

This is located by the side of the battery fig. 66: to access the fuses undo the screws 1 and remove the cover 2.



66

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Spider

ABC

The number identifying the electrical component corresponding to each fuse is shown on the back of the cover. After replacing the fuse, make sure you close cover 2 on the fuse box.



11)



67

AOL0104

Dashboard fuse box

This is located under the dashboard in the area in front of the passenger seat. To access the fuse box fig. 69 remove the protective panel, following the procedure described below:

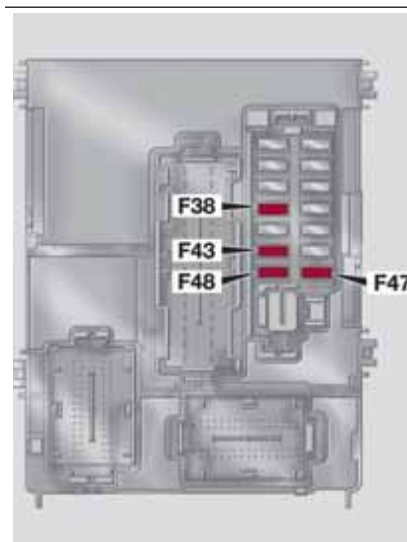
- undo the four screws 1 fig. 68;



68

AOL0105

- to locate the fifth fastening screw, remove the block 2 and remove the plastic cover 3;
- at this point undo the fifth screw 4 and remove the protective panel to locate the fuse box.



69

AOL0106

Dashboard fuse box fig. 114

Protected device	Fuse	Ampere
Headlight beam changeover switch (where provided)	F09	5
One-tone horn	F10	10
12V socket / cigar lighter	F86	15
Door mirror defrosters	F88	7.5

Engine compartment fuse box, fig. 116

Protected device	Fuse	Ampere
Central locking	F38	15
Two-way windscreen washer pump	F43	20
+30 Driver side electric windows	F47	20
+30 Passenger side electric windows	F48	20



IMPORTANT

- 90)** If a fuse blows again, contact a dedicated Alfa Romeo Dealership.
- 91)** Never replace a fuse with another with a higher amp rating; RISK OF FIRE.
- 92)** If a general protective fuse (MAXI-FUSE, MEGA-FUSE, MIDI-FUSE) blows, contact a dedicated Alfa Romeo Dealership.
- 93)** Before replacing a fuse, make sure the ignition key has been removed and that all the other services are switched off and/or disengaged.
- 94)** Contact a dedicated Alfa Romeo Dealership if a safety system (airbags, brakes), transmission system (engine, gearbox) or steering system general protection fuse blows.



WARNING

- 10)** Never replace a blown fuse with metal wires or other material.
- 11)** If you need to wash the engine compartment, take care not to aim the jet of water directly at the fuse box.



Spider

ABC

CHANGING A WHEEL

GENERAL INSTRUCTIONS

For some specific markets, the car may be equipped with a space-saver spare wheel: see the instructions on the following pages for changing the tyre.



JACK

Please note that:

- ☐ the weight of the jack is approximately 1.7 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 operating rod may be fitted on the jack.

Jack maintenance

- ☐ prevent any dirt from depositing on the "worm screw";
- ☐ keep the "worm screw" lubricated.
- ☐ never modify the jack.

Conditions in which not to use the jack

- ☐ temperatures lower than -40°C ;
- ☐ on a sandy or muddy ground;
- ☐ on uneven ground;
- ☐ on a road with steep gradient;
- ☐ in extreme weather conditions: thunderstorms, typhoons, hurricanes, blizzards, storms, etc.
- ☐ in direct contact with the engine or for working underneath the car;
- ☐ on boats.

To change a wheel, proceed as follows:

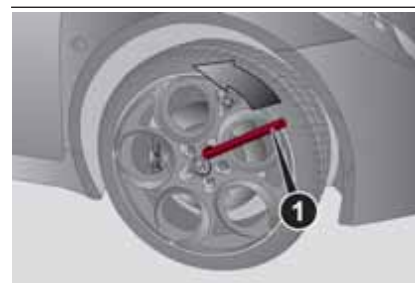
- ☐ stop the car in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground must be flat and sufficiently compact;
- ☐ switch off the engine, pull up the handbrake and engage the 1st gear or reverse. Wear the reflective safety jacket (compulsory by law) before getting out of the vehicle;
- ☐ take the space-saver wheel;
- ☐ access the luggage compartment and take the wheel replacement kit fig. 69;



69

A0L0182

- ☐ take the spanner 1 fig. 70 from the kit and loosen the fixing stud bolts by about one turn. swing the car laterally to make it easier to separate the rim from the wheel hub;



70

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- ☐ position the jack under the car near the wheel to be replaced, near the ▽ references on the side skirts;

- insert the operating rod 3 fig. 72 in the housing on the device 1 fig. 71;



71

AOL0184



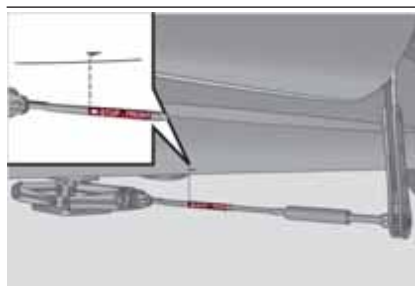
72

AOL0186

- push the jack under the car using the rod until the wording "STOP" on the rod corresponds with the side skirt: "FRONT" when replacing the front wheel, "REAR" when replacing the rear wheel (see fig. 73, 74);

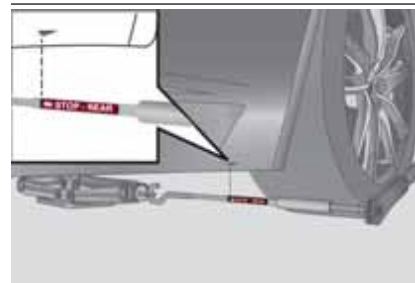
- fit the suitable tool 4 in Fig. 72 on the operating rod;

IMPORTANT As shown in fig. 73,74, on the operating rod there is the indication of max. limit for front and rear insertion under car that must coincide with the ▽ mark on the side skirts.



73

AOL0189



74

AOL0190

- operate the device 1 fig. 71 so as to extend the jack, until the upper part 2 Fig. 71 rests correctly in one of the lifting points shown in fig. 75- fig. 76, otherwise, reposition the jack.



75

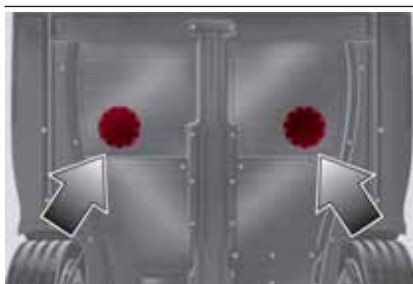
AOL0185



Spider

ABC

IMPORTANT Make sure that the upper part 2 of the jack rests firmly on the undercarriage of the car in the points shown in fig. 75, 76 to prevent the car from falling while it is being jacked up.



76

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- ☐ operate the jack and lift the car until the wheel is several centimetres off the ground;
- ☐ 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;
- ☐ remove the damaged wheel;

- ☐ make sure the contact surfaces between space-saver wheel and hub are clean and free from impurities so that the fixing stud bolts will not come loose;
- ☐ fit the space-saver wheel and tighten the first stud bolt for a few turns into the lowest hole. Tighten the remaining stud bolts in the same way.
- ☐ take the spanner 1 fig. 70 and fully tighten the fixing stud bolts;
- ☐ operate the suitable tool 4 fig. 72 to lower the car.

Then extract the jack;

- ☐ using spanner 1 fig. 70 tighten the stud bolts fully, alternating from a stud bolt to the diametrically opposite one,
- ☐ in the numeric order shown in fig. 77.

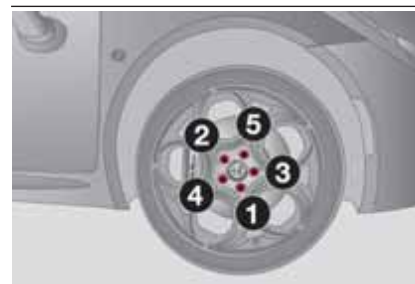
WARNING While replacing the wheel it is advisable to place it upside down, with the aesthetic part facing upward, so as not to damage the alloy rim.

REFITTING THE WHEEL

Following the procedure described previously, raise the vehicle and remove the space-saver wheel.

Proceed as follows:

- ☐ make sure the contact surfaces between standard wheel and hub are clean and free from impurities so that the fixing stud bolts will not come loose;
- ☐ using the spanner 1 fig. 70 and tighten the fixing stud bolts;
- ☐ lower the vehicle and remove the jack;
- ☐ use spanner 1 to fully tighten the stud bolts, following the order shown in 77.



77

AOL0187

At the end of the operation

Proceed as follows:

- ❑ reposition the space-saver wheel;
- ❑ place the jack and the other tools in the container;
- ❑ arrange the container and tools in the luggage compartment.



IMPORTANT

95) The space-saver wheel (where provided) is specific to your vehicle: do not use it on other models, or use the space-saver wheel of other models on your vehicle. 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. On the space-saver wheel there is an orange label, summarising the main warnings regarding space-saver wheel usage restrictions. Never remove or cover the label. The label contains the following indications in four languages: "Warning! For temporary use only! 80 km/h max.! Replace by standard wheel as soon as possible. Never cover this indication".

96) Use your hazard lights, warning triangle, etc. to show that your car is stationary in compliance with regulations. Passengers should get out of the car, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. On hills or uneven roads, use chocks or appropriate objects to block the wheels of the vehicle.

97) The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering. The overall duration of the space-saver wheel is about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a standard tyre on a rim that is designed for use with a space-saver wheel. Have the wheel 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 stud bolts before fitting them: they might slip out when driving!

98) The jack is a tool developed and designed only for changing a wheel, if a tyre gets punctured or damaged, on the vehicle with which it is supplied or on other vehicles 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 maintenance or repairs under the vehicle or to change summer/winter wheels and vice versa. Never position yourself under a jacked vehicle. If any work under the vehicle is necessary, contact the Alfa Romeo Service Network. Incorrectly positioning the jack may cause the vehicle to fall: 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 vehicle raised. If the vehicle is raised more than necessary, everything can become more unstable, with the risk of the vehicle dropping violently. Thus, lift the vehicle only as needed in order to access the spare tyre.

99) The space-saver wheel cannot be fitted with snow chains.



Spider

ABC

100) When turning the jack handle make sure that it can turn freely without scraping your hand against the ground. The moving components of the jack ("worm screw" and joints) can also cause injuries: avoid touching them. If you come into contact with lubricating grease, clean yourself thoroughly.
101) Contact a dedicated Alfa Romeo Dealership as soon as possible to have the correct tightening of the wheel stud bolts checked.

"AUTOMATIC FIX&GO AUTOMATIC" KIT

GENERAL INSTRUCTIONS

The car is equipped with a quick tyre repair device called the "Fix&Go Automatic" kit.



To use it, follow the instructions below.



It is located in the luggage compartment.

The kit includes:

- ☐ bottle 3 fig. 78 containing sealant and fitted with: filling tube 4 and adhesive label 2 with the wording "Max. 80 km/h" to be placed in a clearly visible position (e.g. on the dashboard) after repairing the tyre;
- ☐ compressor 1 complete with pressure gauge and connectors;
- ☐ an information leaflet fig. 79, providing instructions for using the kit correctly. This booklet should be given to the persons charged with handling the tyre treated with this kit;



78

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- ☐ a pair of gloves located in the side compartment of the compressor;
- ☐ adapters for inflating different elements.



79

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IMPORTANT The sealing fluid is effective with external temperatures of between -20°C and +50°C. The sealing fluid has an expiry date.

INFLATION PROCEDURE

Proceed as follows:



107)

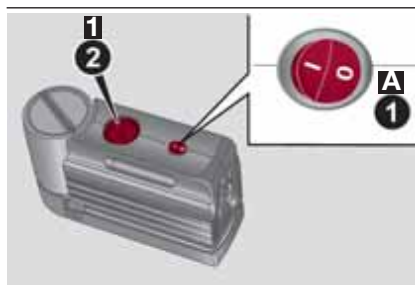
- engage the handbrake, unscrew the tyre valve cap, take out filler hose 1 fig. 80 and tighten ring nut 2 on the tyre valve;



80

AOL0078

- make sure that switch 1 fig. 81 for the compressor is in position 0 (off), start the engine, insert the plug into the cigar lighter socket on the central tunnel (see fig. 82) and switch on the compressor by bringing switch 1 fig. 81 to I (on);



81

AOL0079



82

AOL0080

- inflate the tyre to the pressure indicated in the "Wheels" paragraph in the "Technical data" chapter. In order to obtain a precise reading, check the pressure on pressure gauge 1 fig. 81 with the compressor off;
- if after 5 minutes it is impossible to reach at least 1.8 bar,
- disconnect the compressor from the valve and power socket, then move the car forwards approximately 10 metres in order to distribute the sealant inside the tyre evenly, then repeat the inflation operation;
- if you still cannot obtain a pressure of at least 1.8 bar within 5 minutes from the compressor switching on, do not drive off and contact a dedicated Alfa Romeo Dealership;
- after driving for about 10 minutes stop and check the tyre pressure again; remember to engage the handbrake;
- if a pressure value of at least 1.8 bar is detected, restore the correct pressure (with the engine running and the handbrake engaged), resume driving and drive with great care to a dedicated Alfa Romeo Dealership.



108) 109) 110)



Spider

ABC

CHECKING AND RESTORING TYRE PRESSURE

The compressor can also be used to check and, if necessary, restore the tyre pressure. Release quick connector 1 fig. 83 and connect it directly to the valve of the tyre to be inflated.



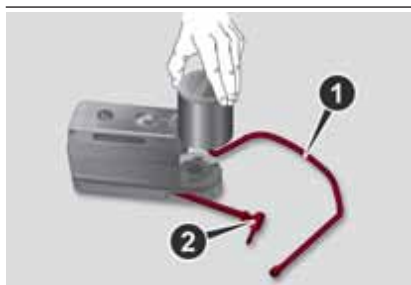
83

A0L0081

REPLACING THE BOTTLE

Proceed as follows:

- ☐ release connector 1 fig. 84 and disconnect tube 2;
- ☐ turn the bottle anticlockwise to replace and raise it;
- ☐ fit the new cylinder and turn it clockwise;
- ☐ insert connector 1 and tube 2 in position.



84

A0L0082



IMPORTANT

102) Indicate the presence of the stationary car in accordance with current regulations: hazard warning lights, warning triangle, etc. Those on board should get out of the vehicle and wait for the wheel to be repaired away from the threat posed by the traffic. If parked on a slope or rough surface, chock the wheels with wedges or other suitable devices (for the correct procedure for parking the car safely, refer to the "Parking" paragraph in the "Starting and driving" chapter).

103) A repair is not possible if the wheel rim is damaged (groove is deformed, causing air to escape). Do not remove foreign bodies (screws or nails) from the tyre.

104) Give the booklet to the technicians who will be handling the tyre that was treated using the "Fix&Go Automatic" kit.

105) Do not operate the compressor for longer than 20 consecutive minutes. Risk of overheating. The kit is not suitable for definitive repairs, so the repaired tyres may only be used temporarily.

106) As required by current regulations, the information on chemical substances for the protection of human health and the environment and on the safe use of the sealing fluid are on the packaging label. Compliance with the indications on the label is an essential condition to ensure the safety and the effectiveness of the product. Remember to carefully read the label before use; the user of the product is responsible for any damages caused by improper use. The sealing fluid has an expiry date. Replace the bottle if the sealant has expired.

107) Wear the protective gloves provided with the kit.

108) Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the quick repair kit. Drive carefully, especially on corners. Do not exceed 80 km/h. Avoid sudden acceleration or braking.

109) If the pressure has fallen below 1.8 bar, do not drive any further: the Fix&Go Automatic quick tyre repair kit cannot guarantee proper hold because the tyre is too damaged. Contact a dedicated Alfa Romeo Dealership.

110) Always indicate that the tyre was repaired using the quick tyre repair kit. Give the leaflet to the personnel charged with handling the tyre treated with the tyre repair kit.



WARNING

12) Punctures caused by foreign bodies can be repaired if the damage does not exceed 4 mm on the tread and on the shoulder of the tyre. Do not use the repair kit if the tyre was damaged as a result of being used when underinflated.



WARNING

3) Dispose of the bottle and the sealant properly. Have them disposed of in compliance with national and local regulations.

JUMP STARTING

STARTING THE ENGINE

Contact the dedicated Alfa Romeo Dealership immediately if the  warning light stays on constantly on the instrument panel.

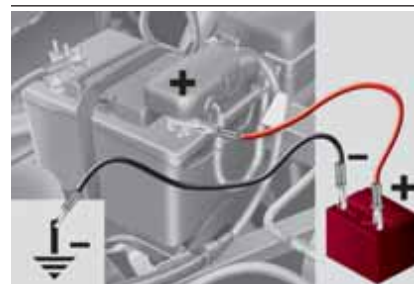
JUMP STARTING

If the battery is flat, start the engine using an auxiliary battery with the same capacity or a little higher than the flat one.

 111)  13)

Proceed as follows to start the vehicle:

☐ connect the positive terminals (+ sign near the terminal) of the two batteries with a jump lead fig. 85;



85

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Spider

ABC

- ❑ with a second cable, connect the negative terminal (-) of the auxiliary battery to an earthing point ↓ on the engine or the transmission of the car to be started;
- ❑ start the engine; when the engine has started, remove the leads, reversing the order above.

If after a few attempts the engine does not start, do not persist but contact a dedicated Alfa Romeo Dealership.

IMPORTANT Do not connect the negative terminals of the two batteries directly! If the auxiliary battery is installed on another car, check that there is no accidental contact between metallic parts of the two cars.

BUMP STARTING

Never, under any circumstances, jump start the engine by pushing, towing or coasting downhill.



IMPORTANT

111) *This procedure must be performed by qualified personnel as incorrect actions may cause high-intensity electrical discharge. Furthermore, battery fluid is poisonous and corrosive: avoid contact with skin and eyes. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.*



WARNING

13) *Never use a fast battery charger to start the engine as this could damage the electronic systems and the ignition and engine supply control units.*

FUEL CUT-OFF SYSTEM

OPERATION

This intervenes in the case of an impact causing:

- ❑ the fuel supply cut-off with the engine consequently switching off;
- ❑ automatic door lock release; activation of all lights inside the car;
- ❑ the switching on of the hazard warning lights.

The digital ⚠ warning light and the dedicated message on the display indicate the intervention of the system.

Carefully check the vehicle for fuel leaks, for instance in the engine compartment, under the vehicle or near the tank area.



112)

After a collision, turn the ignition key to STOP to prevent the battery from running down.

To restore the correct operation of the car, proceed as follows:

- ☐ bring the left exterior light control stalk to central position (neutral);
- ☐ turn the ignition key to MAR;
- ☐ activate the right direction indicator;
- ☐ deactivate the right direction indicator;
- ☐ activate the left direction indicator;
- ☐ deactivate the left direction indicator;
- ☐ activate the right direction indicator;
- ☐ deactivate the right direction indicator;
- ☐ activate the left direction indicator;
- ☐ deactivate the left direction indicator;
- ☐ ignition key turned to the OFF position;
- ☐ turn the ignition key to MAR.



IMPORTANT

112) *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.*

TOWING THE VEHICLE

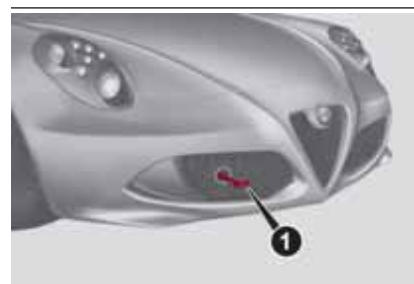
The tow hook provided with the car is located in the tool box in the luggage compartment.

The tow hook attachment is only available at the front end of the car.

ATTACHING THE TOW RING

Take tow hook 1 fig. 86 and tighten it fully onto the threaded pin.

 113) 114) 115)



86

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Spider

ABC

**IMPORTANT**

113) Before towing, turn the ignition key to the MAR position and then to STOP without removing it. The steering column will automatically lock when the key is removed and the wheels cannot be steered. Also check that the transmission is in neutral (N).

114) When towing, remember that the assistance of the brake servo is absent. Consequently, more force is required at the pedal in order to brake. Do not use flexible cables when towing and avoid jerky movements. Make sure not to damage parts in contact with the car while towing.

When towing the vehicle, you must comply with all specific traffic regulations and adopt an appropriate driving behaviour.

Do not start the engine while towing the car. Before tightening the ring, clean the threaded housing thoroughly. Make sure that the ring is fully fastened in the housing before towing the vehicle.

115) The tow hook 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 hooks **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.



Correct servicing permits the performance of the car to be maintained over time, as well as limited running costs and safeguarding the efficiency of the safety systems. This chapter will tell you how.

SERVICING AND CARE

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SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions.

This is why Alfa Romeo has programmed a series of checks and servicing operations every 20,000 km.

Check the items on the Scheduled Servicing Plan (e.g. periodically check level of liquids, tyre pressure, etc.) before 20,000 km and then between the services deadlines.

Scheduled Servicing is offered by the dedicated Alfa Romeo Dealership at predefined intervals. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out with the owner's explicit agreement only.

IMPORTANT NOTES

2000 km before the maintenance is due, a dedicated message appears on the display, along with  warning light.

Scheduled Servicing interventions are set out by the Manufacturer. Failure to have them carried out may invalidate the warranty.

It is advisable to inform the dedicated Alfa Romeo Dealership of any small operating irregularities without waiting for the next service.

SCHEDULED SERVICING PLAN

1750 Turbo Petrol VERSIONS

Thousands of km	20	40	60	80	100	120
Months	12	24	36	48	60	72
Check battery charge status and possibly recharge	●	●	●	●	●	●
Check tyre conditions/wear and adjust pressure, if necessary	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check vehicle fastenings	●		●		●	
Check mechanical components fastenings	●	●	●	●	●	●
Check operation of windscreen washer system and adjust jets if necessary	●	●	●	●	●	●
Check position/wear of windscreen wiper blade	●	●	●	●	●	●
Check cleanliness of luggage compartment lock, cleanliness and lubrication of linkages	●	●	●	●	●	●
Visually inspect condition of: exterior bodywork, carbon monocoque, aerodynamic bottom, pipes and hoses (exhaust, fuel supply system, brakes), rubber elements (boots, driveshaft boots, sleeves, bushes, etc.)	●	●	●	●	●	●
Check condition and wear of front brake pads and discs, and operation of pad wear indicator	●	●	●	●	●	●
Check condition and wear of rear brake pads and discs, and operation of pad wear indicator	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine cooling, brakes, windscreen washer, etc.)	●	●	●	●	●	●



Spider

ABC

Thousands of km	20	40	60	80	100	120
Months	12	24	36	48	60	72
Visually inspect condition of the accessory drive belt(s)			●			
Inspect the conditions of toothed timing drive belt			●			
Check handbrake lever travel and adjust, if necessary (or every 12 months)	●	●	●	●	●	●
Use the diagnosis socket to check supply/engine and gearbox/transmission management system operation and engine oil degradation	●	●	●	●	●	●
Check and, if necessary, top up oil level for the twin clutch transmission						●
Replace spark plugs (1)			●			●
Replace accessory drive belt/s					●	
Replace toothed timing drive belt (2)					●	
Replace air cleaner cartridge	●	●	●	●	●	●
Replace engine oil and oil filter (3)						
Change brake fluid (or every 24 months)		●		●		●

- (1) The following are essential to ensure correct operation and prevent serious damage to the engine: only use spark plugs of the same make and type which are specially certified for such engines (see the information in the "Engine" paragraph in the "Technical specifications" chapter); strictly comply with the spark plug replacement interval given in the Scheduled Servicing Plan; for spark plug replacement, it is advisable to contact a dedicated Alfa Romeo Dealership.
- (2) Irrespective of the mileage, the timing drive belt must be replaced every 4 years for heavy-duty use (cold climates, town use, long periods of idling) or, in any case, every 5 years.
- (3) The actual interval for changing the oil and replacing the engine oil filter depends on the car usage conditions and is signalled by the warning light or message (where provided) or the instrument panel or, in any case, every 12 months.

PERIODIC CHECKS

Every 1,000 km or before long journeys, check and, if necessary, top up the following:

- ☐ engine coolant level;
- ☐ brake fluid;
- ☐ windscreen washer fluid;
- ☐ tyre inflation pressure and condition;
- ☐ operation of lighting system (headlights, direction indicators, hazard warning lights, etc.);
- ☐ operation of windscreen washing/wiping system and positioning/wear of wiper blade.

Every 3,000 km check and top up if required: engine oil level.

IMPORTANT To find out the correct oil quantity, always check using the dipstick. Carry out the check with the vehicle parked on level ground.

DEMANDING USE OF THE CAR

If the vehicle is used mainly under one of the following conditions:

- ☐ trailer or caravan towing;
- ☐ dusty roads;
- ☐ short repeated distances (less than 7-8 km) and with external temperatures below zero;
- ☐ engine often idling or driving long distances at low speeds or long periods of inactivity;
- ☐ you should perform the following inspections more frequently than shown in the Scheduled Servicing Plan:
 - ☐ check front disk brake pad conditions and wear;
 - ☐ check cleanness of locks, bonnet and boot and lever cleanness and lubrication;
 - ☐ visually inspect condition of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel system - brakes) and rubber elements (gaiters - sleeves - bushes - etc.);
 - ☐ check battery charge and battery fluid level (electrolyte);

- ☐ visually inspect conditions of the accessory drive belts;
- ☐ check and, if necessary, change engine oil and replace oil filter;
- ☐ check air cleaner and replace it, if required.

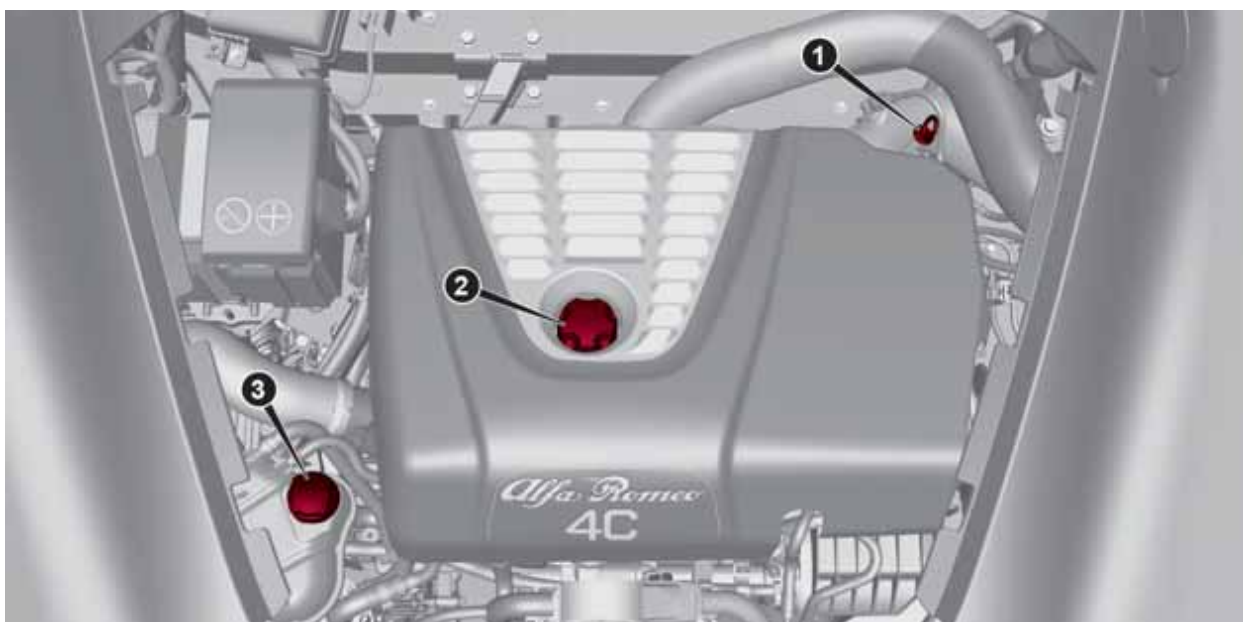
Using the car on track should be regarded as an exception. The car has been designed and produced for road use.



Spider

ABC

CHECKING LEVELS



87

A0L0152

The topping-up plug 2 and the dipstick 1 for checking the engine oil level and the reservoir 3 for the engine coolant can be accessed by lifting the tailgate (see the procedure in the "Boot/Bonnet" paragraph in the "Knowing your car" chapter).

⚠ 116) 117) 118)

⚠ 14)

106



88

A0L0153

The brake fluid and windscreen washer is located between the bonnet and the windscreen and can be reached by removing the panel 4 and the protective grille 5, respectively; use the kit provided for topping up (see descriptions shown below).



14)



Spider

ABC

107

ENGINE OIL

Check that the oil level is between the MIN and MAX marks on the dipstick 1 fig. 87.

For this check, take out the dipstick from its seat, clean it with a lint-free cloth, reinsert the dipstick; take it out again and check the oil level.



If the oil level is near or under the MIN mark, add oil through the filler 2 fig. 87 until it reaches the MAX mark.



Tool 1 shown in fig. 89 and stored in the car, must be used to undo and refasten the filler cap.



89

AOL0231

Take out the engine oil dipstick 1 fig. 87, clean it with a lint-free cloth and reinsert it. Extract the engine oil dipstick again and check that the level is between the MIN and MAX marks on the dipstick.



WARNING Make sure that the oil cap is tightened properly in its seat after topping the oil up.

After refitting the cap, remove tool 1 fig. 89 before closing the bonnet and place it back in the housing to prevent misplacing it and avoid the risk of causing damage to the engine.

The range between the MIN and MAX levels corresponds to approximately 1 litre of oil.

Engine oil consumption

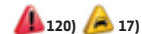


The maximum engine oil consumption is usually 400 grams every 1000 km.

When the car is new, the engine needs to be run in; therefore the engine oil consumption can only be considered stabilised after the first 5,000 - 6,000 km.

IMPORTANT After adding or changing the oil, let the engine run for a few seconds and wait a few minutes after switching it off before checking the level.

ENGINE COOLANT FLUID



The coolant level must be checked when the engine is cold and must range between the MIN and MAX marks on the reservoir.

If the level is too low, unscrew reservoir plug 3 fig. 87 and add the fluid described in the "Fluids and lubricants" paragraph of the "Technical Specifications" chapter.

WINDSCREEN WASHER LIQUID

 121) 122)

To check the windscreen washer fluid level, proceed as follows:

- ☐ to avoid any interference during the procedure, lift the windscreen wiper blade according to the "Windscreen wiper" paragraph in the "Servicing and care" chapter;
- ☐ undo the 4 self-tapping screws 1 fig. 90 using the supplied screwdriver, then remove the bonnet grille;



90

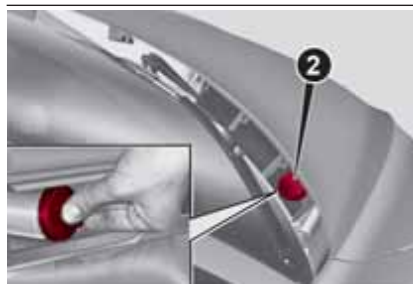
AOL0130

- ☐ release the plug from the opening;
- ☐ leaving the plug close to the opening, put a finger on the central hole 2 fig. 91 in the plug and remove it: the level can be seen on the control pipe 3 fig. 92 by capillarity;

- ☐ after the check, reinsert the plug 2 with the control pipe 3 in the initial position;
- ☐ put the bonnet grille back and fasten the 4 self-tapping screws 1 again.

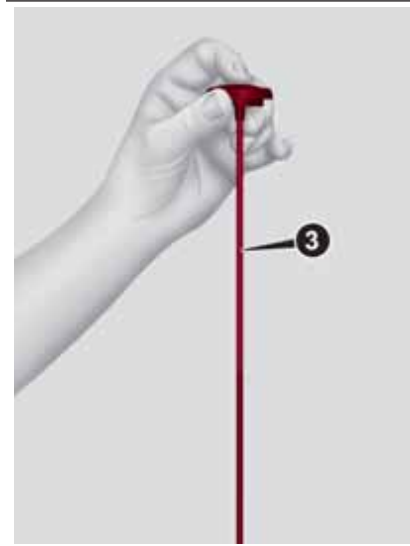
WARNING Re-close the plug holding it horizontally (not directed towards the bonnet) to prevent the opening tang from remaining locked in a position difficult to reach.

It is recommended to check the windscreen washer fluid regularly, in particular in driving conditions needing a heavier use of the windscreen washer.



91

AOL0131



92

AOL0147

If the level is not sufficient, namely if there is no fluid inside the pipe, proceed as follows:

- ☐ to avoid any interference during the procedure, lift the windscreen wiper blade according to the "Windscreen wiper" paragraph in this chapter;
- ☐ undo the 4 self-tapping screws 1 fig. 90 using the supplied screwdriver. Remove the bonnet grille;



Spider

ABC

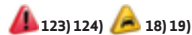
- ❑ take the white funnel 4 fig. 93 for topping up the windscreen washer fluid/fuel and its extension pipe from the servicing kit in the boot;
- ❑ take out the plug 2 fig. 91 with the fluid control pipe through the bonnet opening on the grille;
- ❑ introduce the funnel 4 fig. 93 and its extension pipe in the reservoir neck and top up;
- ❑ after topping up, remove the funnel 4 with the extension pipe;
- ❑ refit the plug 2 with the dipstick;
- ❑ reposition the bonnet grille and tighten the 4 self-tapping screws 1.



93

AOL0148

BRAKE FLUID



To check the brake fluid level, proceed as follows:

- ❑ undo the 2 self-tapping screws 5 fig. 94 and remove the protective panel;
- ❑ check that the fluid is at the max. level;
- ❑ after checking, reposition the protective panel and tighten the 2 self-tapping screws 5.



94

AOL0149

If the fluid level in the reservoir is not sufficient, proceed as follows:

- ❑ take the black funnel for topping up the brake fluid and its extension pipe from the servicing kit in the luggage compartment;

- ❑ undo the cap of the vessel and introduce the funnel 6 fig. 95 with the extension tube into the mouth of the vessel;
- ❑ after topping up, remove the funnel 6 with the extension pipe;
- ❑ tighten the reservoir plug;
- ❑ reposition the protective panel and tighten the 2 self-tapping screws 5.

WARNING Be very careful while removing the plug from the opening to prevent the plug from falling inside the vehicle body.



95

AOL0160



IMPORTANT

116) Alfa 4C is designed and produced for road use, in compliance with the current regulations. Car use in the track must be considered as occasional and in any case under the responsibility of the user. The car CANNOT be modified or tampered with for any reason; this would alter the Manufacturer homologation and/or safety requirements. Using a modified or tampered product relieves the Manufacturer from any responsibility on the product and may expose people to serious risks.

117) Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.

118) Be very careful when working in the engine compartment when the engine is hot: you may get burned.

119) 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!

120) The cooling system is pressurised. If necessary, only replace the cap with another original one 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.

121) 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.

122) Some commercial additives for windscreen washer fluid are flammable. The engine compartment contains hot components which may start a fire.

123) 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.

124) The © symbol on the container indicates a synthetic brake fluid, which is different from a mineral fluid. Using a mineral fluid will damage the special rubber seals of the braking system beyond repair.



WARNING

4) Used engine oil and oil filters contain substances which are harmful to the environment. You are advised to go to a dedicated Alfa Romeo Dealership to have the oil and filters changed.



WARNING

14) 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.

15) The oil level must never exceed the MAX reference.

16) Do not add oil with specifications other than those of the oil already in the engine.

17) 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 a dedicated Alfa Romeo Dealership.

18) Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, wash immediately with water.

19) Be very careful when restoring / topping up the brake fluid level, as it may be leaking from the extension pipe, inside the vehicle bonnet and parts of windscreen and body, causing corrosion damages. Provide for the use of appropriate guards (e.g. absorbent paper) in order to limit this risk at most.



Spider

ABC

AIR FILTER

For cleaner replacement, contact a dedicated Alfa Romeo Dealership.

WINDSCREEN WIPER

It is advisable to replace the blade about once a year.



A few simple precautions can reduce the possibility of damage to the blade:

- ❑ if the temperature falls below zero, make sure that ice has not frozen the rubber to the glass.
- Use an antifreeze product to release it if required;
- ❑ remove any snow from the glass;
- ❑ do not operate the windscreen wiper on dry glass.

IMPORTANT Do not lift the arm of the windscreen wiper when it is in its initial rest position. Refer to the following instructions to lift the windscreen wiper blade correctly.

Lifting blade

If it is necessary to lift the blade from the windscreen (e.g. in the event of snow or if the blade needs replacement) proceed as follows:

- ❑ by turning the ring nut 1 fig. 96 to O;



96

AOL0021

- ❑ turn the ignition key to MAR and then to STOP;
- ❑ after turning the ignition key to STOP, within 2 minutes move the right stalk upwards, into unstable ("anti-panic") position, for at least half a second. The windscreen wiper then executes part of a stroke; at each command, approximately 1/3 of a normal wiper stroke is triggered.
- ❑ the previous operation can be repeated up to 3 times, in order to move the blade to the most suitable position;
- ❑ lift the blade from the windscreen and proceed with the required operation;

- ❑ lower the blade, bringing it into contact with the windscreen;
- ❑ bring the blade to the initial rest position, turning the ignition key to MAR.

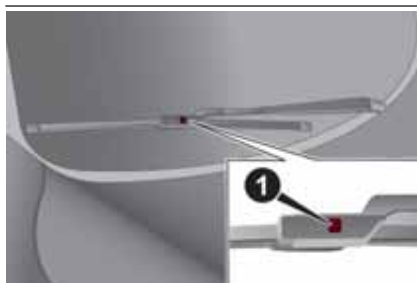


Replacing the front windscreen wiper blade

Proceed as follows:

- ❑ lift the windscreen wiper blade, following the instructions given previously;
- ❑ press tab 1 fig. 97 of the attachment spring and remove the blade from the arm;
- ❑ fit the new blade, inserting the tab in the dedicated housing in the arm and checking that it is locked;

- ❑ lower the wiper arm onto the windscreen.



97

AOL0086



IMPORTANT

115) Driving with a worn windscreen wiper blade is a serious hazard, because visibility is reduced in bad weather.



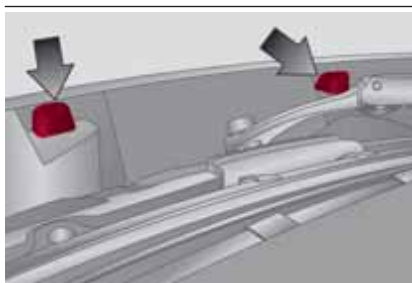
WARNING

20) Do not operate the screen wiper with the blades lifted from the windscreen.

NOZZLES

Windscreen washer

The windscreen washer nozzles are adjustable fig. 98. They are originally adjusted at the factory. Should it be necessary to adjust them again, contact a dedicated Alfa Romeo Dealership.

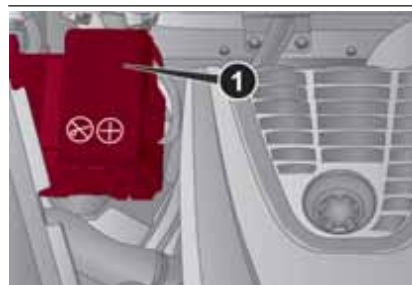


98

AOL0087

BATTERY

The battery 1 fig. 99 does not require the electrolyte to be topped up with distilled water. A periodic check carried out at a dedicated Alfa Romeo Dealership is, however, necessary to check efficiency.



99

AOL0138



Spider

ABC

INSPECTING THE CHARGE AND THE ELECTROLYTE LEVEL

 126) 127) 128) 129)

 21)

 5)

If necessary, replace the battery with another original battery with the same specifications. Follow the battery manufacturer's instructions for maintenance.



IMPORTANT

126) Battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep open flames away from the battery and do not use objects that might create sparks: risk of explosion and fire.

127) Using the battery with insufficient fluid irreparably damages the battery and may cause an explosion.

128) If the car will be unused for an extended period of time in extremely cold weather conditions, remove the battery and store it in a heated area to prevent it from freezing.

129) Always wear appropriate goggles when working on or near the battery.



WARNING

21) Incorrect assembly of electrical and electronic accessories may cause severe damage to your vehicle. After purchasing your vehicle, if you wish to install any accessories (anti-theft, etc.), go to a dedicated Alfa Romeo Dealership, which will suggest the most suitable devices and advise you whether a higher capacity battery needs to be installed.



WARNING

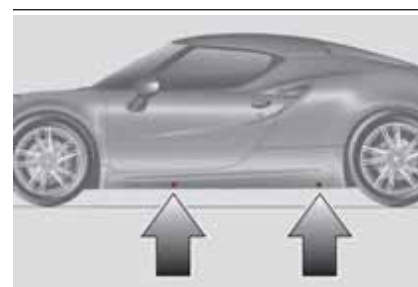
5) Batteries contain substances which are very dangerous for the environment. For battery replacement, contact a dedicated Alfa Romeo Dealership.

RAISING THE CAR

If raising the car is necessary, contact a dedicated Alfa Romeo Dealership, who will be equipped with suitable arm or workshop lifts, in addition to the specific equipment necessary.

It is however possible to use suitable lowered hydraulic jacks to raise the car if necessary.

The car lifting points are marked on the side skirts with the ∇ symbols (see points illustrated in fig. 100).



100

A0L0029

The correct support points for raising the front and rear part of the car are illustrated in fig. 101 and fig. 102.

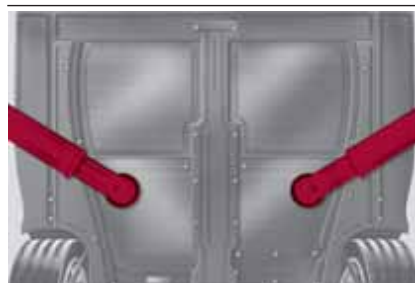
IMPORTANT When positioning the car on the arm lift, remember that the power unit is located at the rear end, with consequent impact on weight distribution. Therefore, the shorter arms must support the rear end, and the longer arms support the front end.

 22) 23)



101

AOL0128



102

AOL0127



22) Be careful to position the lift arms correctly at the points illustrated, in order to prevent damage to the carbon fibre chassis and the bodywork components.

23) To avoid damage to the carbon fibre chassis, the car cannot be raised with standard hydraulic jacks, only with suitable lowered hydraulic jacks. Contact a dedicated Alfa Romeo Dealership.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The car features advanced technological solutions for effective protection of the exterior bodywork and structure.

The best products and best painting systems lend the exterior bodywork particularly high resistance to atmospheric agents (solar radiation, acid rain, etc.) and gravel, through specific protections.

The chassis too, in light, corrosion-resistant alloy, is treated to prevent the formation of surface oxidation.

CAR CORROSION WARRANTY

Your car is covered by warranty against perforation, due to rust, of any original element of the structure. For the general terms of this warranty, refer to the Warranty Booklet.



Spider

ABC

PRESERVING THE BODYWORK

Paint



Touch up abrasions and scratches immediately.

Maintenance of paintwork consists of washing the car: the frequency depends on the conditions and environment where the car is used.

For example, in highly polluted areas, or if the roads are spread with salt, it is advisable to wash the car more frequently.

To correctly wash the car, proceed as follows:

- ☐ wash the bodywork using a low pressure jet of water. It should be remembered that the build up of water can damage the car over a period of time;
- ☐ use a sponge to wipe a slightly soapy solution over the bodywork, frequently rinsing the sponge;
- ☐ rinse well with water and dry with a jet of air or leather pad.

When drying take care to dry the least exposed parts where the water could collect most easily. 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 tailgate hot: this may alter the shine of the paintwork.

Exterior plastic parts must be cleaned in the same way as the rest of the vehicle.

IMPORTANT NOTES

- ☐ Avoid parking under trees as much as possible; the resin from trees dulls the paintwork.
- ☐ 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.

Front headlights

Use a soft cloth soaked in water and detergent for washing cars.

IMPORTANT Never use aromatic substances (e.g.: petrol) or ketones (e.g.: acetone) for cleaning front headlight plastic lens.

IMPORTANT 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 the winter the engine compartment should be carefully washed, without directing the jet against any electronic control unit. Have this operation performed at a specialised workshop.

IMPORTANT The washing should take place with the engine cold and the ignition key 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.



IMPORTANT

24) In order to preserve the aesthetic appearance of the paint abrasive products and/or polishes should not be used for cleaning the car.

25) Avoid washing with rollers and/or brushes in washing stations. Wash the vehicle 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 vehicle. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the vehicle 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 opaqueness 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.



WARNING

6) Detergents pollute water. Only wash your vehicle in areas equipped to collect and treat wastewater from this type of activity.

INTERIOR

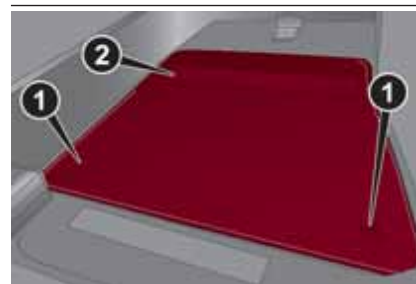


130) 131)

Periodically check the cleanliness of the interiors, beneath the mats, also to prevent damage to carbon parts.

To remove and reposition the mats in the passenger compartment, proceed as follows:

- ☐ undo the screws with folding ring 1 fig. 103, driver side and passenger side;
- ☐ separate the Velcro fabric strips 2 in the front area under the mats, lifting them from the floor.



103

A0L0143

Reposition the mats on the floor, making sure that the holes at the back of the mats coincide with the screw housings on the floor.



Spider

ABC

Proceed as follows to reposition:

- ❑ tighten the screws with folding ring 1 fig. 103 in the housings on the floor;
- ❑ unite the Velcro fabric strips 2 of the mats with those on the floor, taking care to apply light pressure and ensure that the fastening is efficient.



132)

SEATS AND FABRIC OR MICROFIBRE PARTS

Remove dust with a soft brush or a vacuum cleaner.

For cleaning microfibre upholstery (on some versions, including steering wheel).

It is advisable to moisten the brush. Rub the seats with a sponge moistened with a solution of water and neutral detergent.

LEATHER SEATS

(where provided)

Remove the dry dirt with a chamois or slightly damp cloth, without exerting too much pressure.

Remove any liquid or grease stains using an absorbent dry cloth, without rubbing.

Then clean with a soft cloth or buckskin cloth dampened with water and mild soap. If the stain persists, use specific products and observe the instructions carefully.

IMPORTANT Never use alcohol. Make sure that the cleaning products used contain no alcohol or alcohol derivatives, even in small quantities.

PLASTIC, CARBON AND COATED PARTS

Clean interior plastic and visible carbon 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.



26)

LEATHER UPHOLSTERY

(for versions/markets, where provided)

Use only water and mild soap to clean these parts. Never use alcohol or alcohol-based products.

Before using a specific product for cleaning interiors, make sure that it does not contain spirit and/or alcohol based substances.



IMPORTANT

130) Never use flammable products, such as petroleum ether or modified petrol, to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.

131) Do not keep aerosol cans in the car: danger of explosion.

Aerosol cans must not be exposed to a temperature exceeding 50°C.

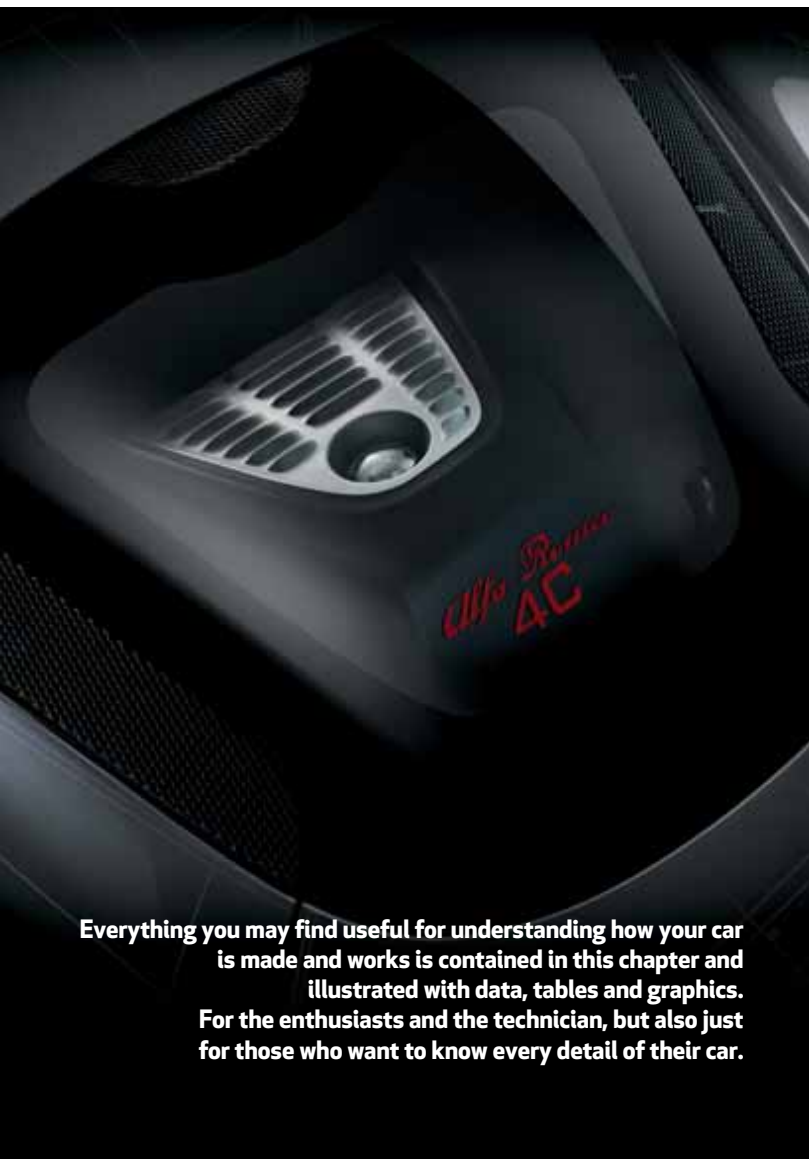
When the vehicle is exposed to sunlight, the internal temperature can greatly exceed this value.

132) It is essential that there is nothing under the pedals: make sure the mats are lying flat and do not get in the way of the pedals.



WARNING

26) Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.



Everything you may find useful for understanding how your car is made and works is contained in this chapter and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their car.

TECHNICAL DATA

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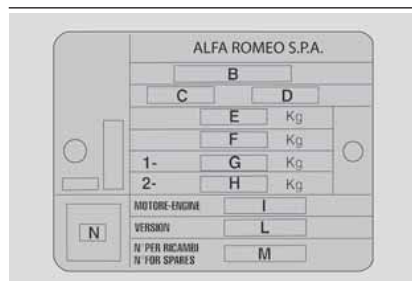
IDENTIFICATION DATA

The identification data of the vehicle are:

- ☐ Model plate;
- ☐ Chassis marking;
- ☐ Bodywork paint identification plate;
- ☐ Engine marking.

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

This is located on the body behind the driver side seat backrest and bears the following data fig. 104:



104

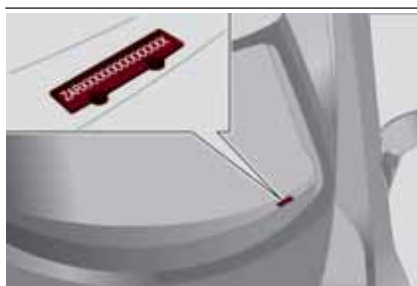
A0L0088

- B Type-approval number.
- C Vehicle type identification code.
- D Chassis manufacture number.
- E Maximum authorised weight of vehicle fully laden.
- F Maximum authorised weight of vehicle when fully laden plus trailer.
- G Maximum authorised weight on first axle (front).

- H Maximum authorised weight on second axle (rear).
- I Engine type.
- L Bodywork version code.
- M Spare part number.
- N Correct fume coefficient value.

VEHICLE IDENTIFICATION NUMBER

This is located on the dashboard at the bottom of the windscreen fig. 105.



105

A0L0158

Marking

The marking 1 fig. 106 is printed on the passenger compartment floor panel, near the passenger side seat.



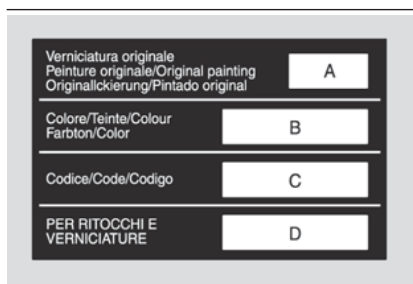
106

A0L0089

The marking includes: vehicle type and sequential chassis number.

BODYWORK PAINT IDENTIFICATION PLATE

It is applied under the tailgate and shows the following data fig. 107:



107

A0L0090

- A Paint manufacturer.
- B Colour name.
- C Colour code.
- D Respray and touch up code.

ENGINE MARKING

It is stamped on the cylinder block and includes the type and the engine serial number.



Spider

ABC

ENGINE

GENERAL INFORMATION	1750 Turbo Petrol
Code type	960A1000
Cycle	Otto
Number of cylinders and position	4 in line
Piston diameter and stroke (mm)	83 x 80.5
Total capacity (cm ³)	1742
Compression ratio	9.25 ± 0.25
Maximum power (EEC) (kW)	177 (*)
Maximum power (EEC) (HP)	240
- corresponding engine speed (rpm)	6000
Maximum torque (EEC) Nm	350 (*)
Maximum torque (EEC) (kgm)	35.7
- corresponding engine speed (rpm)	2100 - 4000
Spark plugs	NGK ILKAR7D6G
Fuel	Unleaded petrol 98 RON or 95 RON (EN 228 specifications)

(*) Values obtained using 98 RON unleaded petrol.

WHEELS

RIMS AND TYRES PROVIDED



133)

	Rims	Tyres provided	Snow tyres
Front tyres	7JX17 H2 ET 33	205/45 R17 88Y XL	205/45 R17 88Y XL M+S
	7JX18 H2 ET 33	205/40 R18 86Y XL	205/40 R18 86Y XL M+S
Rear tyres	8JX18 H2 ET 44	235/40 R18 95Y XL	235/40 R18 95Y XL M+S
	8.5JX19 H2 ET 49	235/35 R19 91Y XL	235/35 R19 91Y XL M+S

Reduced size snow chains with a maximum projection of 7 mm beyond the tyre profile can be fitted only on 235/40 R18 rear tyres.
235/35 R19 rear tyres cannot be fitted with chains.



IMPORTANT

133) 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.



Spider

ABC

COLD TYRE INFLATION PRESSURE (bar)

	Tyres provided	Inflation pressure (bar)
Front tyres	205/45 R17 88Y XL	1.8
	205/40 R18 86Y XL	1.8
Rear tyres	235/40 R18 95Y XL	2.0
	235/35 R19 91Y XL	2.0

When the tires are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure.

However, recheck that the value is correct with the tyre cold.

With snow tyres, add +0.2 bar to the pressure value prescribed for standard tyres.

If it is necessary to raise the vehicle, refer to the "Raising the vehicle" paragraph in the "Servicing and care" chapter.

SNOW TYRES

Use snow tyres of the same size as the normal tyres provided with the car: the dedicated Alfa Romeo Dealership will be able to advise you on the most appropriate tyre to use.

Only use these tyres in the event of ice or snow on the roads.

In these conditions it is recommended to select the "All Weather" mode of the Alfa DNA system.

For the type of snow tyre to be used, inflation pressures and the specifications of the tyres, carefully follow the instructions given in this paragraph.



134)

The performance of these tyres on low-grip surfaces are reduced considerably when the tread depth is below 4 mm. Replace them in this case.

Due to the specific characteristics of snow tyres, in normal weather conditions and dry asphalt or on long motorway journeys, the performance of these tyres is lower than that of standard tyres.

Their usage should therefore be restricted in accordance with their type approval.

IMPORTANT When using snow tyres with a maximum speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger compartment, plainly in view, which states the maximum speed allowed by the snow tyres (as per EC Directive).

All four tyres should be the same brand to ensure greater safety when driving and braking as well as making the car more responsive. It is inadvisable to change the rotation direction of tyres.

For more information on how to lift the car correctly, see "Raising the vehicle" in the "Servicing and care".

Their usage should therefore be restricted in accordance with their type approval.

IMPORTANT When using snow tyres with a maximum speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger compartment, plainly in view, which states the maximum speed allowed by the snow tyres (as per EC Directive).

All four tyres should be the same brand to ensure greater safety when driving and braking as well as making the car more responsive. It is inadvisable to change the rotation direction of tyres.

For more information on how to lift the car correctly, see "Raising the vehicle" in the "Servicing and care".



IMPORTANT

134) The maximum speed for snow tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. The highway code speed limits must however always be complied with.



Spider

ABC

SNOW CHAINS

Reduced size snow chains with a maximum projection of 7 mm beyond the tyre profile can be fitted only on 235/40 R18 rear tyres. The use of snow chains should be in compliance with local regulations. Snow chains can be fitted on the tyres of the rear wheels (drive wheels) only.

235/35 R19 rear tyres cannot be fitted with chains.

Check the tension of the snow chains after the first few metres have been driven.

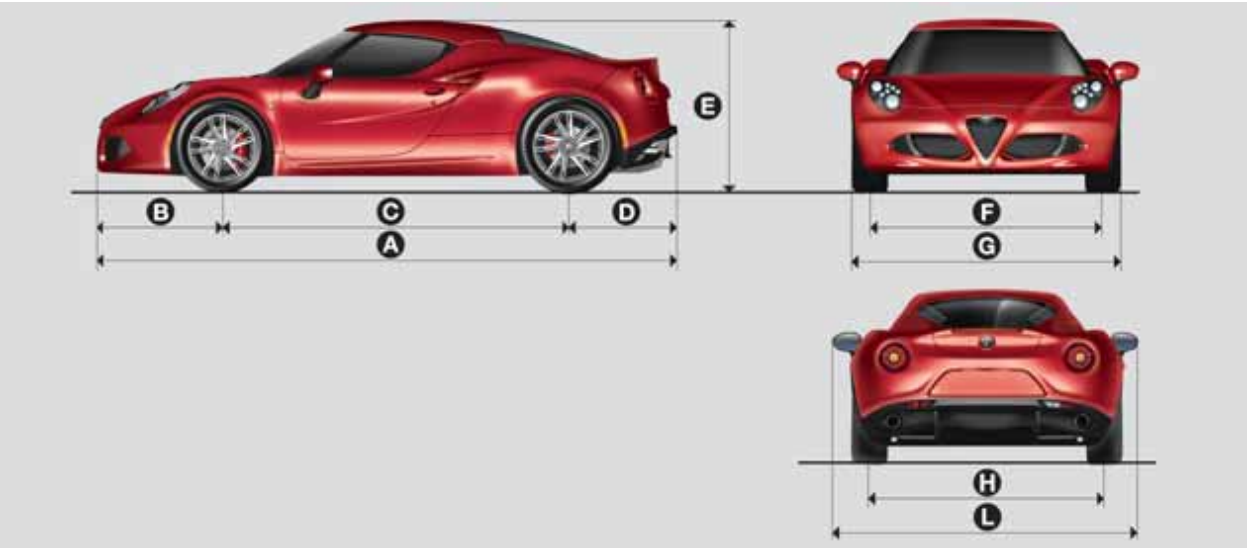
**WARNINGS**

27) 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 sidewalks and do not drive long distances over roads without snow, to avoid damaging both your vehicle and the road surface.

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres.
Height is measured with vehicle unladen.

BOOT VOLUME Unladen capacity (V.D.A. standards) = 110 dm³



108

A0L0119

A	B	C	D	E	F	G	H	L
3990	864	2380	746	1184	1639	1868	1606	2090

Small variations with respect to the reported values are possible depending on the dimensions of the rims.



Spider

ABC

WEIGHTS

Versions	1750 Turbo Petrol
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	920
Payload including the driver: (*)	255
Maximum permitted loads (**)	
– front axle:	490
– rear axle: 7	55
– total:	1175
Towable loads (kg)	
– braked trailer:	0
– unbraked trailer:	0
Maximum load on roof:	0
Maximum load on ball joint (braked trailer):	0

(*) If special equipment is fitted, the unladen vehicle weight increases, thus reducing the specified payload within the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment within the maximum permitted loads.

REFUELLING

	1750 Turbo Petrol		Prescribed fuels / Fluids and original lubricants
	litres	kg	
Fuel tank	40	–	Unleaded petrol no lower than 95 RON (EN228 specifications)
including a reserve of	4 - 5	–	
Engine cooling system	10,6	9,4	50% mixture of distilled water and PARAFLU ^{UP} (*)
Engine sump	5.4	4.6	SELENIA SPORT POWER
Engine sump and filter	5.8	5.0	
Gearbox/differential	1.88	1.6	TUTELA TRANSMISSION GEARTECH
Hydraulic gearbox actuator system	1.45	1.2	TUTELA CS SPEED
Hydraulic brake circuit with ABS anti-locking device	0.52	0.56	TUTELA TOP 4
Windscreen washer liquid vessel	1.9	1.7	Water and liquid mixture TUTELA PROFESSIONAL SC 35

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% of demineralised water.



Spider

ABC

FLUIDS AND LUBRICANTS

Your vehicle is equipped with an engine oil that has been thoroughly developed and tested in order to meet the requirements of the Scheduled Servicing Plan. 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	Fluid and lubricant specifications for correct vehicle operation	Genuine fluids and lubricants	Replacement frequency
Petrol engine lubricant	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT 9.55535-GH2 classification.	SELENIA SPORT POWER Contractual Technical Reference N. F052.H12	According to Scheduled Servicing Plan
Oils and greases for driveline	SAE 75W-85 grade synthetic-base lubricant. FIAT Classification 9.55550-MZ3.	TUTELA TRANSMISSION GEARTECH Contractual Technical Reference N.F704.C08	TCT automatic transmission
	Special fluid for electro-hydraulic ratio selector actuators FIAT qualification 9.55550-SA1	TUTELA CS SPEED Contractual Technical Reference N. F005.F98	Lubricant for electro-hydraulic actuator
	Molybdenum disulphide grease, for use at high temperatures. N.L.G.I. consistency 1-2 FIAT qualification 9.55580	TUTELA ALL STAR Contractual Technical Reference N. F702.G07	Constant velocity joints wheel side
	Grease for constant velocity joints with low friction coefficient. N.L.G.I. consistency 0-1 FIAT qualification 9.55580	TUTELA STAR 700 Contractual Technical Reference N. F701.C07	Differential side constant velocity joints

In case of emergency, if the above specified lubricants are not available, products with the minimum indicated ACEA performance can be used for topping up; in this case optimal performance of the engine is not guaranteed.

Use	Fluid and lubricant specifications for correct vehicle operation	Genuine fluids and lubricants	Replacement frequency
Brake liquid	Synthetic fluid for brake and clutch systems. That passes FMVSS n. 116 DOT 4 specifications, ISO 4925, SAE J1704, FIAT qualification 9.55597	TUTELA TOP 4 Contractual Technical Reference N. F001.A93	Hydraulic brakes and hydraulic clutch controls
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. FIAT qualification 9.55523	PARAFLU ^{UP} (*) Contractual Technical Reference N. F101.M01	Proportions of use: 50% demineralised water 50% PARAFLU ^{UP} (**)
Windscreen washers liquid	Mixture of alcohol, water and surfactants CUNA NC 956-11 FIAT qualification 9.55522	TUTELA PROFESSIONAL SC 35 Contractual Technical Reference N. F201.D02	To be used diluted or undiluted in windscreen washer/wiper systems
Adhesive for glass	Basic adhesive MS Polymer FIAT qualification 9.55738/C	SIMSON ISR 70-08 AP	Gluing windows to body

(*) IMPORTANT Do not top up or mix with other fluids which have different specifications from those described.

(**) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% of demineralised water.



WARNING

28) The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.



Spider

ABC

PERFORMANCE

Versions	Top speed (km/h)	Acceleration 0-100 km/h (sec.)
1750 Turbo Petrol	258	4.5

FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the type-approval tests laid down by specific European Directives.

The following procedures are used to measure the fuel consumption:

- ☐ urban cycle: cold starting followed by driving that simulates urban use of the car;
- ☐ extra-urban cycle: driving that simulates extra-urban use of the car, with frequent acceleration in all gears; the speed varies from 0 to 120 km/h;
- ☐ combined consumption: this is calculated with a weighting of about 37% urban cycle consumption and about 63% extra-urban consumption.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured.

FUEL CONSUMPTION ACCORDING TO THE CURRENT EUROPEAN DIRECTIVE (litres/100 km)

Versions	Urban	Extra-urban	Combined
1750 Turbo Petrol	9.8	5.0	6.8

EMISSIONS OF CO₂

The CO₂ emission levels shown in the following table refer to combined fuel consumption.

Versions	CO ₂
	emissions as per the European directive in force (g/km)
1750 Turbo Petrol	157



Spider

ABC

PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE (where provided)

FCA 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, FCA is offering its customers the chance to hand over their vehicle at the end of its life without incurring any additional costs.

The European Directive sets out that when the vehicle is handed over, the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value.

To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-authorized collection and scrapping centre.

These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.



SPIDER

REMOVABLE SOFT TOP	136
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REMOVABLE SOFT TOP

 135)  29)

The car is equipped with a soft top fig. 109 that can be removed manually and combines ease of use and total protection against weather agents. The soft top can be stored in a suitable container inside the luggage compartment after having been removed.

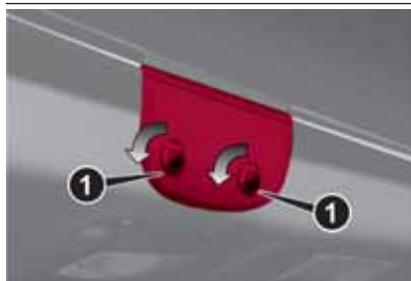


109

AOL0200

To remove the soft top, proceed as follows:

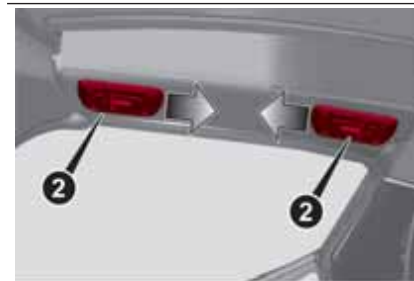
- release the two central locking devices 1 fig. 110 inside the car by rotating them by $\frac{1}{4}$ turn anti-clockwise;



110

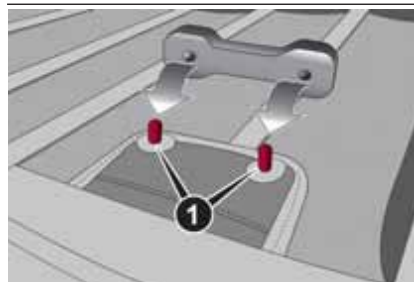
AOL0201

- at the side of the car, with the door open, press the rail downwards to detension the soft top, then move the two side devices 2 fig. 111 inwards and lift the soft top end part releasing it from the retainers;
- package the first side of the soft top rolling it up to the centre line;
- proceed in the same way for the other side of the soft top;
- remove the soft top with both sides rolled and store it in the suitable container inside the luggage compartment.
- before placing it in the dedicated container it is necessary to cover the central pins 1 Fig. 112 with the appropriate buffer included in the supply to prevent damage to the soft top fabric during the packaging.



111

AOL0202



112

AOL0198

To position again the soft top on the car, proceed as follows:

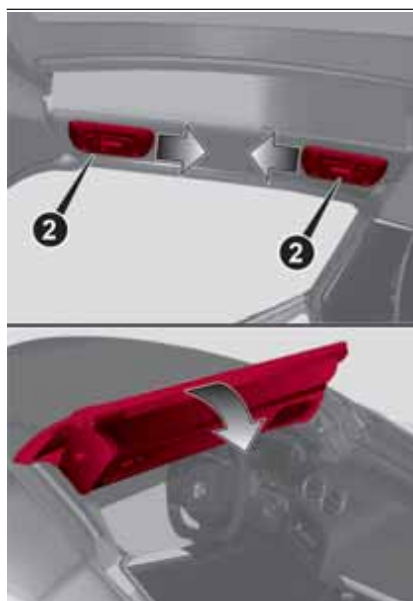
- ❑ open the doors;
- ❑ take the soft top from the luggage compartment and place it in the centre line; the front side can be recognised by the presence of the safety visor fig. 110;
- ❑ unroll the soft top inserting it under the spoiler and making sure that it is correctly positioned;
- ❑ turn the rail upwards and insert in the side centring pins of the soft top in the respective housings fig. 113 on the car being careful to insert the front pin and the rear pin;



113

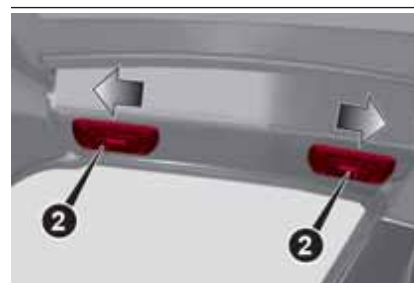
AOL0203

- ❑ press the side devices 2 inwards fig. 114 and turn the rail downwards;
- ❑ leave the handles and complete the rail rotation pressing it until you hear the closing click of the lock;
- ❑ check that the devices 2 are completely closed fig. 115;
- ❑ proceed in the same way for the other side of the soft top;



114

AOL0220



115

AOL0221

- ❑ position the two central devices 1 fig. 110 in the suitable housing inside the car and rotate them by $\frac{1}{4}$ turn clockwise to lock them. Check the correct insertion of the pins into their seats and make sure the grab ring is in horizontal position. The fixing is carried out correctly and the soft top is ensured only when the ring is located in a horizontal position (not vertical, or at 45°).

IMPORTANT NOTES

- ❑ It is advisable to install the soft top after parking the car. The closed top effectively protects the car from rain and from theft.



Spider

ABC

- ❑ Do not fix a roof rack to the top.
- ❑ Do not remove ice from the soft top with sharp items.
- ❑ Do not place objects on the soft top, as they could fall causing damage or injury.
- ❑ It is advisable to cover the top with a protective sheet if the car is left parked in the open for a long time.
- ❑ Do not keep the soft top folded for a long time: this could cause folds and creases in the fabric.
- ❑ Do not store the soft top in its compartment when very dirty or wet, to avoid any mildew or damage.
- ❑ with soft top installed, when travelling over 130 km/h the aerodynamic comfort may not be optimal.

WASHING/CLEANING THE SOFT TOP



30)

Use of specific products is recommended for washing the soft top cloth.

The soft top fabric is treated with a special water-repellent, waterproof product.

The water-repellent properties will degrade in time with exposure to the weather elements. Observe the following instructions for washing:

it is recommended to wash by hand.

Remove as much dirt from the surface of the soft top with a soft brush or vacuum cleaning before washing it.

This operation will considerably improve the final result.

In lack of specific products, use water and mild soap applied with a sponge (preferably in the shade) for washing.

Rinse the soft top with clean water after having eliminated all the stains.

Leave the car in the shade after washing avoiding direct sunlight.

Waterproofing the top



31)

Use specific waterproofing products for fabric soft-tops.

Interior top fabric

Remove dust with a soft brush.

Avoid using hard brushes made of synthetic material to prevent damaging the fabric beyond repair.

Clean the surface with a microfibre cloth or soft sponge dipped in a solution of water and mild soap. Clean the entire surface, including the zones where cleaning is not needed, to prevent haloes or staining.

Use common, car care mild stain removers for more stubborn stains. Apply by blotting (never rubbing) directly on the area of the stain.



IMPORTANT

135) Before starting the car make sure the soft top is correctly locked. It is recommended not to remove/install the soft top with people sitting in the car, as the soft top could fall in the passenger compartment while it is moved. Be careful while installing/removing the soft top to prevent any damage or injury. Keep children away from the area in which the soft-top is folding while installing/removing it.



WARNING

29) Never open the soft top in presence of snow or ice to prevent damage. Loads may not be secured on the vehicle roof.
30) Bird droppings and plant resins must be washed off the soft top immediately as they can damage its fabric. Never use high-pressure washing systems. When using steam washers or high-pressure water washers, maintain a suitable distance and do not exceed a maximum temperature of 60°C. Damage, alterations and water infiltration may occur if the distance is too small and the pressure is too high.

If a water jet is used, direct away from the edges of the fabric and the windscreen surround: water infiltration can occur. Never use alcohol, petrol, chemical products, detergents, stain removers, wax, solvents and "wash and polish" products. Rinse immediately to remove soap to prevent stains and halos. Repeat the operation if needed.
31) Follow the instructions on the waterproofing product container for perfect results. The rubber seals of the soft top must be washed with water only. If you notice that this trim is dry or is sticking, apply talcum powder or products specifically for rubber trim (silicone spray).

SCHEDULED SERVICING

During each scheduled servicing operation and anyway every 12 months, check operation of the soft top locks.



Spider

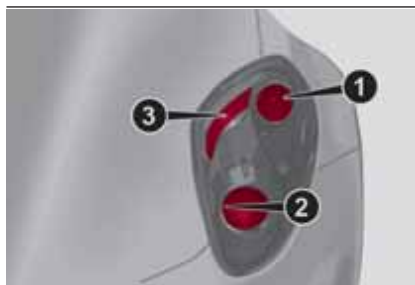
ABC

REPLACING AN EXTERIOR BULB

FRONT LIGHT CLUSTERS

These contain the bulbs for the side lights/daytime running lights (DRL), dipped beam headlights, main beam headlights and direction indicators. The bulbs are arranged as follows in fig. 116:

- 1 Direction indicators
- 2 Dipped/main beam headlights
- 3 Side lights/daytime running lights



116

AOL0195

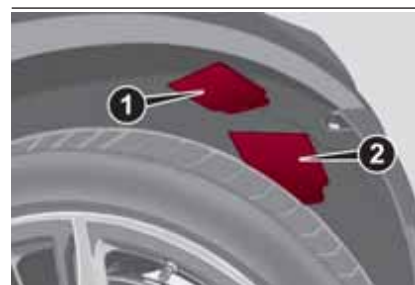
BULB TYPE

BULBS	TYPE	POWER
Direction indicators	PY24W	24W
Dipped / main beam headlights (versions with Bi-Xenon headlights) (where provided)	D5S	-
Dipped/main beam headlights (versions with halogen headlights)	HIR 2	55W
Dipped / main beam headlights (versions with Bi-LED headlights) (where provided)	LED	-
Side lights/Daytime running lights	LED	-

BULB REPLACEMENT

To replace the dipped/main beam headlight bulb for versions with Xenon headlights and versions with Bi-LED headlights (where provided) contact a dedicated Alfa Romeo Dealership.

To replace the bulbs for the dipped/main beam headlights for versions with halogen headlights and for the direction indicators open the corresponding protective flaps, fig. 117, on the inner wheel arch that can be located by steering the wheel completely.



117

AOL0092

- 1 direction indicator bulb protective flap
- 2 dipped/main beam headlight bulb protective flap

Direction indicators

To replace the bulb, proceed as follows:

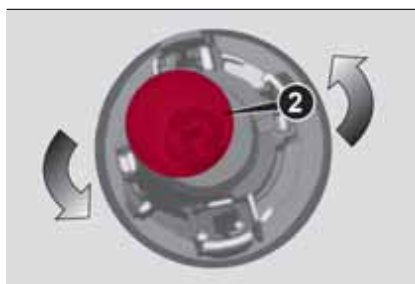
- ❑ steer the wheel completely;
- ❑ open the protective flap 1 fig. 117 by rotating the fixing screw;
- ❑ rotate the plug 1 fig. 118 anti-clockwise and remove the bulb holder;



118

A0L0196

- ❑ rotate the bulb 2 fig. 119 to release it from the retainers and remove it;
- ❑ replace the bulb making sure it is correctly locked;
- ❑ close the protective flap 1 fig. 117.



119

A0L0197

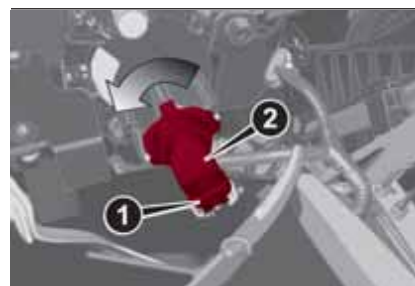
Side lights/daytime running lights (DRL)

These are LEDs. For the replacement contact a dedicated Alfa Romeo Dealership.

Dipped/main beam headlights (versions with halogen headlights)

To replace the bulb, proceed as follows:

- ❑ steer the wheel completely;
- ❑ open the protective flap 2 fig. 117 by rotating the fixing screw;
- ❑ take out the electric connector 1 fig. 120 and then rotate the bulb holder 2 anticlockwise and remove it;
- ❑ remove the bulb and replace it;
- ❑ refit the new bulb, making sure that it is locked correctly, and reconnect the connector 1;
- ❑ close the protective flap 2 fig. 117.



120

A0L0093



TECHNICAL DATA

WEIGHTS

Versions	1750 Turbo Petrol
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	999
Payload including the driver: (*)	215
Maximum permitted loads (**)	
– front axle:	541
– rear axle:	747
– total:	1220
Towable loads (kg)	
– braked trailer:	0
– unbraked trailer:	0
Maximum load on roof:	0
Maximum load on ball joint (braked trailer):	0

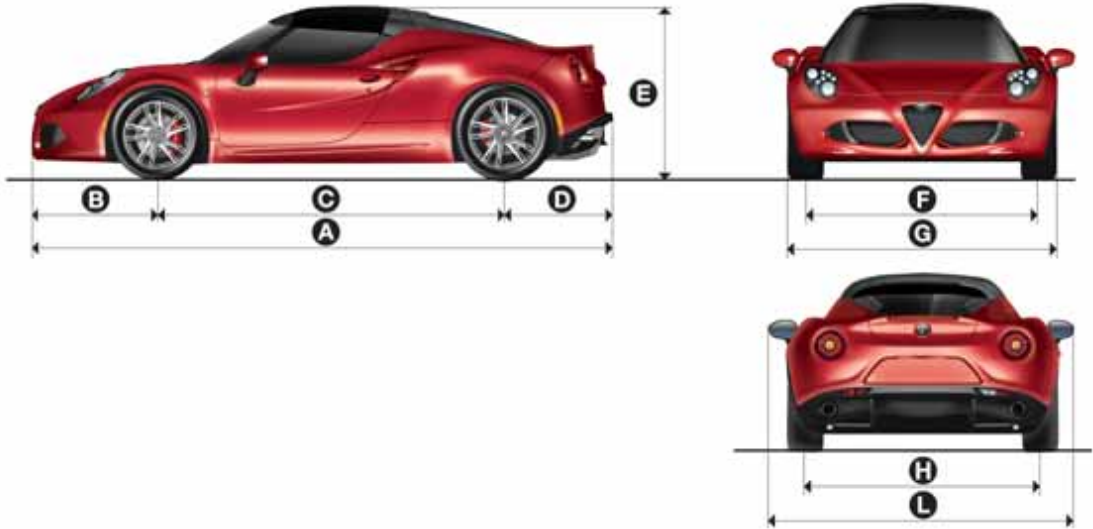
(*) If special equipment is fitted, the unladen vehicle weight increases, thus reducing the specified payload within the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment within the maximum permitted loads.

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres.
Height is measured with vehicle unladen.

BOOT VOLUME Unladen capacity (V.D.A. standards) = 110 dm³



121

A0L0205

A	B	C	D	E	F	G	H	L
3990	864	2380	746	1189	1639	1868	1606	2090



Spider

ABC

143

PERFORMANCE

Versions	Top speed (km/h)	Acceleration from 0-100 km/h (sec.)
1750 Turbo Petrol	257	4.5

ENGINE

GENERAL INFORMATION	1750 Turbo Petrol
Type code	960A100
Cycle	Otto
Number of cylinders and position	4 in line
Piston diameter and stroke (mm)	83 x 80.5
Total capacity (cm ³)	1742
Compression ratio	9.25 ± 0.25
Maximum power (EEC) (kW)	177 (*)
Maximum power (EEC) (HP)	240
- corresponding engine speed (rpm)	6000
Maximum torque (EEC) Nm	350 (*)
Maximum torque (EEC) (kgm)	35.7
- corresponding engine speed (rpm)	2100 - 4000
Spark plugs	NGK ILKAR7D6G
Fuel	Unleaded petrol 98 RON or 95 RON (EN 228 specifications)

(*) Values obtained using 98 RON unleaded petrol.

FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the type-approval tests laid down by specific European Directives.

The following procedures are used to measure the fuel consumption:

- ☐ urban cycle: cold starting followed by driving that simulates urban use of the car;
- ☐ extra-urban cycle: driving that simulates extra-urban use of the car, with frequent acceleration in all gears; the speed varies from 0 to 120 km/h;
- ☐ combined consumption: this is calculated with a weighting of about 37% urban cycle consumption and about 63% extra-urban consumption.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured.

Fuel consumption according to the current European directive (litres/100 km)

Versions	Urban	Extra-urban	Combined
1750 Turbo Petrol	10.1	5.1	6.9

EMISSIONS OF CO₂

The CO₂ emission levels shown in the following table refer to combined fuel consumption.

Versions	CO ₂ emissions as per the European directive in force (g/km)
1750 Turbo Petrol	161



Spider

ABC

IMPORTANT INFORMATION AND RECOMMENDATIONS



IMPORTANT

CIGAR LIGHTER

The cigar lighter gets very hot. Handle it carefully and make sure that children don't use it: risk of fire and/or burns.

ASHTRAY

Do not use the ashtray as a waste paper basket: it may catch fire in contact with cigarette stubs.

WHEELS AND TYRES

The road holding qualities of the car also depend on the correct inflation pressure of the tyres. If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.

Do not switch tyres from the left to the right side and vice versa, in order to prevent inversion of the rotation direction.

Do not repaint alloy wheel rims at temperatures higher than 150°C.

The mechanical characteristics of the wheels might be compromised.

The car is always equipped with front and rear wheels of different dimensions. It is not therefore possible to move the wheels from the front to the back and vice versa.

ACCESSORIES PURCHASED BY THE OWNER

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

CATALYTIC SILENCER

Under operating conditions, the catalytic converter becomes very hot. Therefore, do not park the car on flammable materials (grass, dry leaves, pine needles etc.) to avoid the risk of fire.



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and protection of your engine**.*

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Fully synthetic lubricant capable of meeting the needs of high performance engines. Studied to protect the engine also in high thermal stress conditions, it prevents deposits on the turbine to achieve the utmost performance in total safety.

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