OWNER HANDBOOK

Giulietta

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WHY CHOOSING GENUINE PARTS

We really know your car because we invented, designed and built it: we really know every single detail.
At **Alfa Romeo Service authorised workshops** you can find technicians directly trained by us, offering quality and professionalism for all service operations.
Alfa Romeo workshops are always close to you for the regular servicing operations, season checks and practical recommendations by our experts.
With Alfa Romeo Genuine Parts you keep the reliability, comfort and performance features of your new car unchanged in time: that's why you bought it for.
Always ask for Genuine Parts for the components used on our cars; we recommend them because they come from our steady commitment in research and development of highly innovative technologies.
For all these reasons: **rely on Genuine Parts, because they are the only ones designed by Alfa Romeo for your car.**

SAFETY:
BRAKING SYSTEM

ENVIRONMENT: PARTICULATE FILTERS,
CLIMATE CONTROL MAINTENANCE

COMFORT: SUSPENSION
AND WINDSCREEN WIPERS

PERFORMANCE: SPARK PLUGS,
INJECTORS AND BATTERIES

LINEACCESSORI
ROOF RACK BARS, WHEEL RIMS

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CHOOSING GENUINE PARTS IS THE MOST NATURAL CHOICE

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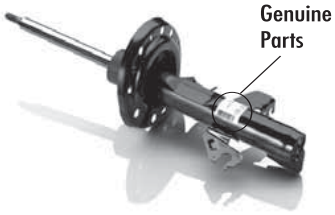
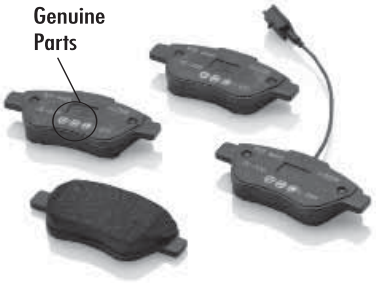
HOW TO RECOGNISE GENUINE PARTS

To recognise a **Genuine Part**, **check that the component bears our brands**, always clearly visible on Genuine Parts, from the braking system to windscreen wipers, from shock absorbers to air cleaner.
All **Genuine Parts** undergo **strict controls**, both during design and manufacturing stages, by specialists using **vanguard materials**, to **test the component reliability**.
This to guarantee **performance** and **safety** for you and your passengers on board, for a long time.
Always ask for and make sure a **Genuine Part** has been used.

Air cleaner



Shock absorber



Brake pads

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Dear Customer,

Congratulations on your purchase and thank you for choosing Alfa Romeo.

We have written this handbook to help you get the most out of your new car.

Please read it all the way through before taking your car on the road for the first time.

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

The booklet also provides a description of special features as well as tips and essential information for the correct care and maintenance of your Alfa Romeo and safe driving tips.

Please read the warnings and indications at the bottom; these are marked with the following symbols:

personal safety

car's wellbeing

environmental protection.

The enclosed Warranty Booklet lists the services that Alfa Romeo offers to its Customers:

– the Warranty Certificate with terms and conditions for maintaining its validity

– the range of additional services available to Alfa Romeo Customers.

We are confident that these instructions will help you become familiar with your new car and the Alfa Romeo after-sales staff who will be at your service.

Enjoy the read. Happy motoring!

This Owner Handbook describes all versions of Alfa Giulietta; please consider only the information relevant to your version, engine and configuration.
The data in this publication is provided by way of example. Fiat Group Automobiles can modify the specifications of the model described in this publication at any time, for technical or marketing purposes. For further information, contact an Alfa Romeo Authorised Service Provider.

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READ THIS CAREFULLY

REFUELLING

Petrol engines: refuel with unleaded petrol with an octane rating (RON) of 95 or higher only.

Diesel engines: refuel with diesel fuel compliant with European specification EN590 only. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, depending on the damage caused.

STARTING THE ENGINE

Petrol engines: make sure that the handbrake is engaged, set the gearshift lever to neutral, fully depress the clutch without pressing the accelerator, then turn the ignition key to AVV and release it as soon as the engine has started.

Diesel engines: turn the ignition key to MAR and wait for the and warning lights to turn off; turn the key to AVV and release it as soon as the engine starts.

PARKING ON FLAMMABLE MATERIAL

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

RESPECTING THE ENVIRONMENT

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

ELECTRIC ACCESSORIES

If after having purchased your car you decide to add accessories requiring electricity (that may otherwise cause the battery to gradually lose power), please contact Alfa Romeo Authorized Services. They can calculate the overall electric requirement and check that the car's electric system can support the required load

CODE CARD (for versions/markets where provided)

Keep this in a safe place, not in the car. We recommend that you always carry the electronic code provided on the CODE card with you, in case you need to perform an emergency start.

SCHEDULED SERVICING

Correct car maintenance is essential to ensure that the performance, safety features, environmental friendliness and low running costs stay in tip-top condition over the years.

THE OWNER HANDBOOK CONTAINS...

... information, tips and important warnings on the correct use and maintenance of your car over time. Pay special attention to the symbols (personal safety) (environmental protection) (car integrity).

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GETTING TO KNOW YOUR CAR

DASHBOARD

The presence and position of the controls, the instruments and the indicators may vary according to the versions.

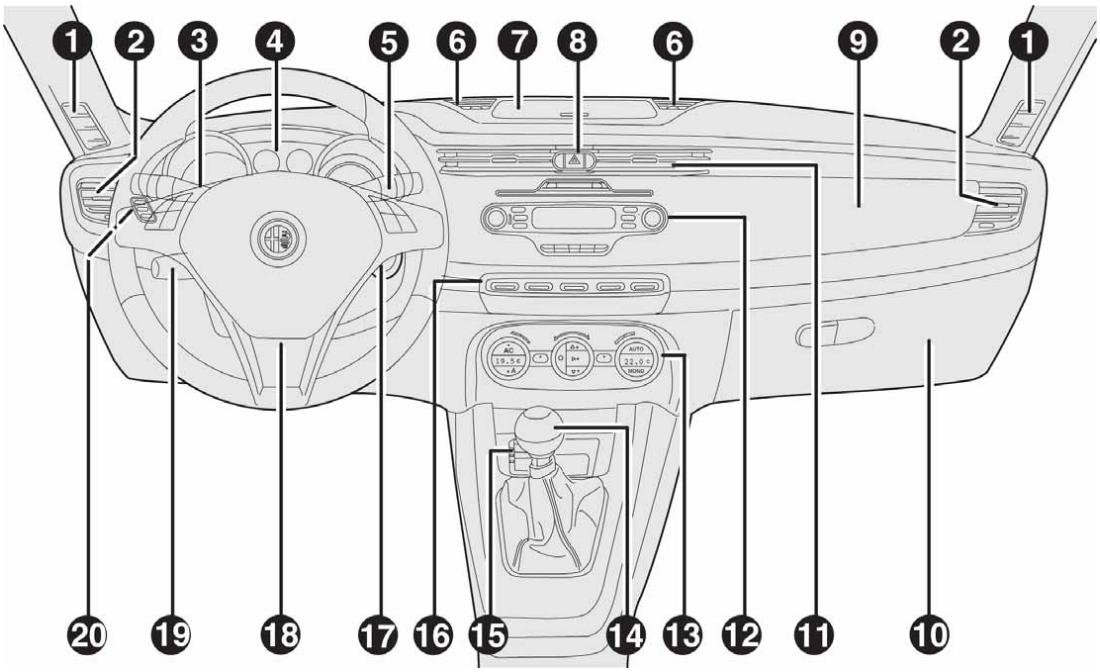

fig. 1

A0K0074m

1. Fixed vent for sending air to side windows - 2. Adjustable air vent - 3. External light control stalk - 4. Instrument panel - 5. Windscreen wiper/rear screen wiper/trip computer stalk - 6. Upper adjustable vents - 7. Radio navigator display (for versions/markets, where provided) - 8. Hazard lights - 9. Passenger front air bag - 10. Glove box - 11. Central adjustable air vents - 12. Radio (for versions/markets, where provided) - 13. Heating/ventilation/air conditioning controls - 14. Gear shifting stick - 15. "Alfa DNA" system - 16. Control buttons: fog lights/rear fog lights, Start&Stop system (for versions/markets, where provided), door lock/unlock, AFS light on/off (for versions/markets, where provided) -17. Ignition device - 18. Driver's front air bag - 19. Cruise Control stalk (for versions/markets, where provided) - 20. Headlight alignment corrector (for versions/markets, where provided) and Set Up Menu access button.

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CONTROL PANEL AND INSTRUMENTS

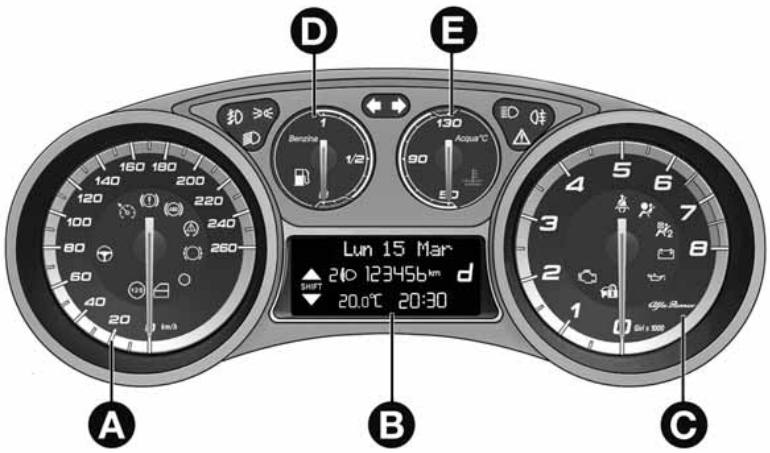

fig. 2

A0K0002m

VERSIONS WITH MULTIFUNCTION DISPLAY

A Speedometer (speed indicator)
B Multifunction display
C Rev counter
D Fuel gauge with reserve warning light
E Engine coolant temperature gauge with overheating warning light

Warning lights present on diesel versions only On diesel versions, the end of scale for the rev counter is 6000 rpm

IMPORTANT Instrument panel graphics lighting may vary according to the versions.

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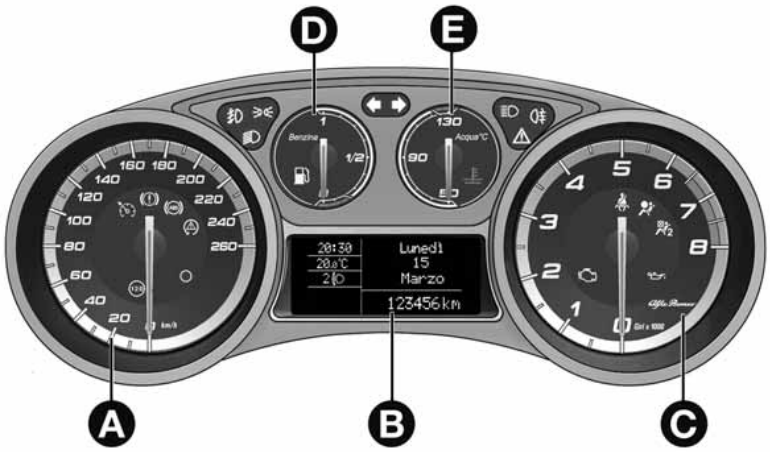

fig. 3

A0K0001m

VERSIONS WITH RECONFIGURABLE MULTIFUNCTION DISPLAY

A Speedometer (speed indicator)
B Reconfigurable multifunction display
C Rev counter
D Fuel gauge with reserve warning light
E Engine coolant temperature gauge with overheating warning light

Warning lights present on diesel versions only On diesel versions, the end of scale for the rev counter is 6000 rpm

IMPORTANT Instrument panel graphics lighting may vary according to the versions.

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SPEEDOMETER (SPEED INDICATOR)

This shows the speed of the car.

REV COUNTER

This indicates the engine rpm.

FUEL LEVEL GAUGE

This shows the amount of fuel left in the fuel tank.

0 - tank empty.

1 - tank full

The warning light in the gauge lights up when there are only 8 to 10 litres of fuel remaining in the tank; refuel at the earliest opportunity.

ENGINE COOLANT TEMPERATURE INDICATOR

This gauge indicates the temperature of the engine coolant. The warning light on the indicator lights up to indicate an increase in coolant temperature; in the event of this happening, switch off the engine and contact an Alfa Romeo Authorised Service Provider.

INSTRUMENT PANEL WARNING LIGHTS

General warnings

The warning lights come on in conjunction with a dedicated message and/or a buzzer where appropriate. These indications are brief and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Handbook, which you are recommended to read carefully in all cases. Always refer to the information in this chapter in the event of a failure signal.

Low brake fluid level (red)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. The warning light (or symbol on the display) comes on when the level of the brake fluid in the reservoir falls below the minimum level due to possible leaks in the circuit.
A specific message will be shown on the display.

Handbrake on (red)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. The warning light (or symbol on the display) comes on when the handbrake is on. If the car is moving a buzzer is also triggered.

IMPORTANT If the warning light comes on with the vehicle in motion, check that the handbrake is not engaged.

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EBD fault

Warning lights (!) (red) and (ABS) light up at the same time with the engine running to indicate an EBD system fault or that the system is not available. Early locking of the rear wheels may occur in the event of sharp braking, causing the car to swerve. Under these circumstances drive with extreme caution straight to the nearest Alfa Romeo Authorised Service Provider to have the system checked. A specific message appears on the display.

ABS system fault (amber)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. The warning light (or symbol on the display) lights up to indicate a system fault. Under these circumstances, the braking system will work as normal but without the extra performance offered by the ABS system. Drive with caution and visit an Alfa Romeo Authorised Service Provider at your earliest convenience. A specific message appears on the display.

Brake pads worn (amber)

(for versions/markets, where provided)

The warning light (or symbol on the display) switches on when the front and rear brake pads show signs of wear; under these circumstances have them replaced as soon as possible. The display will show the dedicated message.

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Air bag fault (red)

Turning the key to the MAR position illuminates the warning light, but it should switch off after a few seconds. The warning light stays on constantly if there is a fault in the air bag system. A specific message appears on the display.

If the warning light does not come on when the key is turned to MAR or if it stays on with the car in motion (together with the message on the display) there could be a fault in the restraint systems; under these circumstances, the air bags or pretensioners may not be deployed in the event of an impact or, more rarely, they could be deployed accidentally. Contact Alfa Romeo Authorized Services immediately to have the system checked.

Fault of the warning light is indicated by the warning light (passenger air bag off) flashing for longer than the normal 4 seconds. In addition, the air bag system automatically disables the air bags on the passenger's side (both front and side air bags, for versions/markets, where provided). In this case, warning light may not indicate that there is a fault in the restraint systems. Contact Alfa Romeo Authorized Services immediately to have the system checked.

Passenger air bag/side bags off (amber)

The warning light comes on when the front passenger's air bag and side bag are deactivated. With front passenger air bag on, when the ignition key is turned to MAR, the warning light comes on steadily for several seconds, it flashes for another few seconds and then it should go out.

Fault of the warning light is indicated by warning light coming on. In addition, the air bag system automatically deactivates the air bags on passenger side (both front and side air bags, for versions/markets, where provided). Contact Alfa Romeo Authorized Services immediately to have the system checked.

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Seat belt reminder (red)
(for versions/markets 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 flash and a buzzer will sound if the vehicle is in motion and the front seat belts are not correctly fastened.
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 setup Menu.

Low battery charge (red)
(for versions/markets where provided)

The warning light comes on when the ignition key is turned to MAR, but it should go out as soon as the engine has started (with the engine running at idle speed a brief delay before going out is acceptable).
Contact Alfa Romeo Authorized Services if the warning light (or symbol on the display) remains only or blinks.

Dual Pinion active steering failure (red) (for versions/markets, where provided)

The warning light comes on when the ignition key is turned to MAR, but it should switch off after a few seconds. If the warning light (or symbol on the display) remains on, you may not have steering assistance and the effort required to operate the steering wheel could be notably increased; steering is, however, possible. If this occurs, contact Alfa Romeo Authorized Services. The display will show a dedicated message.

IMPORTANT The steering system will need to be initialised after disconnecting the battery. A warning light will come on to indicate this. Simply turn the steering wheel all the way to one end or simply drive on a straight line for a few hundred metres.

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ON CONSTANTLY: **Low engine oil pressure** (red)
FLASHING: **Exhausted engine oil**
(for versions/markets, where provided - red)

When the ignition key is turned to MAR, the warning light switches on, but it should go out as soon as the engine is started.

1. Low engine oil pressure

The warning light turns on constantly along with a message on the display (for versions/markets where provided) when the system detects that engine oil pressure is low.

If the warning light turns on when the car is travelling (on some versions, together with the message on the display), stop the car immediately and contact Alfa Romeo Authorized Services.

2. Exhausted engine oil

(for versions/markets, where provided)

The warning light comes on flashing and a specific message will appear on the display (for versions/markets where provided). The warning light may flash in the following ways, depending on the versions:

- for 1 minute every two hours;
- for three minute cycles with the warning light off for intervals of five seconds until oil is changed.

After the initial warning, each time the engine is started up, the warning light will continue to flash in the same ways as described above, until the oil is changed. A specific message will appear on the display (for versions/markets where provided) in addition to the warning light.
Flashing of the warning light is not a fault but indicates that the oil needs to be changed as a consequence of normal use.

Note that engine oil degrades faster under the following circumstances:

- mainly urban use of the car , requiring more frequent regeneration of the DPF;
- use of the car for short drives, in which the engine does not have time to reach its regular operating temperature
- repeated interruptions to the regeneration process signalled by the DPF warning light coming on.

Exhausted engine oil should be replaced as soon as possible after the warning light comes on, and never more than 500 km after it first comes on. Failure to comply with the instructions above may result in severe damage to the engine and invalidate the warranty. Remember that the operation of this warning light is not related to the amount of oil in the engine. Therefore, do not simply top up when the light starts flashing.

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Hot engine coolant (red)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. The warning light turns on when the engine is overheated. A specific message will be shown on the display.

If the warning light comes on, proceed as follows:

- when driving normally: stop the car, switch off the engine and check that the water level in the reservoir is not below the MIN mark. If it is not, wait for a few minutes 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. Also visually check for leaks. If the warning light comes on again at the next engine start-up, contact Alfa Romeo Authorized Services.
- if the car is used under demanding conditions (e.g. towing trailers uphill or fully loaded): slow down and, if the light stays on, stop the car. Stop for two or three minutes with the engine running and slightly accelerated to assist better coolant circulation. Then switch the engine off. Check correct fluid level 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.

Door open (red)

(for versions/markets, where provided)

The warning light (or symbol on the display) comes on when one or more doors or the boot are not perfectly closed. An acoustic signal is activated with the doors open and the car moving. On some versions, the warning light (or symbol on the display) also lights up when the bonnet is not perfectly closed.

EOBD/injection system fault (amber)

Under normal conditions, the warning light comes on when the ignition key is turned to MAR, but should go off as soon as the engine is started.

If the warning light remains on or comes on whilst driving, that 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.

A specific message is displayed on certain versions.

Under these conditions, you can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the car with the warning light on may cause damage. Contact Alfa Romeo Authorized Services as soon as possible.

The warning light goes out after the fault disappears, but the indication is stored in the system.

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NOTE (petrol engines only)

If the warning light is flashing, this indicates that the catalytic converter may be damaged.

If the warning light comes on intermittently, release the accelerator pedal to lower the speed of the engine until the warning light stops flashing; continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing and contact an Alfa Romeo Authorised Service Provider as soon as possible.

Contact Alfa Romeo Authorized Services as soon as possible if the warning light does not light up or if, while travelling, the warning light comes on either fixed or blinking (in combination with a message on the display on some versions). The operation of the warning light may be checked by traffic police using appropriate equipment. Follow the laws in force in the country where you are driving.

VDC system (amber)

(for versions/markets, where provided)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. If the warning light does not go out, or if it remains lit up when driving, contact Alfa Romeo Authorized Services. A specific message is displayed on certain versions. The warning light will flash while driving to indicate that the VDC system is intervening.

ASR fault

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. If the warning light does not go out, or if it remains lit up when driving, contact Alfa Romeo Authorized Services. A specific message is displayed on certain versions. The warning light will flash while driving to indicate that the ASR system is intervening.

Hill Holder fault

This warning light comes on, on some versions together with the symbol and a message in the display, in the event of a Hill Holder system fault. In this case, contact your nearest Alfa Romeo Authorized Services.

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Alfa Romeo CODE fault/ alarm fault (amber)

(for versions/markets, where provided)

The 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(for versions/markets, where provided): In this case, contact Alfa Romeo Authorized Services.

Break-in attempt

If this warning light flashes or, on some versions, if the symbol appears in the display (together with the associated message) this indicates a break-in attempt. Contact Alfa Romeo Authorized Services as soon as possible.

Glow plug preheating (diesel versions) (amber)

When the key is turned to MAR, the warning light comes on and it will go out when glow plugs reach the preset temperature. THE engine may be started immediately after the warning light goes out.

IMPORTANT In mild or high temperature conditions, the warning light comes on for a very short time only.

Glow plugs preheating fault (diesel versions)

The warning light will flash (a message in the display will appear on the display, on some versions) to indicate a fault in the glow plugs preheating system. Contact Alfa Romeo Authorized Services as soon as possible to eliminate the fault.

Water in fuel filter (diesel versions) (amber)

The warning light remains on constantly when driving (together with a message in the display), to indicate the presence of water in the diesel fuel filter.

The presence of water in the fuel system circuit may cause severe damage to the injection system and irregular engine operation. If the warning light comes on in the instrument panel (together with a message in the display) contact Alfa Romeo Authorized Services as soon as possible to bleed the system. Water may have entered the tank if this appears immediately after refuelling: if this happens, switch the engine off immediately and contact Alfa Romeo Authorized Services.

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Fuel reserve – Limited range (amber)

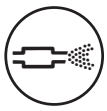
This warning light comes on when about 8 to 10 litres of fuel are left in the tank. A warning message will appear on the display (some versions only) when the remaining range less than approximately 50 km (or equivalent in miles).

If the warning light flashes with the car in motion, contact Alfa Romeo Authorized Services.

Cruise Control (green)

(for versions/markets, where provided)

The 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). A specific message appears on the display.



DPF (particulate trap) cleaning in progress (diesel versions with DPF only) (amber)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds. The warning light stays on constantly to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) by the regeneration process.

The warning light does not come on during every DPF regeneration, but only when driving conditions require notification to the driver. The warning light will go off if the car stays in motion until regeneration has been completed.

The process normally takes about 15 minutes. Optimal conditions for completing the process are achieved by travelling at 60 km/h with engine revs above 2000 rpm.

Operation of this warning light does not indicate a fault and the car does not need to be taken to a workshop. A specific message will appear on the display when the warning light comes on (for versions/markets where provided).

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Always drive at a speed appropriate to the traffic conditions, the weather and the laws in force. The engine may be turned off while the DPF light is on; however, repeated interruption of the regeneration process may result in premature degradation of the engine oil. For this reason, it is always advisable to wait for the light to go off before turning off the engine, following the instructions appearing above. It is not a good idea to complete DPF regeneration with the vehicle stationary.

Speed limit exceeded (red)
(for versions/markets, where provided)

The warning light (for versions/markets where provided) comes on when the speed exceeds 120 km/h. When the car exceeds the speed limit set in the setup Menu (e.g. 120 km/h), on some versions a message and a symbol are shown in the display and an acoustic signal is activated.

Generic fault (amber)
(for versions/markets, where provided)

The warning light turns on in the following circumstances: Contact Alfa Romeo Authorized Services as soon as possible to eliminate the fault.

Exterior lights fault

See the section on warning light ☼.

Brake lights fault

See description in the "Brake lights fault" section.

Fuel cut-off

This warning light comes on when the fuel cut-off inertia switch is triggered. A specific message will be shown on the display.

Start&Stop fault
(for versions/markets, where provided)

The warning light comes on when a fault is detected in the Start&Stop system.

Rain sensor fault
(for versions/markets where provided)

The warning light comes on when a rain sensor fault is detected.

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Parking sensor fault
(for versions/markets where provided)

See the section on warning light P.

Rain sensor fault
(for versions/markets where provided)

This warning light comes on when a dusk sensor fault is detected.

AFS adaptive lights fault
(for versions/markets, where provided)

The warning light comes on when an AFS adaptive light fault is detected (see "AFS adaptive lights" in this chapter). A specific message will be shown on the display.

Anti-pinch system fault

The warning light will come on when an anti-pinch system fault is detected. A specific message will be shown on the display.

Engine oil pressure sensor fault

The warning light turns on when an engine oil pressure sensor fault is detected. A specific message will be shown on the display.

Rear fog lights (amber)

The warning light comes on when the rear fog lights are on. The LED over 4 button will also light up.

Fog lights (green)

The warning light comes on when the fog lights are on. The LED over 5 button will also light up.

Side lights (green)

This warning light comes on when the side lights are turned on.

Follow me home (green)

The warning light comes on (in combination with a message on the display) when this device is used (see "Follow me home device" in this chapter).

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Dipped beam headlights (green)

The warning light comes on when the dipped beam headlights are on.

Main beam headlights (blue)

The warning light comes on when the main beam headlights are on.

Left direction indicator (green)

This warning light comes on when the direction indicator stalk is moved downwards or when the hazard warning light button is pressed.

Right direction indicator (green)

The warning light comes on when the direction indicator stalk is moved upwards or when the hazard warning light button is pressed.

Start&Stop system on/off
(for versions/markets, where provided)

Start&Stop system fault

Turning the Start&Stop system on

A message will appear on the display when the Start&Stop system is on. The LED on the button on control panel in the dashboard (see "Start&Stop system" in this chapter) is off.

Turning the Start&Stop off

- Versions with multifunction display: a message will appear on the display when the Start&Stop system is off.
- Versions with reconfigurable multifunction display: The symbol and a message will appear on the display when the Start&Stop system is off.

The LED on the button will be on when the system is off.

Start&Stop system fault

Symbol (versions with multifunction display) or (versions with reconfigurable multifunction display) will flash to indicate a Start&Stop system fault. For versions/markets, where provided, a message is also displayed. In this case, contact Alfa Romeo Authorized Services.

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Boot open

On some versions, a message + symbol on the display are shown when the boot is open.

Bonnet open

On some versions, a message + symbol on the display are shown when the bonnet is open.

Possible presence of ice on the road

On versions equipped with reconfigurable multifunction display, a message + symbol will appear when the outdoor temperature falls to or below 3°C.
On versions with multifunctional display, only the message is shown.

IMPORTANT In the event of outdoor temperature sensor fault, dashes are shown on the display instead of the value.

Fuel cut-off

On some versions the display will show a message + symbol if the fuel cut-off trips. For the fuel cut-off system reactivation procedure see paragraph "Fuel cut-off system" in this chapter.

Exterior lights fault

On some versions, a message + symbol will appear on the display if a fault is detected in one of the following lights:

– daytime lights (DRL)
– sidelights/taillights
– direction indicators
– rear fog lights
– number plate lights.

The fault relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electric connection.

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Brake lights fault

On some versions, a message + symbol will appear on the display if a brake light fault is detected. The fault may be caused by a blown bulb, a blown protection fuse or an interruption of the electric connection.

Rain sensor fault
(for versions/markets where provided)

On some versions, a message + symbol will be shown on the display if a dusk sensor fault is detected.

Rain sensor fault
(for versions/markets where provided)

On some versions, a message + symbol will appear on the display if a rain sensor fault is detected.

Parking sensor fault
(for versions/markets where provided)

On some versions, a message + symbol will be shown on the display if a parking sensor fault is detected.

Drive mode display ("Alfa DNA" system)
(for versions/markets, where provided)

On versions equipped with a reconfigurable multifunction display, a message + symbol associated with the selected driving mode - "DYNAMIC", "NORMAL" or "ALL WEATHER" - is shown. A warning message is shown on the display if one of these driving modes is not available.
On versions equipped with multifunction display, a letter (d or a) associated with the selected driving mode is shown together with a dedicated message.

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DISPLAY

The car may be equipped with a multifunction display/multifunction reconfigurable display which, in accordance with the settings made, can display useful information when driving.

With the ignition key removed, the display lights up and shows the time and total odometer reading (in km or miles) for a few seconds when a door is opened/closed.

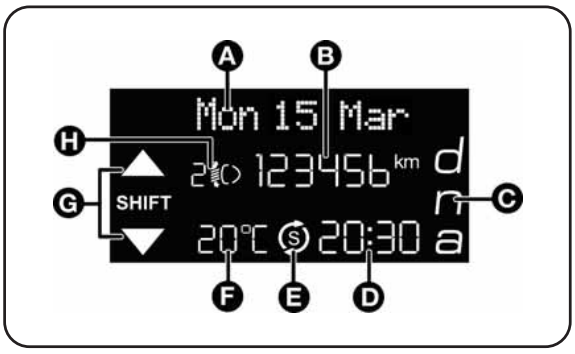

fig. 6

A0K1222g

MULTIFUNCTION DISPLAY "STANDARD" SCREEN fig. 6

The following information is shown on the display:

A. Date
B. Odometer (distance covered in km or miles)
C. Driving mode selected using "Alfa DNA" (dynamic control system) (for versions/markets, where provided)
   — d = Dynamic
   — n = Normal
   — a = All Weather
D. Time (always displayed, even with the key extracted and the front doors closed)
E Start&Stop function indicator (for versions/markets, where provided)
F. Outside temperature
G Gear Shift Indicator (for versions/markets where provided)
H. Headlight alignment position (dipped headlamps on only)

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RECONFIGURABLE MULTIFUNCTION "STANDARD" DISPLAY fig. 7

The following information is shown on the display:

A. Time
B. Trip meter (km or miles)
C. Odometer (display of distance travelled in kilometres/miles)
D. State indicator (e.g. doors open, ice on road, etc.)/Start&Stop function indicator (for versions/markets, where provided)/ Gear Shift Indicator (for versions/markets, where provided)
E. Headlamp alignment position (only with dipped headlamps on).
F. Outside temperature

The turbocharger pressure will appear on some versions when "DYNAMIC" driving mode is selected (see "Alfa DNA system" in this chapter), fig. 8.

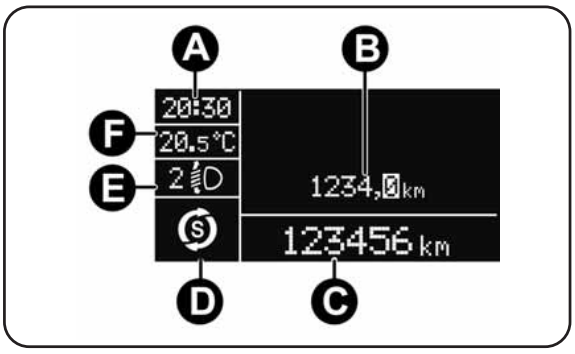

fig. 7 A0K0005m

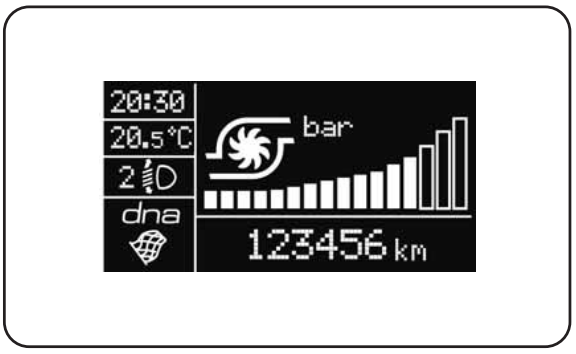

fig. 8 A0K0006m

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GEAR SHIFT INDICATOR

The GSI system (Gear Shift Indicator) suggests to shift gear by showing an indication on the control panel (see fig. 9).
Shifting when indicated by GSI will help the driver save fuel.
For fuel-effective driving, select Normal or All Weather mode and follow the suggestions of the Gear Shift Indicator where possible.

When the SHIFT UP icon (▲ SHIFT) appears on the display, the GSI is suggesting to select a higher gear and when the SHIFT DOWN (▼ SHIFT) icon it is suggesting that a lower gear should be selected.

NOTE The indication on the instrument panel stays on until the driver shifts or until the driving conditions return to a situation in which shifting is not required to reduce consumption.

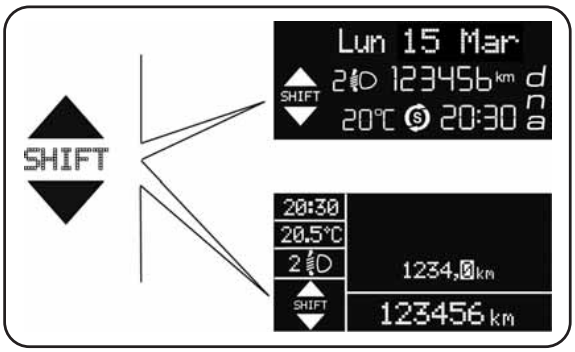

fig. 9 A0K0050m

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WELCOME MOVEMENT

On some versions, the following occurs when the key is turned to MAR:

- ❍ quick movement (up and down) of the speedometer and rpm gauge;
- ❍ illumination of graphic symbols/display;
- ❍ an animated graphic representation of the vehicle profile appears on the display.

Gauge movement

- ❍ If the key is removed from the ignition switch whilst the gauges are moving, they immediately return to their initial position.
- ❍ Once they have reached the end-of-scale values the gauges rest on the value indicated by the car.
- ❍ The movement of the gauges stops when the engine is started.

Illumination of graphic symbols/display

A few seconds after the key is inserted, the gauges, graphic symbols and display light up in sequence.

Graphic animation display

When the key is removed from the ignition switch (with the doors closed), the display remains lit up and shows a graphic animation. The display illumination is then dimmed gradually until it goes out completely.

CONTROL BUTTONS fig. 10

≡D ▲: To scroll up the screen and the menu options or increase the displayed value.

"SET ESC": Briefly press to access the menu and/or go to the next screen or confirm your choice. Hold down to go back to the standard screen.

≡D ▼: To scroll down the screen and the menu options or decrease the displayed value.

IMPORTANT Buttons "≡D ▲" and "≡D ▼" activate different functions in the following situations:

- ❍ to scroll the menu options upwards and downwards;
- ❍ to increase or decrease values during settings.

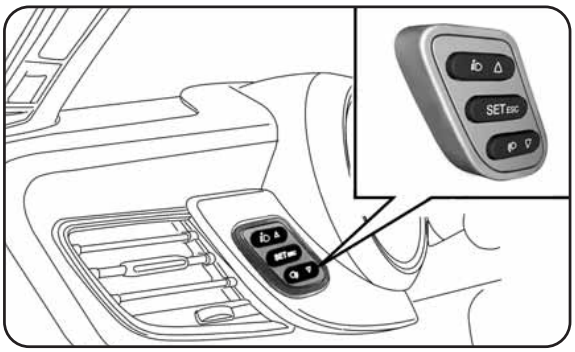

fig. 10 A0K0094m

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SETUP MENU

The menu comprises a series of items which can be selected using the "▲" and "▼" buttons to access the different selection and setting operations illustrated in the following paragraphs. Some items also have a sub-menu.
The menu can be activated by briefly pressing the SET ESC button.

The menu includes the following items:
– MENU
– SPEED BEEP
– HEADLIGHT SENSOR (for versions/markets, where provided)
– RAIN SENSOR (for versions/markets where provided)
– ON/TRIP B DATA
– SET TIME
– SET DATE
– FIRST PAGE (for versions/markets where provided)
– SEE RADIO
– AUTOCLOSE
– MEASURES
– LANGUAGE
– ALERTS VOLUME
– BUTTONS VOLUME
– SEAT BELT REMINDER
– SERVICE
– PASSENGER AIR BAG
– DAY LIGHTS
– COURTESY LIGHTS
– MENU EXIT

NOTE Some menu items are shown on the navigator display in models equipped with radio-navigation systems (for versions/markets, where provided).

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Selecting an option from the main menu without a submenu:

– briefly press SET ESC to select the main menu option you wish to set;

– repeatedly press "▲" or "▼" to select the new setting;

– press the SET ESC button to store the new setting and go back to the previous main menu option.

Selecting an option from the main menu with a submenu:

– press the SET ESC button to display the first submenu option;

– repeatedly press "▲" or "▼" to scroll through all the submenu options;

– briefly press the SET ESC button to select the displayed submenu option and open the relevant setup menu;

– repeatedly press "▲" or "▼" to select the new setting of this submenu item;

– briefly press the SET ESC button to store the new setting and go back to the previous submenu option.

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MENU ITEMS

Menu

This item is used access the Setup Menu.
Press "▲" or "▼" to select the various menu items.
Hold down the SET ESC button to return to the standard screen.

Speed warning (speed limit)

With this function is possible to set the car speed limit (km/h or mph); when this limit is exceeded the driver is alerted. To set the desired speed limit, proceed as follows:

– briefly press the SET ESC button: the display shows the words Speed Beep;

– press button "▲" or"▼" to activate (On) or deactivate (Off) the speed limit;

– if the function is on, press "▲" or "▼" to select the required speed limit and then press SET ESC to confirm;

IMPORTANT Setting is possible between 30 and 200 km/h, or 20 and 125 mph, according to the previously stored unit. See the "Measures" paragraph described below. The setting will increase/decrease by five units each time button ▲/▼ is pressed. Hold down ▲/▼ button to increase/decrease the setting rapidly. Complete the setting by repeatedly pressing the button when you approach the required value.

– briefly press the SET ESC button to go back to the menu screen or hold the button to go back to the standard screen without saving.

To cancel the setting, proceed as follows:

– briefly press the SET ESC button: ON flashes in the display;
– press ▼ button: OFF flashes in the display;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

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Headlight sensor (Automatic headlight/dusk sensor sensitivity adjustment)
(for versions/markets, where provided)

This function is used to turn the headlights on or off according to external lighting conditions.

The dusk sensor sensitivity can be adjusted according to 3 levels (level 1= minimum sensitivity, level 2= average sensitivity, level 3= maximum sensitivity); the greater the sensitivity set, the less the external light variation needed to control turning on the lights (e.g. with a setting on level 3 at sunset the headlights are expected to come on in relation to levels1 and 2).

Proceed as follows to set:

– briefly press SET ESC: the previously set brightness level flashes in the display;

– press "▲" or "▼" to select;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

Rain sensor (sensitivity adjustment)
(for versions/markets where provided)

This function is used to adjust the rain sensor sensitivity to four levels.

To set the required sensitivity level, proceed as follows:

– briefly press SET ESC button: the previously set sensitivity level will flash on the display;

– press "▲" or"▼" to select;

– press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

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On/Trip B data (trip B on)

With this function is possible to turn the Trip B display (trip meter) on and off. For more information see the "Trip computer" paragraph.

For activation/deactivation, proceed as follows:

– briefly press the SET ESC button again: the display flashes On or Off depending on what was previously set;

– press "▲" or "▼" to select;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

Set time (Clock)

With this function is possible to set the clock through two submenus: "Time" and "Format".

To carry out the adjustment, proceed as follows:

– briefly press SET ESC button: the display shows the two submenus "Time" and "Format";

– press "▲" or"▼" to go from one submenu to the next;

– once you have selected a submenu, briefly press SET ESC;

- when accessing the "Time" submenu: brefly pressing SET ESC button: the minutes flash in the "time" mode;

– press "▲" or"▼" to select;

– brefly press SET ESC button: "the minutes" flash in the display;

– press "▲" or"▼" to select.

IMPORTANT The setting will increase or decrease by one unit each time "▲" or "▼" is pressed. Hold the button down to increase/decrease the setting rapidly. Complete the setting by repeatedly pressing the button when you approach the required setting.

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– when accessing the "Format" submenu: briefly press button SET ESC: the previously set display format will flash on the display;

– press "▲" or "▼" to select the "24h" or "12h" mode.

When you have made the required adjustments, briefly press SET ESC button to go back to the submenu screen or hold the button down to go back to the main menu screen without saving.

– press SET ESC button again to go back to the standard screen or main menu, depending on which point in the menu you have reached.

Set date

With this function is possible to change the date (day - month - year).

To update, proceed as follows:

– briefly press SET ESC button: the "year" flashes on the display;

– press "▲" or"▼" button to select;

– briefly press SET ESC: the "month" flashes on the display;

– press "▲" or"▼" to select;

– briefly press SET ESC: the "day" flashes on the display;

– press "▲" or"▼" button to select.

IMPORTANT The setting will increase or decrease by one unit each time "▲" or "▼" button is pressed. Hold the button down to increase/decrease the setting rapidly and automatically. Complete the setting by single pressing the button when you approach the required value.

– press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

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First page (information display on home page)

(for versions/markets, where provided)

This function is used to choose the information you would like to see on the main screen. You can view the date or the trip meter.

To make your choice, proceed as follows:

– briefly press SET ESC button: "First page" will appear on the display;

– briefly press SET ESC button again to show the display options: "Date" and "Engine info";

– press "▲" or"▼" button to select the information you wish to see on the main page of the display;

– briefly press SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

When the key is turned to MAR and the initial check stage is over, the display will show the information selected via the "First page" menu function.

See radio (audio information display)

This function is used to shows information relating to the car radio on the display.

– Radio: selected radio station frequency or RDS message, automatic tuning activation or AutoSTore;

– Audio CD, MP3 CDs: track number;

– CD Changer: CD number and track number;

To show the car radio information on the display (on) or not (off), proceed as follows:

– briefly press the SET ESC button: the display flashes On or Off depending on the previous setting;

– press "▲" or "▼" to select;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

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Autoclose (Automatic door lock operation with car running)

When activated (on), this function automatically locks the doors when the vehicle speed exceeds 20 km/h.

Proceed as follows to switch this function on or off:

– briefly press the SET ESC button to display a submenu;

– briefly press the SET ESC button again: the display flashes On or Off depending on what was previously set;

– press "▲" or "▼" button to select;

– briefly press SET ESC button to go back to the submenu screen or hold the button down to go back to the main menu without saving.

– hold down SET ESC again to go back to the standard screen or main menu, depending on which point in the menu you have reached.

Measures (Setting the unit of measurement)

With this function is possible to set the unit of measurement in three submenus: "Distance", "Consumption" and "Temperature".

To set the desired unit, proceed as follows:

– briefly press SET ESC button to display the three submenus;

– press "▲" or"▼" button to go from one of the three submenus to the next;

– once you have selected a submenu, briefly press SET ESC button;

– if the submenu "Distances" is entered: by briefly pressing SET ESC the display shows "km" or "mi" depending on the previous setting;

– press "▲" or "▼" button to select;

– if the "Consumption" submenu is entered: by briefly pressing SET ESC button the display shows "km/l", "l/100km" or "mpg" depending on the previous setting.

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If the distance unit set is “km”, you can set the fuel consumption unit (km/l or l/100) to show the amount of fuel consumed.

If the distance unit is set to mi, fuel consumption is displayed in “mpg”.

– press “▲” or “▼” to select;

– if the “Temperature” submenu is entered: by briefly pressing SET ESC button the dispaly shows °C or °F depending on the previous setting;

– press “▲” or “▼” to select;

When you have made the required adjustments, press SET ESC button to go back to the submenu screen or hold the button down to go back to the main menu screen without saving.

– hold down SET ESC button again to go back to the standard screen or main menu, depending on which point in the menu you have reached.

Language (Selecting the language)

Display messages can be shown in different languages: Italian, English, German, Portuguese, Spanish, French, Dutch, Turkish and Brazilian Portuguese.

To set the required language, proceed as follows:

– briefly press SET ESC button: the previously set language flashes in the display;

– press “▲” or “▼” to select;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

Warnings volume (Adjusting the alert/warning acoustic signal volume)

With this function is possible to adjust (to eight levels) the volume of the acoustic signal which sounds in the event of alerts and warning.

To set the desired volume, proceed as follows:

– briefly press SET ESC button: the previously set volume level flashes in the display;

– press “▲” or“▼” to select;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

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Button volume (Button volume adjustment)

With this function it is possible to adjust (to eight levels) the volume of the acoustic signal sounding when the MENU SET button is long pressed to exit a sub-menu and return to the standard menu.

To set the desired volume, proceed as follows:

– briefly press the SET ESC button: the previously set volume level will be displayed;

– press the button "▲" or "▼" to adjust the volume; an acoustic signal equal to the volume level being selected is sounded during this adjustment;

– briefly press the SET ESC button to go back to the previous screen or hold the button down to go back to the standard screen without saving.

On versions with reconfigurable multifunction display, the volume level is represented by bars.

Belt reminder (Buzzer/reactivation for S.B.R. signally) (for versions/markets, where provided)

This function will only be displayed after the S.B.R. system has been deactivated by an Alfa Romeo Authorised Service Provider (see "S.B.R. system" in chapter 2).

Service (Service schedule)

With this function is possible to view information on servicing deadlines depending on kilometres travelled or daily intervals. The Service function also shows the interval (in kilometres or miles) before the next engine oil change is due.

This information can be consulted as follows:

– briefly press the SET ESC button, which makes the display show the service interval in km or mi according to the previous setting (see "Distance measures" paragraph); press the SET ESC button to return to the menu screen or hold the button down to return to the standard screen.

IMPORTANT According to the "Planned Maintenance Programme", the car must be serviced every 30,000 km (1.4 petrol versions) or 35,000 km (1750 Turbo petrol and diesel versions). This message is displayed automatically when the key is turned to MAR, from 2,000 km (or equivalent value in miles) when the next service is due and is displayed again every 200 km (or equivalent value in miles). Below 200 km the signals become more frequent. The indication will appear in kilometres or miles depending on the unit of measurement settings. When the next scheduled service is approaching and the key is turned to MAR, the word Service will appear on the display, followed by the number of kilometres or miles left. Contact Alfa Romeo Authorized Services where the "Planned Maintenance Programme" operations will be performed and the message will be reset.

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Front passenger air bag and side bag (Chest/pelvis protection) Activation/Deactivation

This function is used to activate/deactivate the passenger air bag.

Proceed as follows:

– press SET ESC and, after the message Bag pass: Off (to deactivate) or Bag pass On (to activate) is displayed by pressing "▲" buttons and "▼" , press SET ESC again;

– the confirmation request message appears in the display;

– press "▲" or "▼" to select Yes (confirming activation/deactivation) or No (to cancel);

– briefly press SET ESC button to confirm the setting and go back to the menu screen or hold the button down to go back to the standard screen without saving.

Day Lights (DRL)

With this function is possible to turn the day lights on and off. Proceed as follows to switch this function on or off:

– briefly press the SET ESC button to display a submenu;

– briefly press the SET ESC button again: the display flashes On or Off depending on what was previously set;

– press "▲" or "▼" button to select;

– briefly press SET ESC button to go back to the submenu screen or hold the button down to go back to the main menu without saving.

– hold down SET ESC button again to go back to the standard screen or main menu, depending on which point in the menu you have reached.

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Courtesy lights (courtesy lights activation/desactivation)

(for versions/markets, where provided)

With this function is possible to turn on the side lights, the number plate lights and the ceiling lights for approximately 25 seconds when the doors or boot are opened using the remote control, with the following exceptions:

- ❍ interruption after 5 seconds after closing a door
- ❍ interruption after locking operation using the remote control
- ❍ interruption following any operation using the remote control

Proceed as follows to turn the function on/off:

– briefly press SET ESC button: "On" or "Off" will flash on the display (according to previous setting);

– press "▲" or "▼" to select;

– briefly press the SET ESC button to go back to the menu screen or hold the button down to go back to the standard screen without saving.

Exit menu

This function closes the settings listed on the menu screen. Briefly press SET ESC button to go back to the standard screen without saving. Briefly pressing ▼ button the display will go back to the first menu item.

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TRIP COMPUTER

GENERAL INFORMATION

The Trip Computer displays information on car operation when the key is turned to MAR. This function is composed by separate trips, called "Trip A" and "Trip B" which can monitor the entire mission (journey) in a reciprocally independent manner.
Both trips can be reset (start of a new journey).

"Trip A" is used to display the figures relating to:

– Autonomy

– Distance travelled

– Average consumption

– Current consumption

– Average speed

– Travel time (driving time). With the function

"Trip B" is possible to display the figures relating to:

– Distance travelled B

– Average consumption B

– Average speed B

– Journey time B (driving time).

"Trip B" may be turned off (see "Trip B on" paragraph). "Range" and "Instant consumption" parameters cannot be reset.

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Values displayed

Autonomy

This indicates the approximate distance which can be travelled with the present amount of fuel in the tank.

The display will show the reading "----" when the following events take place:

— range is lower than 50 km (or 30 mi)

— car left parked with engine running for a long time.

IMPORTANT The autonomy value variation can be affected by several factors: driving style, type of route (motorway, towns and cities, mountain roads, etc.), conditions of use (load, tyre pressures, etc.). Take these factors into account when planning a trip.

Distance travelled

This shows the distance covered from the start of the new journey.

Average consumption

This value is the approximate average fuel consumption from the start of the new journey.

Current consumption

This indicates fuel consumption. The value is constantly updated. The message "----" will appear on the display if the car is parked with the engine running.

Average speed

This value shows the average speed based on the overall time elapsed since the start of the new journey.

Journey time

Time elapsed since the start of the new journey.

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Displayed information

The following information is shown each time a value is displayed:

- animated icon in the upper part of the display (A-fig. 11);
- word "Trip" (or "Trip A" or "Trip B") (B);
- name, value and unit of measure of the selected parameter (e.g. "Range 1500km") (C).

After a few seconds the name and value of the selected parameter are replaced by an icon (see fig. 12).

The icons relating to the various parameters are the following:

- "Autonomy";
- "Average fuel consumption A" (if Trip A is active, or "B" if Trip B is active);
- "Distance A" (if Trip A is active, or "B" if Trip B is active);
- "Current consumption";
- "Average speed A" (if Trip A is active, or "B" if Trip B is active);
- "Trip time A" (if Trip A is active, or "B" if Trip B is active);

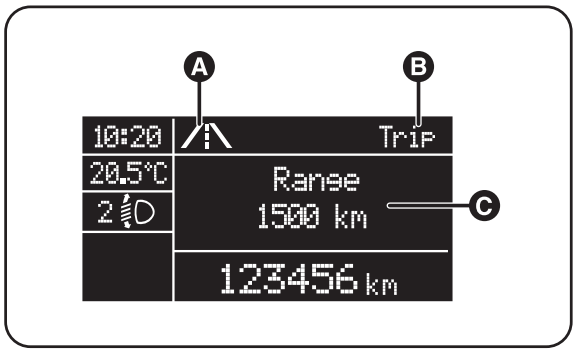

fig. 11 A0K1223g

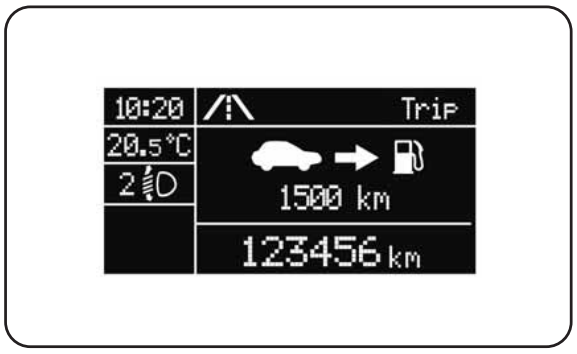

fig. 12 A0K0007m

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TRIP button 0.00

This is located on the right stalk (fig. 13). With the ignition key turned to MAR, this button displays the values described above and resets then before a new mission:

– short press: values display;

– long press: values reset and start of a new mission.

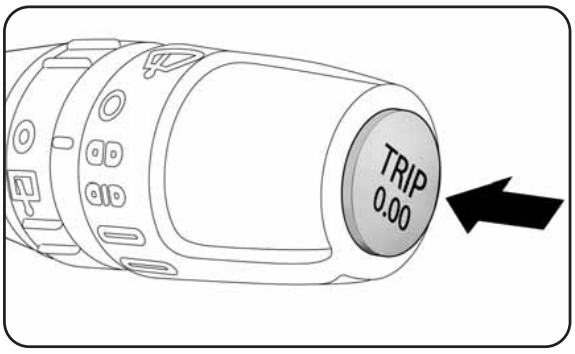

fig. 13 A0K0096m

New journey

It begins after a new reset is made:

– "manual" resetting by the user, by pressing the relevant button;

– "automatic" resetting, when the "Trip distance" reaches 99999.9 km or when the "Travel time" reaches 999.59 (999 hours and 59 minutes);

– after each disconnection and subsequent reconnection of the battery.

IMPORTANT The reset operation when "Trip A" details are being displayed resets the information associated with this function only.

IMPORTANT The reset operation when "Trip B" details are being displayed resets the information associated with this function only.

Start trip procedure

With ignition key turned to MAR, carry out the reset operation by pressing and holding down the TRIP 0.00 button for longer than 2 seconds.

Exit Trip

You can automatically exit the TRIP function once all the values have been displayed, or by holding the MENU ESC button down for more than 1 second.

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SYMBOLS

Some components of the car have coloured labels whose symbols indicate precautions to be observed when using this component. Under the bonnet there is also a label that summarises all the symbols.

ALFA ROMEO CODE SYSTEM

This is an electronic engine locking system which increases protection against attempted thefts of the car. It is automatically activated when the ignition key is extracted.
Each key contains an electronic device which modulates the signal emitted during ignition by an antenna built into the ignition device. This signal is the 'password' which changes at each ignition and which the control unit uses to recognise the key and enable ignition.

OPERATION

The Alfa Romeo CODE system control unit sends an acknowledgement code to the engine management control unit to deactivate the inhibitor each time the car is started by turning the ignition key to MAR.
The code is sent only if the Alfa Romeo CODE system control unit has recognised the code transmitted from the key.
Each time the ignition key is turned to STOP, the Alfa Romeo CODE system deactivates the functions of the engine management control unit. Warning light lights up on the instrument panel if the code is not correctly recognised during ignition.
In this case, turn the key to STOP and then to MAR; if it is still locked, try again with the other keys that come with the car. If you are still unable to start the engine contact Alfa Romeo Authorized Services.

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Warning light comes on when driving

- If the warning light turns on, this means that the system is running a self-test (due for example to a voltage drop).
- Contact Alfa Romeo Authorized Services if the warning light stays on.

The Electronic components inside the key may be damaged if the key is subjected to shocks.

KEYS

CODE CARD (for versions/markets, where provided)

A CODE card fig.14 is provided together with the keys. On the card you will find a mechanical code A and an electronic code B. Keep the codes in a safe place, not in the car.

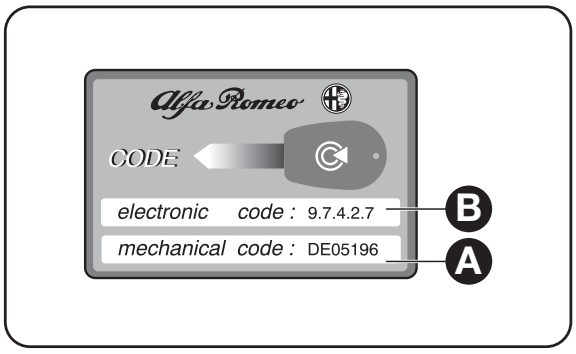

fig. 14 A0K0008m

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MECHANICAL KEY

The metal insert A-fig.15 operates:

- ❍ the ignition switch;
- ❍ the door lock.

KEY WITH REMOTE CONTROL

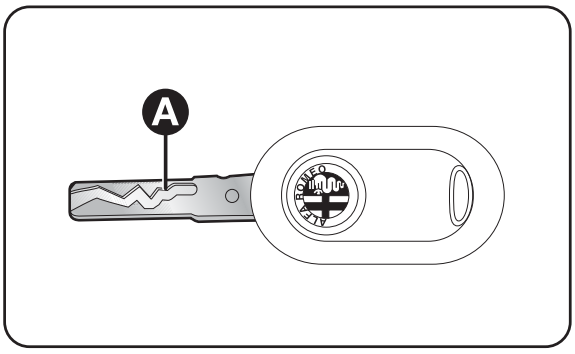
(for versions/markets, where provided)

The metal insert A-fig.16 operates:

- ❍ the ignition switch;
- ❍ the door lock.

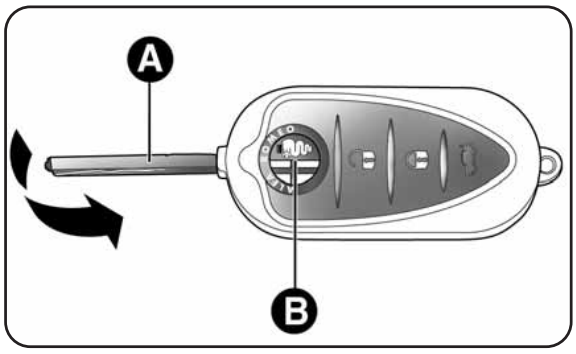
Press B button to open/close the metal insert.

Press B button fig.16 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.



A0K0047m

fig. 15



A0K0048m

fig. 16

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Unlocking the doors and the boot

Briefly press button: unlock of doors and boot, timed operation of ceiling lights, double flash of the direction indicators (for versions/markets, where provided).
Door lock is automatically released if the fuel cut-off system trips.
Once the doors are locked, if one or more doors or the boot are not closed correctly, the LED and direction indicators start flashing quickly.

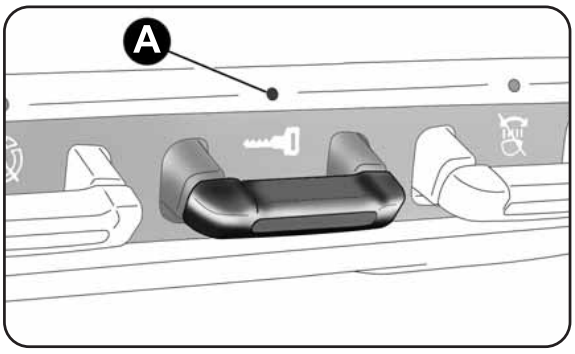

fig. 17 A0K0122m

Locking the doors and the boot

Briefly press button: lock of doors and boot with ceiling lights off and single flash of direction indicators (for versions/markets, 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 (for versions/markets, where provided). The doors will be locked even if the boot is open.
When a speed of over 20 km/h is reached, the doors are automatically locked if this specific function has been set (only on versions with multi-function reconfigurable display).
When the doors are locked from outside the car (using the remote control), A LED fig.17 will light up for a few seconds and then start flashing (deterrent function).
When the doors are locked from inside the car (by pressing) the LED will remain on constantly.

Opening the boot

Press button to open the boot using the remote control. The direction indicators will flash twice to indicate that the boot has been opened.

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REQUESTING ADDITIONAL REMOTE CONTROLS

The system can acknowledge up to 8 remote controls. If you need to request a new remote control, contact Alfa Romeo Authorized Services, taking the CODE card (for versions/markets, where provided), an identity document and documents proving your ownership of the car with you.

REPLACING THE BATTERY KEY WITH REMOTE CONTROL

Proceed as follows:

- press A button fig.18 and open out the B metal insert; turn C screw to 🔓 using a small point screwdriver;
- remove the D battery holder case and replace E battery respecting the polarity; reinsert D case into the key and secure it by turning C screw to 🔒.

Used batteries are harmful to the environment. They should be disposed of as specified by law in special containers or taken to an Alfa Romeo Authorised Service Provider, which will take care of their disposal.

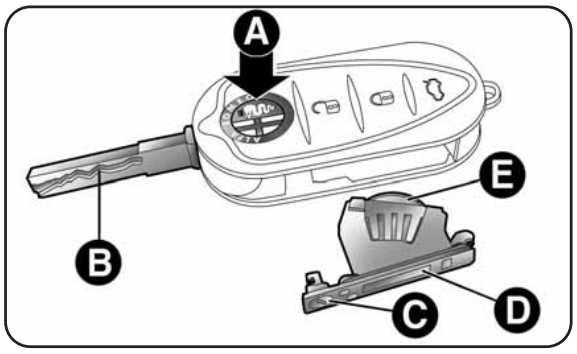

fig. 18 A0K0051m

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SAFE LOCK DEVICE

(for versions/markets where provided)

This safety device prevents operation of the inside door handles and of the door locking/unlocking button. We recommend that you activate this device whenever you park your car.

Switching the device on

The device is enabled on all the doors by quickly double-pressing the 🔒 button on the key.
The engagement of the device is indicated by three flashes of the direction indicators and the flashing of A LED fig. 19. The device will not switch on if one or more doors are not closed correctly.

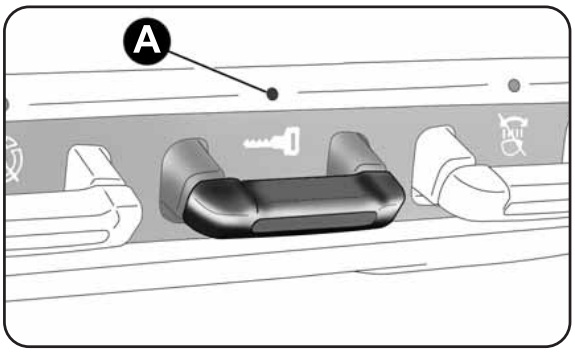

fig. 19 A0K0122m

Switching the device off

The device disengages automatically by:

- opening the driver's door using the metal insert;
- pressing the 🔓 button on the remote control;
- turning the ignition key to the MAR position

Once the safe lock device is engaged it is impossible to open the doors from inside the car. Before engaging the device, check that there is no one left on board. If the remote control battery is flat, the device can only be disengaged by using the metal insert in either of the door locks.

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The main functions that can be activated with the keys (with or without remote control) are the following:

Type of key	Doors unlocking	Locking the doors from the outside	Safe Lock engagement (for versions/ markets, where provided)	Unlocking the tailgate boot	Windows down (for versions/ markets, where provided)	Windows up (for versions/ markets, where provided)
Mechanical key	Turn key anticlockwise (driver's side)	Turn key clockwise (driver's side)	–	–	–	–
Key with remote control	Turn key anticlockwise (driver's side)	Turn key clockwise (driver's side)	–	–	–	–
	Briefly press button	Briefly press button	Double pressing button	Briefly press button	Hold pressed button (for longer than 2 seconds)	Hold pressed button (for longer than 2 seconds)
Direction indicators flashing (only for key with remote control)	double flashing	flashes once	flashes three times	flashes twice	flashes twice	flashes once
Deterrence LED	Switching off	Switching on constantly for about 3 seconds, followed by deterrence LED flashing	Double flash, followed by deterrence flashing	Deterrence LED	Switching off	Deterrence LED

IMPORTANT Windows will lower down when the doors are unlocked; they will be wound up when the doors are locked.

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ALARM (for versions/markets, where provided)

OPERATION OF THE ALARM

The alarm intervenes in the following instances:

- ❍ unauthorised opening of doors/bonnet/boot (perimeter protection);
- ❍ unauthorised operation of ignition system (ignition key rotated to MAR);
- ❍ the battery cables cutting;
- ❍ when someone is moving inside the passenger compartment (volumetric protection);
- ❍ anomalous lifting/tilting of the vehicle (for versions/markets, where provided).

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

IMPORTANT The engine locking function is guaranteed by the Alfa Romeo CODE, which is automatically activated when the ignition key is extracted from the ignition switch.

IMPORTANT The alarm is configured to comply with the regulations existing in different countries.

SWITCHING ON THE ALARM

With the doors and bonnet closed and the ignition key either turned to STOP or removed, direct the key with the remote control towards the car, then press and release button. Except specific markets, the system produces a visual and acoustic signal and enables door locking.
A self-diagnostic stage precedes the turning on of the alarm: In case of faults the system will generate a further acoustic and/or visual signal using the LED on the dashboard.
If after the alarm is switched on, a second acoustic signal is emitted and/or the LED on the dashboard flashes, wait about 4 seconds and switch off the alarm by pressing button, check that the doors, bonnet and boot are closed correctly and then reactivate the system by pressing button.
If the alarm produces an acoustic signal even when the doors, bonnet and boot are correctly closed, a fault has occurred in system operation: in this case, go to Alfa Romeo Authorized Services.

ALARM SELF-ACTIVATION

(for versions/markets, where provided)

If the alarm has not been activated using the remote control, once about 30 seconds have elapsed from when the ignition key was turned to STOP and a door or the tailgate was last opened and then closed, the alarm activates automatically. This is indicated by the LED on the button A-fig. 20 lighting up intermittently and the indications of activation described previously.
To deactivate the alarm, press the button on the remote control. The alarm also activates when the doors are closed by turning the metal insert of the key in the driver side door latch. If the system self-activates, the doors are not locked.

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SWITCHING OFF THE ALARM

Press button. The following operations are performed (excluding specific markets):

- the direction indicators flash twice;
- two brief acoustic signals are emitted;
- the doors are unlocked.

IMPORTANT Activating the central opening using the key metal insert the alarm does not turn off.

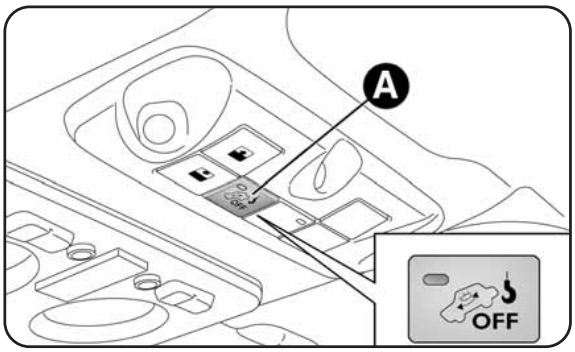

fig. 20 A0K0130m

VOLUMETRIC/ANTI-LIFT PROTECTION

To guarantee the correct operation of the protection, completely close the side windows and sunroof (for versions/markets, where provided).
To disable the function, press A button fig. 20 before switching on the alarm. The deactivation of the function is indicated by the LED on A button flashing for several seconds.
The volume sensing/anti-tilt protection disabling procedure must be repeated each time the key is turned off.

EXCLUDING THE ALARM

To permanently disable the alarm (e.g. for long storage of the car), lock the car by turning the metal insert of the key with remote control in the lock.

IMPORTANT If the battery of the key with the remote control run out or the system fails, the alarm can be switched off by placing the key in the ignition switch and turning it to MAR.

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IGNITION SWITCH

The key can be turned to three different positions fig. 21:

- STOP: engine off, key can be extracted, steering locked. Some electric devices (e.g. car radio, central door locking system, alarm, etc.) can work;
- MAR: driving position. All electric devices can work;
- ON: starting the engine.

The ignition switch is fitted with an electronic safety system that requires the ignition key to be turned back to STOP if the engine will not start, before the starting operation can be repeated.

If the ignition switch is tampered with (e.g.: attempted theft), have it checked over by an Alfa Romeo Authorised Service Provider as soon as possible.

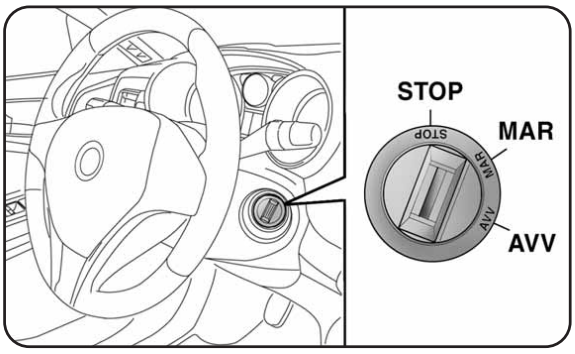

fig. 21 A0K0063m

Always remove the key when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the handbrake. Engage 1st gear if the car is parked uphill or reverse if the car is parked downhill. Never leave children unattended in the car.

STEERING LOCK

Engagement

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

Disengagement

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

It is absolutely forbidden to carry out any aftermarket operation involving steering system or steering column modifications (e.g.: installation of anti-theft device). This could badly affect performance and safety, invalidate the warranty and also result in the non-compliance of the car with approval requirements.

Never remove the key while the car is moving. The steering wheel should lock automatically as soon as it is turned. This also applies to when the car is towed.

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SEATS

FRONT SEATS fig. 22

All adjustments must be made with the car stationary.

fig. 22 A0K0076m

Lengthwise adjustment

Lift A stalk and push the seat forwards or backwards: in the driving position your arms should rest on the rim of the steering wheel.

After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If it is not locked, the seat may move unexpectedly and make you lose control of the car.

Height adjustment

(for versions/markets, where provided)

Move lever B up or down until the required height is achieved.

IMPORTANT Carry out the adjustment whilst seated in the driver's seat.

Backrest angle adjustment

Turn C knob until the required position is reached.

For maximum protection, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and hips.

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Heated seats
(for versions/markets, where provided)

With the key turned to MAR, press A button fig. 23 to switch the function on/off. When the function is enabled, the LED on the button turns on.

Electric lumbar adjustment
(for versions/markets where provided)

With the key turned to MAR, press B button fig. 23 to switch the function on/off. When the function is enabled, the LED on the button turns on.

ELECTRICALLY ADJUSTABLE FRONT SEATS
fig. 24 (for versions/markets, where provided)

The following controls are provided for adjusting the seats:
Multifunction A control:

- ❍ front seat height adjustment (seat vertical movement);
- ❍ seat lengthwise movement

B: Backrest angle and lumbar adjustment;

C: Driver's seat position storing buttons.

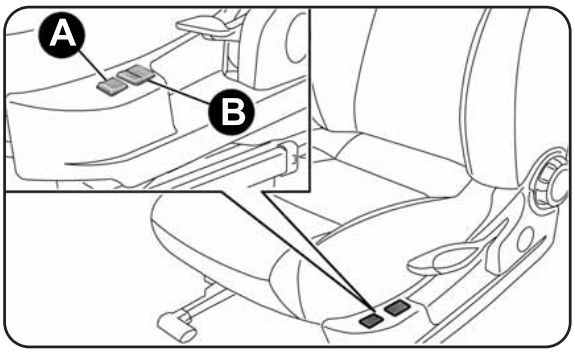

fig. 23 A0K0213m

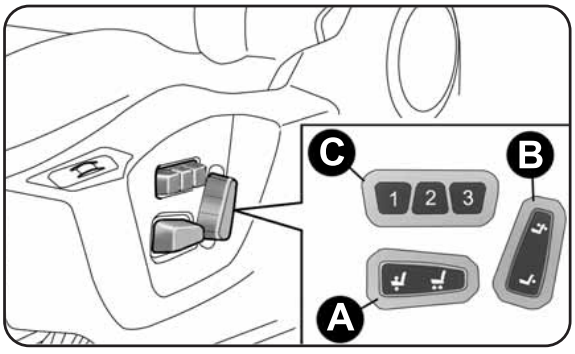

fig. 24 A0K0214m

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Memorising driver's seat positions

The buttons C allow three different driver's seat positions to be memorised and recalled.

To memorise a seat position, adjust it with the various controls, then press the button where you want to memorise the position for several seconds. The performed memorisation is confirmed by a beep.

When a new seat position is memorised, the previously memorised position on the same button is automatically overwritten.

To recall a memorised position, press the relevant button briefly.

IMPORTANT Electric adjustment is only possible with the ignition key turned to MAR-ON and for approximately 1 minute after turning it to STOP. The seat (driver's side or passenger's side) can be moved after opening the relevant door for about 3 minutes, or as long as the door is re-closed.

Heated seats (for versions/markets, where provided)

With the key at MAR, turn the A ring fig.25 to turn the function on/off. Heating can be set to 3 different levels (0 = seat heating off).

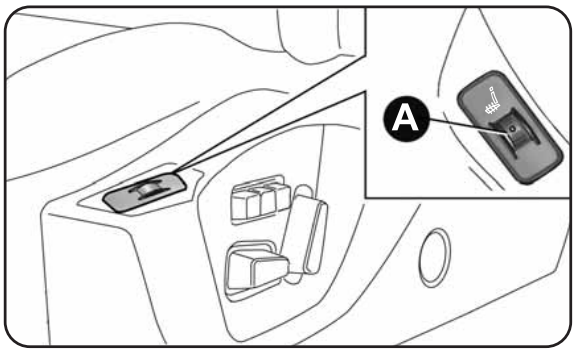

fig. 25 A0K0215m

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HEAD RESTRAINTS

FRONT HEAD RESTRAINTS

Head restraints are adjustable in height and they lock automatically in the required position:

- ❍ upward adjustment: lift the head restraint until it locks
- ❍ downward adjustment, press the A button fig. 26 and lower the head restraint.

Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case they can protect your head correctly.

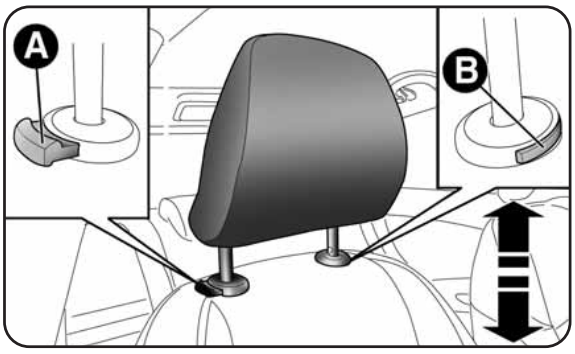

fig. 26

A0K0064m

To remove the head restraints:

- ❍ raise the head restraint to its maximum height;
- ❍ press A and B buttons fig. 26 and then remove the head restraints by sliding them upwards.

"Anti-Whiplash" device

The head restraints are equipped with an "Anti-Whiplash" device, which reduces the distance between head and head restraint in the event of a rear impact, thus mitigating the "whiplash" effect.
The head restraint may move when the backrest is pressed by the occupant's torso or hand: this is an effect of the system and not a fault.

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REAR HEAD RESTRAINTS

Two height-adjustable head restraints are provided for the back seats (to adjust the height see the previous paragraph). On some versions a head restraint is also provided for the central seat.

To remove the head restraints:

- ❍ raise the head restraints to their maximum height;
- ❍ press A and B buttons fig. 27 and then remove the head restraint by sliding it upwards.

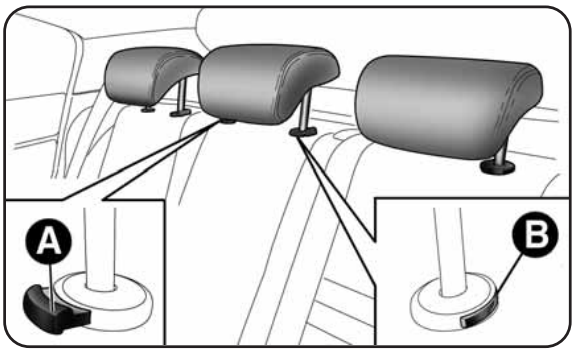

fig. 27 A0K0065m

STEERING WHEEL

It can be adjusted axially and vertically.

To adjust, release A lever fig. 28 by pushing it forwards (position 1) and adjust the steering wheel. Then lock lever A by pulling it towards the steering wheel (position 2).

Any adjustment of the steering wheel position must be carried out only with the car stationary and the engine turned off.

It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installing an anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in the car failing to comply with regulations.

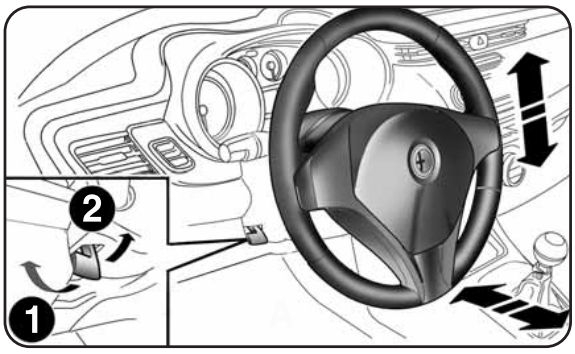

fig. 28 A0K0077m

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REARVIEW MIRRORS

INTERNAL REARVIEW MIRROR

Operate A lever fig. 29 to adjust the mirror into two different positions: normal or anti-glare.

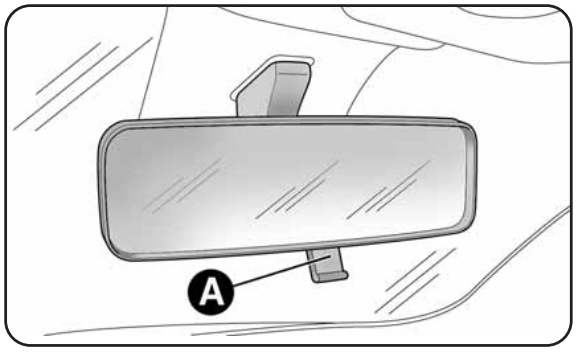

fig. 29 A0K0079m

Electrochromic internal mirror
(for versions/markets, where provided)

Some versions are equipped with an electrochromic mirror fig. 30. The mirror will always be set to day use when reverse gear is engaged.

fig. 30 A0K0119m

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EXTERNAL REARVIEW MIRRORS

As the driver's external rearview mirror is curved, it may slightly alter the perception of distance.

Adjusting the mirror

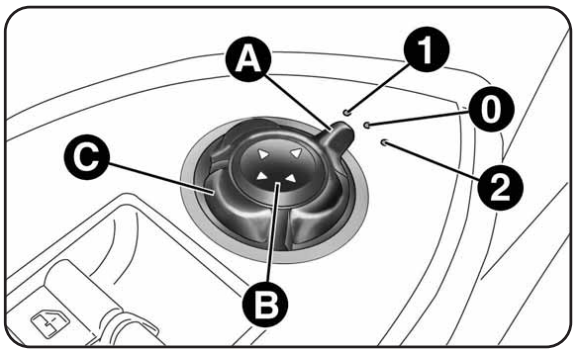
The mirrors can be adjusted/folded only if the ignition key is in MAR position.

Select the mirror you wish to adjust using A device fig. 31:

- device in position 1: left mirror selected;
- device in position 2: right mirror selected.

To adjust the selected mirror, press B button in the four directions shown by the arrows.

IMPORTANT Once adjustment is complete, turn A device to position 0 to prevent accidental movements.



A0K0066m

fig. 31

Rearview mirror electric folding

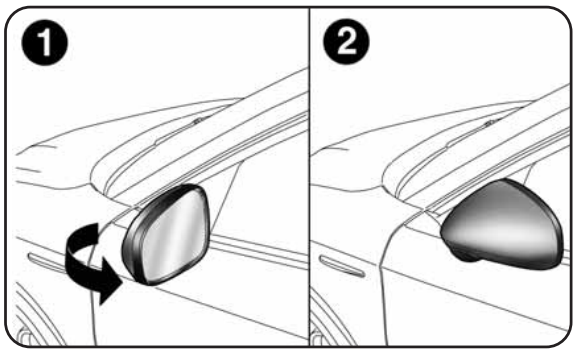
(for versions/markets where provided)

To fold back the mirrors press C button fig. 31. Press the button once again to turn the mirrors back to the driving position.

Manual rearview mirror folding fig. 32

If required, the mirrors can be folded back manually from position 1 to position 2.

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



A0K0052m

fig. 32

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CLIMATE CONTROL SYSTEM

SIDE AIR VENTS fig. 33

A - Adjustable side air vents:

- ❍ use B device to adjust the vent to the required position;
- ❍ turn C ring leftwards to adjust the air flow.

D - Fixed side air vent.

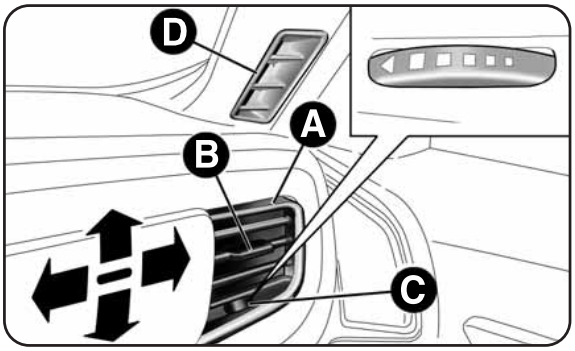

fig. 33 A0K0103m

CENTRAL AIR VENTS

Use A device fig. 34 to direct the vents to the required position. Turn B rings downwards to adjust the air flow.

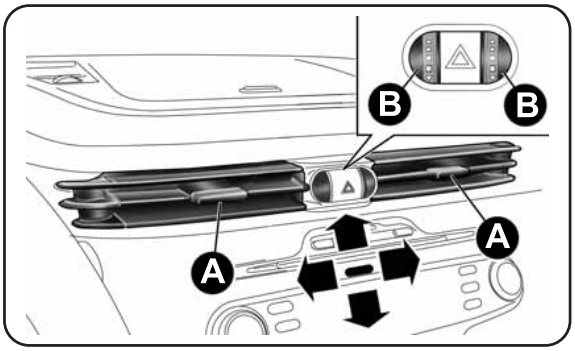

fig. 34 A0K0104m

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UPPER AIR VENTS fig. 35

A - Adjustable upper air vents. Turn B rings rightwards to adjust the air flow.

C - Fixed upper air vent.

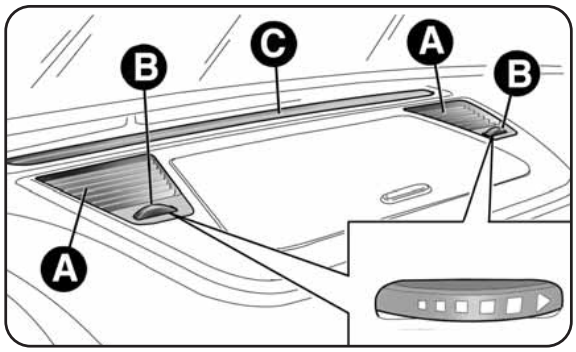

fig. 35 A0K0105m

REAR AIR VENT fig. 36

(for versions/markets, where provided)

Use A device to adjust the vent to the required position.

Turn B ring rightwards to adjust the air flow:

● = All closed

○ = All open

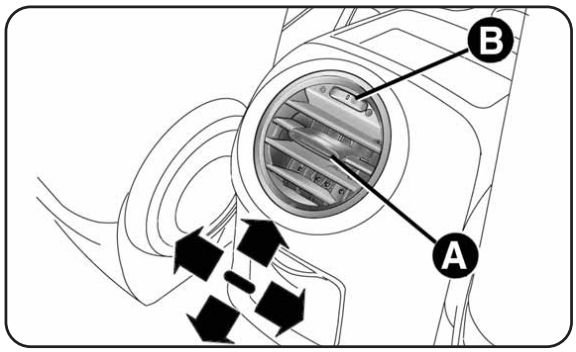

fig. 36 A0K0106m

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TEMPERATURE COMFORT

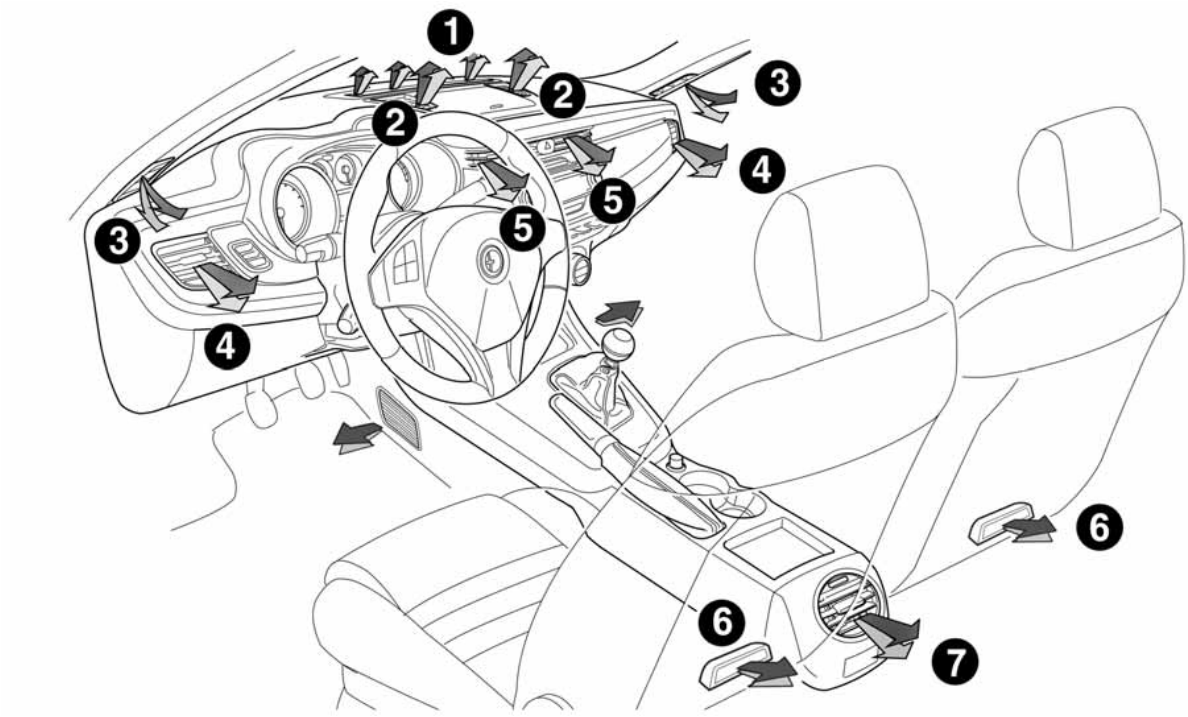

fig. 37

A0K0107m

VENTS fig. 37

1. Upper fixed vent - 2. Upper fixed vents - 3. Side fixed vent - 4. Side adjustable vents - 5. Central adjustable vents - 6. Lower rear seat vents - 7. Adjustable rear seat vent (for versions/markets, where provided)

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MANUAL CLIMATE CONTROL SYSTEM

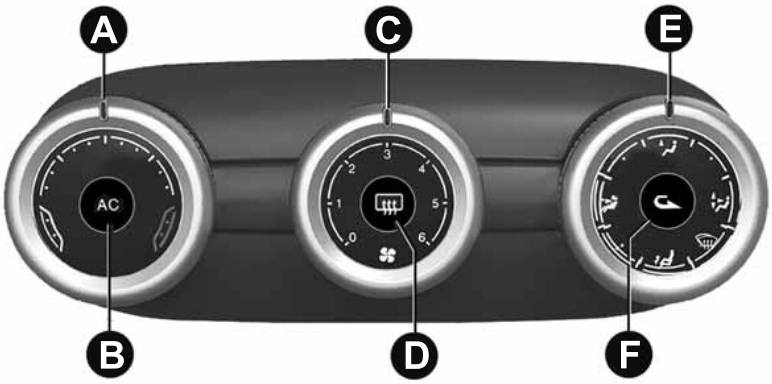

fig. 38

A0K0055m

CONTROLS fig. 38

A air temperature adjustment knob:
- ❍ blue zone = cold air
- ❍ red zone = hot air

B climate control compressor on/off button;

C fan activation/adjustment knob:
- ❍ 0 = fan off
- ❍ 1-2-3-4-5-6 = fan speed

D heated rear windscreen on/off button;

E air distribution knob:
- ❍ various selections are possible
- ❍ quick demisting (windscreen and side windows)

F air recirculation on/off button

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CLIMATE CONTROL SYSTEM (cooling)

Proceed as follows to cool the passenger compartment:

- ❍ turn A knob to the blue section;
- ❍ press F button to turn air recirculation on (the circular LED around the button should be on);
- ❍ turn E knob to ;
- ❍ press B button to turn the climate control system on and turn C knob to at least 1 (1st speed); for faster action, turn C knob to 6 (maximum fan speed).

Adjusting cooling

- ❍ turn A knob to right to increase the temperature;
- ❍ press F button to turn air recirculation system off (the circular LED around the button should be off);
- ❍ turn C knob to reduce fan speed.

PASSENGER COMPARTMENT HEATING

Proceed as follows to rapidly heat the passenger compartment:

- ❍ turn A knob to the red section;
- ❍ press F button to turn on the air recirculation system;
- ❍ turn E knob to ;
- ❍ turn C knob to 6 (maximum fan speed).

Then use the controls to maintain the required comfort conditions and press button F to turn air recirculation off (the circular LED around the button will be off) and prevent misting up.

IMPORTANT: When the engine is cold, it takes a few minutes to obtain fast heating.

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AUTOMATIC DEMISTING/DEFROSTING (MAX-DEF function)

This function automatically demists/defrosts the following: windscreen and front side windows, heated spray nozzles, heater external rearview mirrors.
To activate the function on, turn the E knob to the "Defrosting" symbol identified by the symbol. The manual climate control system will automatically set itself to the following configuration:

- demisting symbol from red to orange (to indicate that the function is on);
- the heated rear windscreen (and all the installed defrosting devices) will be turned on. The circular LED around the button will light up to indicate that the function is on;
- the air flow will go to maximum speed (6);
- air circulation will be opened, if it was closed (the circular LED about the corresponding button will be off);
- air mixing to maximum heating;
- additional electric heater (for versions/markets, where provided) will be turned on;
- the compressor will be activated (the circular LED will stay on to indicate that the AC function is on).

Window demisting

The climate control system is very useful in preventing the windows from misting up in the event of high levels of humidity.
In the event of considerable outside moisture and/or rain and/or considerable differences in temperature inside and outside the passenger compartment, proceed as follows to demist the windows:

- turn A knob to the red section;
- press F button to disable the air recirculation system (the LED on the button should be off);
- turn E knob to and move it to position (B-fig. 38a) if demisting does not take place;
- turn C knob to the 2nd speed.

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DEMISTING/DEFROSTING HEATED REAR WINDSCREEN

Press D button (⊞) to turn the function on/off. The function is automatically deactivated after 20 minutes.
For versions/markets, where provided, pressing the ⊞ button also defrost/demist the external rearview mirrors and the heated spray nozzles (for versions/markets, where provided).

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

AIR RECIRCULATION

Press F (⟲) button so that the LED on the button lights up. It is advisable to switch air recirculation on while standing in traffic or in tunnels to prevent the introduction of polluted air.
Do not use the function for a long time, particularly if there are many passengers on board, to prevent the windows from misting up.

IMPORTANT The air recirculation system makes it possible to reach the required heating or cooling conditions faster. Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting.

AIR DISTRIBUTION SELECTION

Turn E knob fig. 38 to manually select one of the four possible air distribution settings in the passenger compartment:

- Air flow to the windscreen and front side window vents to demist/defrost them.
- Air flow to the front and rear footwell vents. This air distribution allows the passenger compartment to be warmed up quickly.
- Air flow distribution between front and rear vents, centre/side dashboard vents, rear vent and windscreen and front side window demisting/defrosting vents.
- Air flow distribution to centre/side dashboard vents (passenger's body).

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Four other positions are provided (see diagram below):

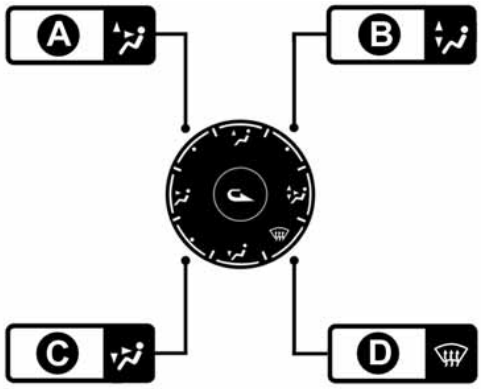

fig. 38a A0K0083m

- (A Position) Air flow distribution between centre/side dashboard vents, rear vent and windscreen and front side window demisting/defrosting vents. This distribution setting ventilates the passenger compartment and prevents the windows from misting up.
- (B Position) Air flow distributed between foot well vents and windscreen and front side window defrosting/demisting vents. This distribution setting allows warms up the passenger compartment and prevents the windows from misting up.
- (C Position) Air flow distribution between footwell vents (warmer air) and centre/side dashboard vents and rear vent (cooler air).
- (D Position) Automatic demisting/defrosting activation (see description of the previous pages).

START&STOP

Manual climate control system

The system will remain set to the air flow setting made by the user when the Start&Stop function is operated (engine off when speed is zero). Cooling and heating in the passenger compartment is not guaranteed in these conditions because the compressor and the engine coolant pump are both stopped. To privilege climate control system operation, press the button on the dashboard to turn the Start&Stop function off.

NOTA In particularly severe climate conditions it is recommended to limit the use of the Start&Stop function to prevent the compressor from continuously switching on and off, with following fast window misting and accumulation of humidity with unpleasant smells in the passenger compartment.

SYSTEM MAINTENANCE

Operate the climate control system for at least 10 minutes every month during the winter. Have the system checked by Alfa Romeo Authorized Services before the summer.

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AUTOMATIC DUAL ZONE CLIMATE CONTROL SYSTEM (for versions/markets, where provided)

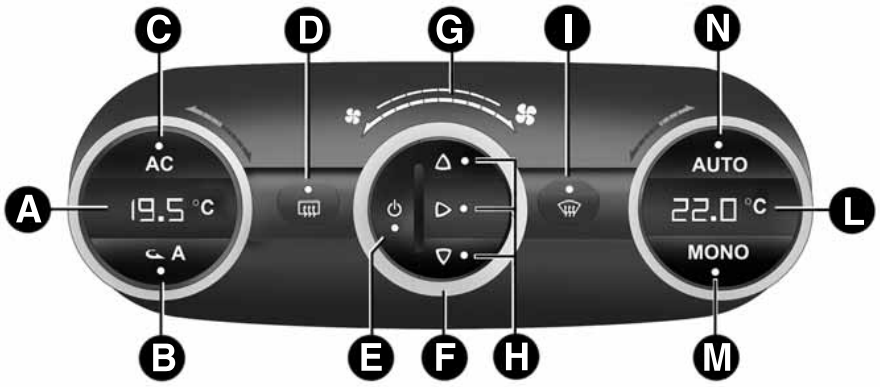

fig. 39

A0K0056m

CONTROLS fig. 39

A driver's side temperature adjustment knob
B internal air recirculation on/off button
C climate control compressor on/off button
D heated rear windscreen on/off button
E climate control system on/off button
F fan speed knob
G fan speed indicator LED;
H air distribution selection buttons
I MAX-DEF function button (fast front window defrosting/ demisting), heated rear windscreen and heated exterior mirrors (for versions/markets where provided);
L Passenger's side temperature adjustment knob
M MONO function button (set temperature alignment) driver/ passenger side
N AUTO function activation button (automatic operation)

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DESCRIPTION

The automatic dual zone climate control system regulates the temperature in the passenger compartment in two areas. The system keeps the comfort in the passenger compartment constant and compensates for variable external conditions.

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

The automatically controlled parameters and functions are:

- air temperature delivered to driver/front passenger vents;
- air distribution to driver/front passenger vents;
- fan speed (continuous air flow variation);
- switching the compressor fan on (for cooling/dehumidifying the air);
- air recirculation.

All these functions can be manually adjusted by operating the system and selecting one or more functions and modifying their parameters. Automatic control of the manually changed functions will be suspended: the system will only override your settings for safety reasons.

Manual selections will always have higher priority over automatic settings and will be stored until the AUTO button is pressed, except for the cases in which the system will intervene for particular, safety-related reasons.

You can adjust one function automatically and have the automatic system control all the others. The amount of air introduced into the passenger compartment is not affected by vehicle speed; it is electronically controlled by a fan. The air temperature is always automatically controlled according to the temperature shown on the display (except for when the system is off or in certain conditions when the compressor is not running).

The system can manually programme and adjuste:

- air temperature on driver's/passenger's side;
- fan speed (continuous variation);
- air distribution to 7 positions;
- climate control compressor enabled;
- fast demisting/defrosting function;
- air recirculation;
- heated rear windscreen;
- turning the system off.

The climate control system uses an average radiating temperature sensor installed under a cover below the inner rearview mirror. To ensure optimal operation of the climate control system, do not obstruct the detection cone of this sensor with any object.

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SWITCHING THE CLIMATE CONTROL SYSTEM ON

The system can be turned on in different ways: you are recommended to press the AUTO button and turn the knobs to set the required temperatures.
In this way the system operates completely automatically to adjust the temperature, quantity and distribution of the air introduced into the passenger compartment. It also manages the air recirculation system and the enablement of the air conditioning compressor.
During fully automatic system operation, you can change at any time the set temperatures, air distribution and fan speed by using the relevant buttons or knobs: the system will automatically change its settings to adjust to the new requirements.
During fully automatic operation (AUTO), the word AUTO will disappear if the air distribution and/or flow rate and/or engagement of the compressor and/or recirculation settings are changed.
In this way the climate control system will continue to automatically manage all functions except for those that have been manually adjusted. There is only one fan speed in all the areas of the passenger compartment.

ADJUSTING THE AIR TEMPERATURE

Turn A or L knob to right or left to adjust the air temperature: A knob for the front left-hand area, L knob for the front right-hand area of the passenger compartment. The set temperatures are shown on the display.
Press the MONO button to align the air temperature between the two zones.
Turn L knob to go back to the separate management of air temperatures in the two zones.
Turn the knobs fully clockwise or anti-clockwise to engage respectively HI (maximum heating) or LO (maximum cooling). To deactivate these functions, rotate the temperature knob to the desired temperature.

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SETTING THE AIR DISTRIBUTION

Press H (△ / ▽/ ▷) buttons to manually select one of the seven possible air distribution settings:

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

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

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

▷ ▽ Air flow distribution between footwell vents (hotter air) and centre and side dashboard vents (cooler air). This distribution setting is useful in spring and autumn on a sunny day.

△ ▽ Air flow distributed between foot well vents and windscreen and front side window defrosting/demisting vents. This distribution setting allows to warm up the passenger compartment and prevents the windows from misting up.

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

△ ▷ ▽ Air flow distribution to all vents in the car.

In AUTO mode, the climate control system automatically manage air distribution settings; the LED on H buttons are off.
When set manually, the set distribution is shown by the LEDs on the selected buttons.

In combined function mode the relevant function is enabled simultaneously with those already set by pressing the corresponding button. If a button whose function is active yet is pressed, the operation is cancelled and the corresponding LED goes off. To restore automatic control of the air distribution after a manual selection, press the AUTO button.

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REGULATING THE FAN SPEED

Turn F knob to increase/decrease the fan speed. The speed is displayed by the G LEDs on the F knob.

- ❍ maximum fan speed = all LED lit up;
- ❍ minimum fan speed = one LED lit.

The fan can only be excluded if the climate control compressor has been switched off by pressing B button.

IMPORTANT To restore automatic fan speed control after a manual adjustment, press the AUTO button.

AUTO BUTTON

By pressing the AUTO button (LED on button lit) the climate control system automatically adjust the following settings in the corresponding zones:

- ❍ air quantity and distribution in the passenger compartment;
- ❍ climate control compressor;
- ❍ air recirculation
- ❍ cancelling any previous manual settings.

The LED on the AUTO button will light up to indicate that the function is on. By manually adjusting at least one of the functions automatically managed by the system (air recirculation, air distribution, fan speed or compressor on/off), the LED will go off, indicating that the system is no longer automatically controlling all the functions.

IMPORTANT If the system is unable to reach/maintain the required temperature in the various areas of the passenger compartment, the set temperature will flash for a few seconds.

To restore automatic system control after one or more manual adjustments, press the AUTO button.

MONO BUTTON

Press the MONO button (LED on button lit) to align the air temperature on passenger's side with that on driver's side.
This function makes temperature regulation easier when the driver is travelling alone.
Turn L knob to set the temperature on passenger's side and go back to separate air temperature management.

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AIR RECIRCULATION AND AQS (Air Quality System) FUNCTION

The air recirculation is managed according to the following operating logics:

- automatic engagement: A word on B button on;
- forced engagement (air recirculation always on): LED on A button on and A word off;
- forced disengagement (air recirculation always off, air taken from the outside): the LED on A buttons will switch off and the A word on B button will switch off.

Forced on/off mode can be selected by pressing button A..

When ⏻ (E button off) is pressed, the climate control system automatically activates air recirculation (the LED on A button should be on). Press A button to turn external air recirculation on (LED on button lit) and vice versa.

AQS (Air Quality System) function cannot be operated when ⏻ button is pressed (LED on button off).

Turning the AQS (Air Quality System) function on

The AQS function automatically activates internal air recirculation when the outside air is polluted (e.g. in traffic queues and tunnels).

IMPORTANT With the AQS function active, after the internal air recirculation system has been running for a certain time, the climate control system enables the intake of outside air for approximately 1 minute. This takes place regardless of the pollution level of the outside air.

IMPORTANT The air recirculation system makes it possible to reach the required heating/cooling conditions faster. It is, however, inadvisable to use it on rainy/cold days as it would considerably increase the possibility of the windows misting up inside (especially if the climate control system is off). When the outside temperature is low, recirculation is forced off (air drawn from the outside) to prevent the windows misting up.

In automatic operation inside air recirculation will be controlled automatically by the system according to outside environmental conditions.

⚠ ***It is advisable not to use the air recirculation function when the outside temperature is low to prevent the windows from rapidly misting up.***

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CLIMATE CONTROL SYSTEM COMPRESSOR

Press C to turn the compressor on/off (the LED on the button will light up when the compressor is on). The system remembers that the compressor has been switched off, even after the engine has stopped.
When the compressor is switched off the system deactivates air recirculation to prevent the windows from misting up and deactivates the AQS function. In this case, although the system is capable of maintaining the required temperature, the AUTO LED will go out. The temperatures will flash for a few seconds if the required temperature cannot be maintained.

To restore automatic control for switching on the climate control compressor, press C button again or press the AUTO button.

With compressor off:

- ❍ if the outside temperature is higher than the set one, the system will not be able to satisfy the request. The temperature value will then flash on the display for a few seconds;
- ❍ the fan speed can be manually reset.

When the compressor is on and the engine is running, manual ventilation cannot drop under the maximum speed (only one LED on).

IMPORTANT With the climate control compressor off, it is not possible to admit air into the passenger compartment with a temperature below the outside temperature; moreover, under certain environmental conditions the windows could mist up very quickly since the air cannot be dehumidified.

RAPID WINDOW DEMISTING/DEFROSTING (MAX-DEF function)

Press to turn windscreen and side window demisting/defrosting function on (LED on button lit). The climate control system carries out the following operations:

- ❍ switches on the climate control compressor when climatic conditions allow;
- ❍ turns air recirculation off;
- ❍ sets maximum air temperature (HI) in both zones;
- ❍ sets proper fan speed according to the engine coolant temperature;
- ❍ directs air flow to the windscreen and front side windows vents;
- ❍ the heated rear windscreen is turned on
- ❍ shows fan speed (LED G lit).

IMPORTANT The MAX-DEF function will remain on for approximately 3 minutes from when the engine coolant reaches adequate temperature.

The LED on the AUTO button will go out when the function is on. With the function activated the only possible manual adjustments are adjusting the fan speed and the turning the heated rear windscreen off. By pressing B, C, or AUTO buttons, the climate control system will turn the MAX-DEF off.

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DEMISTING/DEFROSTING HEATED REAR WINDSCREEN

Press to turn heated rear windscreen demisting/defrosting function on (LED on button lit). This function switches off automatically after about 20 minutes or when the engine is turned off. It is not switched on automatically the next time the engine is started. For versions/markets, where provided, pressing the button it is also possible to defrost/demist the external rearview mirrors (for versions/markets, where provided) and the heated spray nozzles (for versions/markets, where provided).

IMPORTANT Do not affix stickers to the inside of the heated rear windscreen on the heating filaments, to avoid damage that might cause them to stop working properly.

Thermal comfort windscreen

(for versions/markets, where provided)

Some versions feature a thermal comfort windscreen which, with the car exposed to the sun, limits the extent of temperature increase inside the passenger compartment, thus ensuring greater comfort.

Humidity sensor (for versions/markets, where provided)

The humidity sensor prevents the windows from misting up. For full operation, it is advisable to turn the AUTO on (LED N on). When the outside temperature is low, the system could automatically turn the compressor on and turn air recirculation off for safer driving.

TURNING THE CLIMATE CONTROL SYSTEM OFF

Press button (LED on button off):

- air recirculation is on, thus isolating the passenger compartment from the outside;
- the compressor is off;
- the fan is off.
- the heated rear windscreen can be switched on or off.
- the AQS (Air Quality System) function cannot be turned on.

IMPORTANT The climate control system control unit stores the temperatures set before the system was switched off and restores the same conditions when any button of the system is pressed (except for D button).

Press AUTO button to restart the climate control system in fully automatic mode.

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START&STOP

Automatic climate control system

The automatic climate control system manages the Start&Stop function (engine off when speed is zero) to ensure adequate comfort inside the passenger compartment.

Specifically, the Start&Stop function is turned off when the weather is particularly hot or cold to guarantee an adequate level of comfort inside the passenger compartment; therefore, the engine will not be stopped during these transient conditions, even if the speed is zero.

When the Start&Stop is on and the engine is off at zero speed, the climate control system will turn the engine back on if the inside temperature conditions should rapidly deteriorate (or if the user asks for maximum cooling — LO — or quick demisting — MAX-DEF).

With the Start&Stop function on and engine off at zero speed, air flow is reduced to the minimum to main comfort conditions inside the passenger compartment as long as possible when the system is in AUTO mod (LED N on).

The climate control system attempts to manage the discomfort caused by the engine stopping (compressor and engine coolant pump off) but operation of the climate control system can be privileged by turning the Start&Stop off by pressing the button on the dashboard.

NOTE In particularly severe climate conditions it is recommended to limit the use of the Start&Stop function to prevent the compressor from continuously switching on and off, with following fast window misting and accumulation of humidity with unpleasant smells in the passenger compartment.

NOTE When the Start&Stop function is active (engine off and vehicle speed zero), the automatic recirculation management is turned off always taking air in from outside, to reduce the probability of window misting up (as the compressor is off).

SUPPLEMENTARY ELECTRIC HEATER

(for versions/markets where provided)

This device speeds up passenger compartment warming when it is very cold. The additional heater turns off automatically after reaching the required comfort conditions.

Automatic dual zone climate control system

(for versions/markets, where provided)

The supplementary electric heater is operated automatically according to environmental conditions and when the engine is running.

Manual climate control system

The supplementary heater is activated automatically by turning A knob to the end of the red section and setting the fan (knob B) to at least the 1st speed.

IMPORTANT NOTES

The heater only works if the outside temperature and engine coolant temperature are low.

The heater will not activate if the battery voltage is too low.

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EXTERIOR LIGHTS

LEFT STALK fig. 40

The left stalk 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 various controls on the dashboard will come on when the external lights are switched on.

DAY LIGHTS (DRL) "Daytime Running Lights"

With the ignition key turned to MAR and A ring fig.40 turned to position **O** the day lights are turned on; the other lights remain off. For day light functions, see the "Menu Items" paragraph in this chapter. If the function is deactivated, no lights are switched on when the A ring is turned to position **O**.

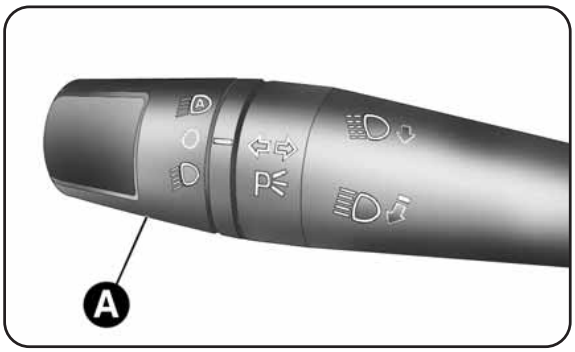

fig. 40 A0K0099m

SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS

With the ignition key turned to MAR, turn A ring fig. 40 to ≡D. The day lights are switched off and the side lights and dipped beam headlights are switched on. The warning light ≡D in the instrument panel comes on.

PARKING LIGHTS

These lights can be turned on only with the ignition key at STOP or removed, by turning the ring A-fig. 40 first to **O** and then to ≡D.

The warning light ≡D on the instrument panel will come on. Operate the direction indicator stalk to select the side (right or left).

AUTOMATIC LIGHTING CONTROL (AUTOLIGHT) (Dusk sensor) (for versions/markets, where provided)

This system consists of an infrared LED sensor combined with a rain sensor installed on the windscreen. It can detect changes of light intensity outside the car according to the light sensitivity setting programmed in the set-up menu: the higher the sensitivity, the lower the amount of external light needed to switch the lights on.

Activation

The dusk sensor is activated by turning the A ring fig. 40 to ≡A. In this way the side lights and dipped beam headlights are both switched on automatically according to the outside light level.

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IMPORTANT The sensor is unable to detect the presence of fog. Under these circumstances, these lights are therefore turned on manually.

When the lights are turned on by the sensor, the fog lights (for versions/markets, where provided) and the rear fog lights may be turned on. When the lights are automatically switched off, the front and rear fog lights (if activated) are also switched off. The next time the lights are switched on automatically, the fog lights must be reactivated manually (if required).

With the sensor active, it is possible to flash the headlights but the main beam headlights cannot be switched on. If you need to turn these lights on, turn A ring fig. 40 to position ≣D and turn the dipped beam headlights on.

When the lights have been activated automatically and are then switched off by the sensor, the dipped beam headlights are switched off first, followed by the side lights a few seconds later.

If the sensor is activated but is malfunctioning, the side lights and dipped beam headlights are switched on independently of the outside light level and the sensor fault is indicated on the instrument panel display. It is also possible to deactivate the sensor and switch on these light.

MAIN BEAM HEADLIGHTS

With A ring in position ≣D pull the stalk towards the steering wheel (stable position). The warning light ≣D on the instrument panel will come on. To turn the lights off, pull the stalk again towards the steering wheel (dipped beam headlights will stay on). It is not possible to switch on the main beam headlights in fixed mode if the automatic lighting control system is active.

FLASHINGS

Pull the stalk towards the steering wheel (unstable position) regardless of the position of A ring. The ≣D warning light will come on in the instrument panel.

DIRECTION INDICATORS

Put the stalk in the stable position:

- ❍ upward: activation of right direction indicator;
- ❍ downward: activation of left direction indicator.

Lights ⇨ or ⇦ will flash on the instrument panel. The direction indicators are switched off automatically when the steering wheel is straightened.

"Lane change" function

If you want to signal that you are changing lane, hold the left stalk in the unstable position for less than half a second. The direction indicator on the selected side flashes five times and then switches off automatically.

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"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 ignition key on STOP or removed, pull A stalk fig. 40 towards the steering wheel within 2 minutes of the engine switching 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.
The warning light on the instrument panel will light up (and the corresponding message will appear on the display) as long as the function is active.
The light comes on when the stalk is first moved and stays on until the function is automatically deactivated. Each movement of the stalk increases only the amount of time the lights stay on.

Deactivation

Keep the A stalk fig. 40 pulled towards the steering wheel for more than 2 seconds.

EXTERIOR COURTESY LIGHTS

This function lights up the vehicle and the space around it when the doors are unlocked.

Activation

When the car is parked and the doors are unlocked by pressing the button on the remote control (or the boot is unlocked by pressing), the dipped beam headlights, side lights and number plate lights are activated.
The lights remain lit for approximately 25 seconds unless the doors and boot are locked once again, the doors or boot are opened and closed or the instrument panel is activated. In these cases they go out after 5 seconds.
The exterior courtesy lights can be enabled/disabled using the Set-up Menu (see the paragraph "Menu Items" in this chapter).

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WINDOW CLEANING

The right stalk controls windscreen wiper/washer and heated rear windscreen wiper/washer operation.

WINDSCREEN WIPER/WASHER fig. 41

This only operates with the ignition turned to MAR. The ring nut A can have the following positions::

- 0 windscreen wiper off;
- intermittent operation (low speed);
- AUTO rain sensor activation (for versions/markets, where provided) (the windscreen wiper speed is automatically adapted to the intensity of the rain)
- intermittent operation;
- slow operation;
- fast operation.

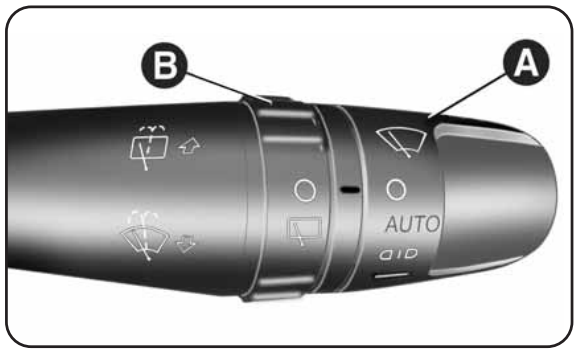

fig. 41 A0K0097m

Move the stalk up (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 default position and the wiper will be automatically stopped.

Do not use the windscreen wipers to remove layers of snow or ice from the windscreen. In such conditions, the windscreen wipers may be subjected to excessive stress, prompting intervention from the motor protection which prevents operation for a few seconds. If operation is not restored, even after turning the key and restarting the engine, contact Alfa Romeo Authorized Services.

Do not operate the windscreen wiper with the blades lifted from the windscreen.

"Smart washing" function

Pull the stalk towards the steering wheel (unstable position) to operate the windscreen washer jet. Keep the stalk pulled for more than half a second, with just one movement, to operate windscreen washer/wiper jet at the same time.
The wiper stops working three strokes after the stalk is released. A further stroke after approximately six seconds completes the wiping cycle.

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RAIN SENSOR fig. 42

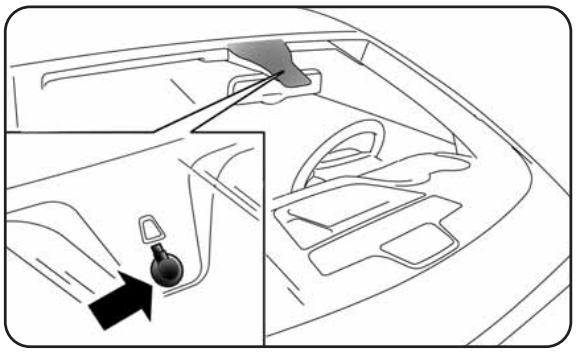
(for versions/markets, where provided)

This is an infrared LED sensor fitted on the windscreen. It can detect the presence of rain and consequently manage windscreen wiping in accordance with the amount of water on the windscreen.

Activation

The sensor is activated by turning the A ring fig. 41 to the "automatic" position ("AUTO"): the frequency of the windscreen wiper strokes is automatically adjusted depending on the amount of water on the windscreen. This frequency can vary from no stroke (no rain - windscreen dry) up to the 2nd constant speed operation (heavy rain - windscreen wet).

The sensitivity of the rain sensor can be adjusted through the Set Up menu (see "Display" paragraph in this chapter).



AOK0111m

fig. 42

If the engine is switched off with the stalk in the automatic position, no wiping cycle will take place when the engine is started again even if it is raining. This prevents accidental activation of the rain sensor when the engine is started (i.e. when the windscreen is being washed by hand or the wipers are stuck to the windscreen by ice).

To restore automatic operation of the rain sensor, turn the ring on the right A stalk fig. 41 from automatic position (AUTO) to **O** position and then turn A ring back to the AUTO position.

When the rain sensor is reactivated using any of the manoeuvres described above, reactivation is indicated by a single stroke of the windscreen wipers, regardless of the condition of the windscreen. If the sensitivity of the rain sensor is adjusted whilst it is in operation, a single stroke of the windscreen wiper takes place to confirm the changed setting.

In the event of the malfunction of the rain sensor whilst it is active, the windscreen wiper operates intermittently at a speed consistent with the sensitivity setting of the rain sensor, regardless of whether it is raining or not (the sensor fault is indicated on the instrument panel display). The sensor continues to operate and it is possible to set the windscreen wiper to continuous mode (1st or 2nd speed). The fault indication remains for as long as the sensor is active.

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REAR WINDOW WIPER/WASHER

(for versions/markets, where provided)

Activation

This only operates with the ignition turned to MAR.
Turn B ring fig. 41 from position **O** to position to turn on the rear window wiper as follows:

- ❍ intermittent operation if the windscreen wiper is off;
- ❍ synchronised operation (but with half-stroke frequency) when the windscreen wiper is on;
- ❍ continuous operation with reverse engaged and windscreen wiper on.

With reverse gear engaged and windscreen wiper on, the rear window wiper is activated in continuous mode. Pushing the stalk towards the dashboard (temporary position) the rear window washer jet will activate.
Keeping the stalk pushed for more than half a second also the rear window wiper will activate. Releasing the stalk will activate the smart washing function, as described for the windscreen wiper.

CRUISE CONTROL

(for versions/markets, where provided)

GENERAL INFORMATION

This is an electronic driving aid that allows you to drive at a speed of above 30 km/h on long and straight dry roads (e.g. motorways), at a preset speed without having to press the accelerator pedal. It is therefore not recommended to use this device on country roads with traffic. Do not use it in town.

TURNING THE DEVICE ON

Turn ring A-fig. 43 to ON. The device cannot be turned on 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 preset speed. When the device is activated, light comes on together with the relevant message on the instrument panel (for versions/markets, where provided).

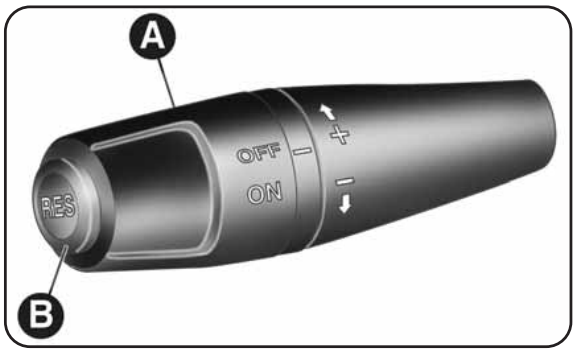

fig. 43 A0K0098m

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STORING THE SPEED

Proceed as follows:

- ❍ turn A ring fig. 43 to ON and press the accelerator until the car reaches the desired speed;
- ❍ move the stalk upwards (+) for at least one second, then release it. The speed is now stored and you can therefore release the accelerator pedal.

If needed (when overtaking for instance), you can accelerate simply by pressing the accelerator pedal; when you come off the pedal, the car will return to the speed memorised previously.

RESTORING STORED SPEED

If the device was disengaged - for example by pressing the brake or clutch pedal - the stored speed can be reset as follows:

- ❍ accelerate gradually until reaching a speed approaching the one stored;
- ❍ engage the gear selected at the time of speed storing;
- ❍ press RES button (B-fig. 43).

INCREASING THE STORED SPEED

Press the accelerator and store the new speed or move the stalk upwards (+). Each movement of the stalk will correspond to an increase in speed of about 1 km/h, while keeping the stalk held upwards the speed will continuously increase.

REDUCING THE STORED SPEED

Deactivate the device and store the new speed or move the stalk downwards (—) until the new speed is reached. It will then automatically be stored. Each movement of the stalk will correspond to a reduction in speed of about 1 km/h, while keeping the stalk held downwards will continuously reduce the speed.

TURNING THE DEVICE OFF

To release:

- ❍ turn the A ring fig. 43 to OFF;

or

- ❍ stop the engine;

or

- ❍ press the brake pedal, the clutch or the accelerator; in this last case the system is not actually turned off but the system gives priority to the acceleration request. The device still remains active, without the need to press the RES button to return to the previous condition once acceleration is concluded.

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Turning the device off automatically

The device is automatically turned off in the following cases:

- ❍ if the ABS or VDC systems intervene;
- ❍ with car speed below the preset limit;
- ❍ in the event of system fault.

Do not position the gear lever in neutral when driving with the device on.

In the event of faulty operation or fault, turn the ring A-fig. 43 to OFF and contact an Alfa Romeo Authorised Service.

CEILING LIGHTS

FRONT CEILING LIGHT fig. 44

A Switch is used to switch the ceiling lights on/off.

A Switch positions:

- ❍ central position (position 1): C and D lights come on/off when the doors are opened/closed;
- ❍ pressed to the left (position 0): C and D lights are always off;
- ❍ pressed to the right (position 2): C and D lights are always on.

Lights are gradually switched on/off.

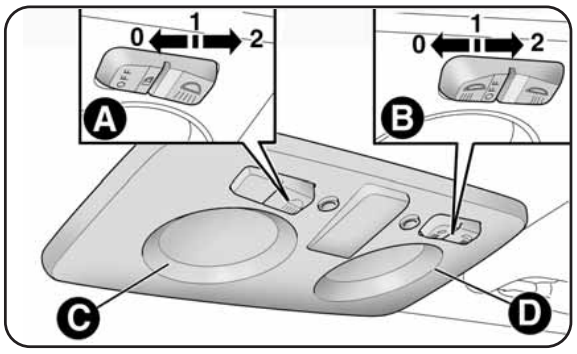

fig. 44 A0K0061m

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B switch operates the map reading light.

B switch positions:

- ❍ central position (position 1): C and D lights are always off;
- ❍ pressed to the left (position 0): C light on;
- ❍ pressed to the right (position 2): D light on.

IMPORTANT Before getting out of the car, make sure that both switches are in the central position: closing the doors the lights will go out avoiding to drain the battery.

In any case, if the switch is left inadvertently in the On position, the ceiling lights will turn off automatically 15 minutes after turning the engine off.

CEILING LIGHT TIMING

On certain versions, two different timed switching-on modes have been provided to facilitate getting in/out of the car at night or with poor lighting.

Timing while getting into the car

The ceiling lights switch on according to the following modes:

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

The timing is interrupted when the ignition is turned to MAR.

Timing while getting out of the car

After removing the key from the ignition switch, the courtesy lights will turn on as follows:

- ❍ within 2 minutes from turning the engine off for about 10 seconds;
- ❍ for about 3 minutes when one of the doors is opened;
- ❍ when one of the doors is closed for about 10 seconds.

Timing will stop automatically when locking the doors.

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REAR CEILING LIGHT

Press the A lens fig. 45 to turn the light on/off.
The light will stay on for a few seconds after the doors are closed and will then go off automatically. The light will go out when the ignition is turned to MAR.

IMPORTANT The light will go out automatically after a few minutes if a door is forgotten open. Open another door or close and reopen the concerned door.

COURTESY LIGHTS fig. 46

(for versions/markets, where provided)

Two B courtesy lights are present behind the sun visors. Lift the A cover to turn the lights on.

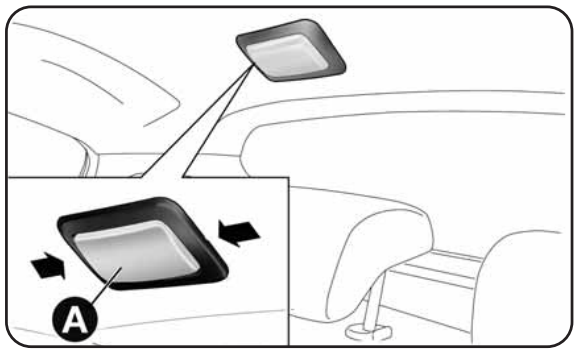

fig. 45 A0K0092m

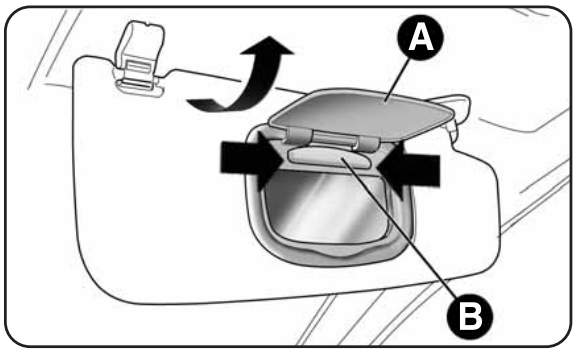

fig. 46 A0K0114m

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PUDDLE LIGHTS fig. 47

These lights are located in the front and rear doors. They are turned on/off when any door is opened regardless of the position of the ignition switch.

BOOT LIGHT fig. 48

This is located on the left-hand side of the boot. This light comes on automatically when the boot is opened and switches off when it is closed.
The light will be turned on/off regardless of the position of the ignition key.

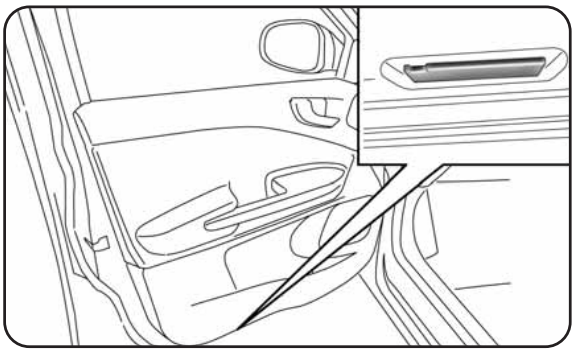

fig. 47 A0K0221m

GLOVE COMPARTMENT LIGHT fig. 49

This light comes on automatically when the glove compartment is opened and switches off when it is closed.
The light will be turned on/off regardless of the position of the ignition key.

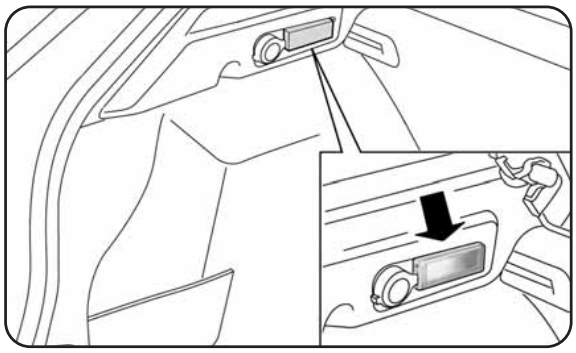

fig. 48 A0K0141m

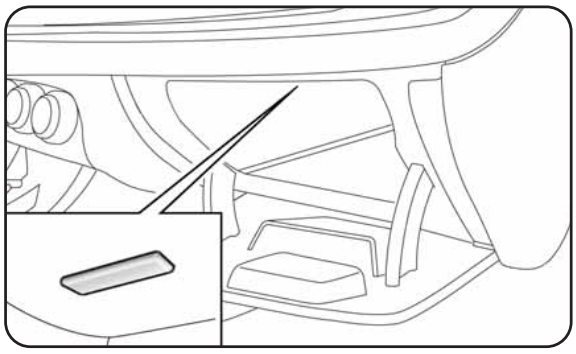

fig. 49 A0K0171m

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CONTROLS

HAZARD WARNING LIGHTS fig. 50

Press A switch to switch on/off the lights. ⇦ and ⇨ warning lights come on and the A switch will flash when the lights are on.

> ***The use of hazard lights is governed by the Highway Code of the country you are in. Keep to the rules.***

Emergency braking

In the event of emergency braking the hazard warning lights are lit up automatically along with the ⇦ and ⇨ warning lights on the instrument panel. The lights are switched off automatically when the nature of braking changes.

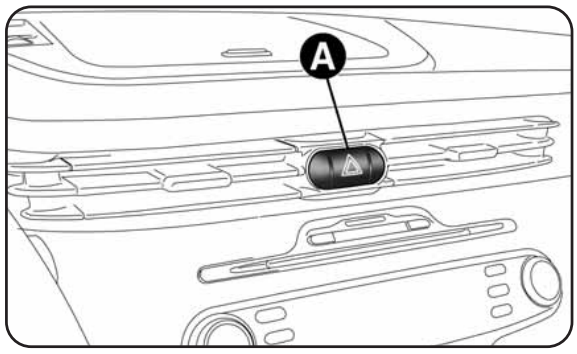

fig. 50 A0K0093m

FRONT FOG LIGHTS fig. 51

(for versions/markets, where provided)

Press ≠D button to switch on/off the lights. Press the button again to turn the lights off. The ≠D warning light on the instrument panel and the LED on the button itself will light up when the lights are on.

REAR FOG LIGHTS fig. 51

Press D≠ button to switch on/off the lights. The rear fog lights are only enabled with the dipped beam headlights on. Press the button again to turn the lights off or turn off the dipped beam headlights and/or the front fog lights (for versions/markets, where provided). D≠ warning light on the instrument panel and the LED over the button itself will light up when the lights are on.

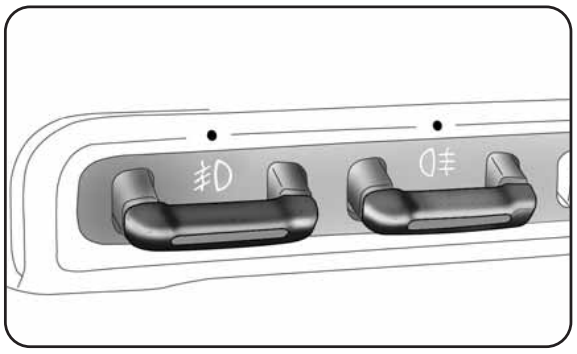

fig. 51 A0K0120m

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AFS ADAPTIVE LIGHTS (Adaptive Frontlight System) fig. 52

(for versions/markets, where provided)

This is a system combined with xenon headlamps which directs the main light beam and continuously and automatically adapts it to the driving conditions round bends/when cornering. The system directs the light beam to light up the road in the best way, taking into account the speed of the vehicle, the bend/corner angle and the speed of steering.
The adaptive lights are automatically activated when the engine is started. In this condition, LED A-fig. 52 will stay off. When the button is pressed the adaptive lights (if on) are deactivated and the LED A-fig. 52 in the button comes on continuously.
Press button again to turn the adaptive lights on (LED off).

DOOR LOCK fig. 53

Press to lock all the doors at the same time (the LED on the button will light up when the doors are locked. Locking takes place regardless of the position of the ignition key.

FUEL CUT-OFF SYSTEM

This system is tripped after a collision and activates the following functions:

- ❍ cutting off fuel supply and consequently stopping the engine;
- ❍ automatically unlocking the doors;
- ❍ turning on the inside lights.

The intervention of the system is indicated by a message shown on the display. Carefully check the car for fuel leaks, for instance in the engine compartment, below the car or near the tank area. After a crash, turn the ignition key to STOP to avoid draining the battery.

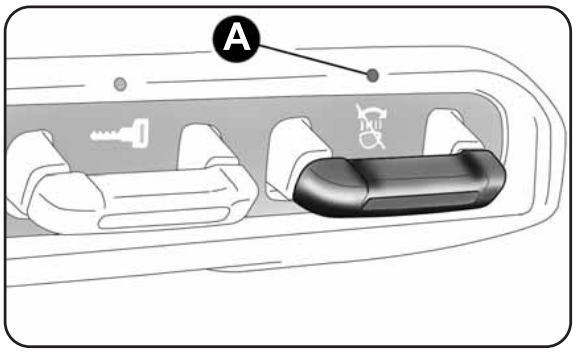

fig. 52 A0K0123m

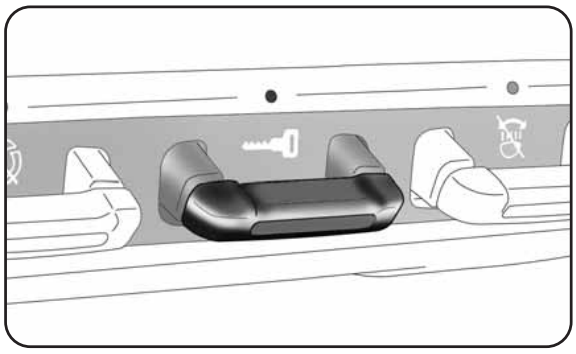

fig. 53 A0K0145m

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Follow the procedure below to restore correct operation of the car:

- ❍ turn the ignition key to MAR;
- ❍ activate the right-hand direction indicator;
- ❍ deactivate the right-hand direction indicator;
- ❍ activate the left-hand direction indicator;
- ❍ deactivate the left-hand direction indicator;
- ❍ activate the right-hand direction indicator;
- ❍ deactivate the right-hand direction indicator;
- ❍ activate the left-hand direction indicator;
- ❍ deactivate the left-hand direction indicator;
- ❍ turn the ignition key to STOP.

If, after a collision, you smell fuel or notice leaks from the fuel system, do not reset the system to avoid fire risk.

INTERIOR FITTINGS

GLOVE COMPARTMENT

Upper compartment

Operate in the point shown by the arrow to open the compartment A-fig. 54.

Passenger side glove compartment

Operate A handle fig. 55 to open the compartment. When the compartment is opened a courtesy light comes on.
There is a map pocket in the compartment and a sunglass holder on the back of the hatch.

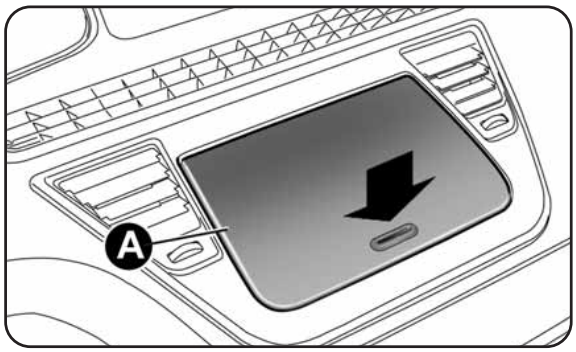

fig. 54 A0K0142m

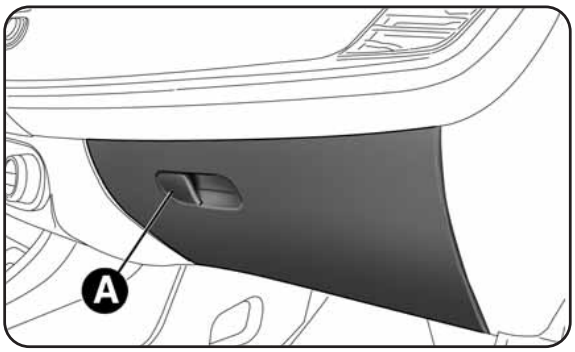

fig. 55 A0K0100m

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On some versions the compartments may be heated/cooled by an air vent connected to the climate control system (operate wheel A-fig. 55a to adjust the air flow rate to the lower compartment). In versions with dual-zone automatic climate control system, the glove compartment is set to the same temperature as the passenger's side.

In versions with dual zone automatic climate control system, a bottle/can holder is present inside the compartment on passenger side.

One 50 cl bottle and two slim cans can be fitted inside at the same time. The handbook may be inserted under the bottle holder with the longer side facing towards the front of the car.

Do not travel with the compartments open: the front seat occupants could be injured in case of an accident.

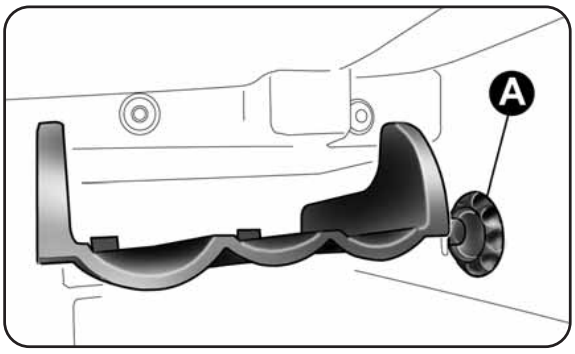

fig. 55a A0K0185m

FRONT ARM REST

(for versions/markets, where provided)

This is located between the front seats. To bring this to the standard position of use, push it down as shown in the figure. There is a compartment inside the arm rest: lift the A cover fig. 56 to access the compartment.

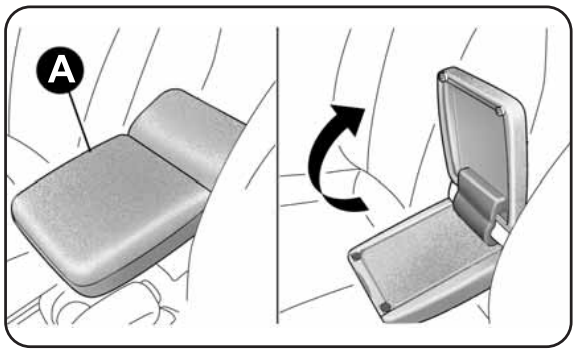

fig. 56 A0K0166m

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REAR ARM REST fig. 57

(for versions/markets, where provided)

To use A armrest fig. 57, lower it as shown in the figure. Two B cup or can holders are obtained in the arm rest. To use these, pull C tab in the direction shown by the arrow.
These is also an oddments compartment provided in the armrest; this can be accessed by raising the flap.

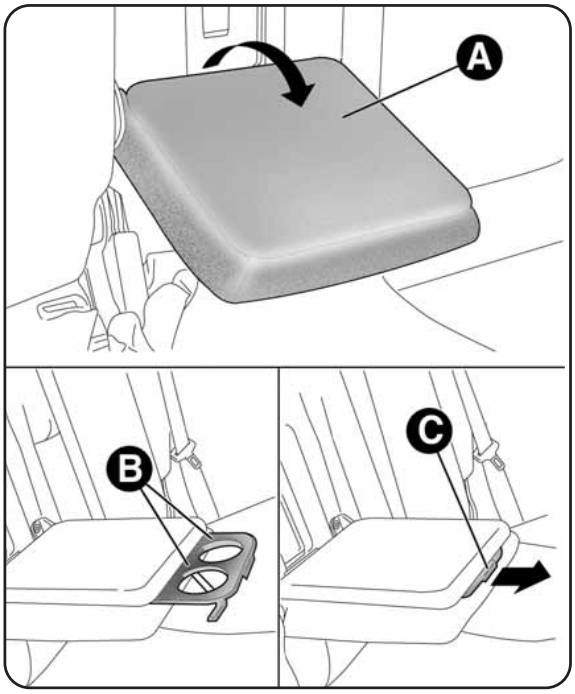

fig. 57 A0K0211m

SKI COMPARTMENT fig. 57a

(for versions/markets, where provided)

The compartment may be used for carrying long loads. To access the compartment, lower the rear arm rest and then press A device fig. 57a to lower the B hatch.

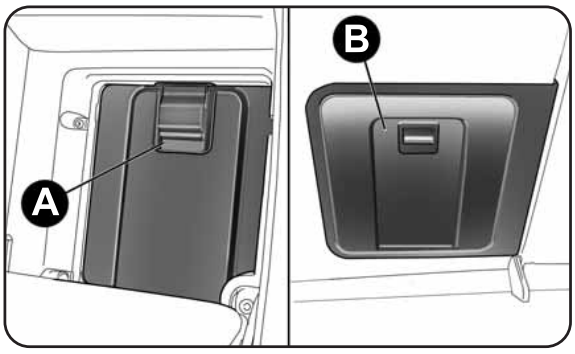

fig. 57a A0K0217m

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POWER SOCKET fig. 58

This is located on the left-hand side of the boot. This operation is possible only with the key turned to MAR.

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

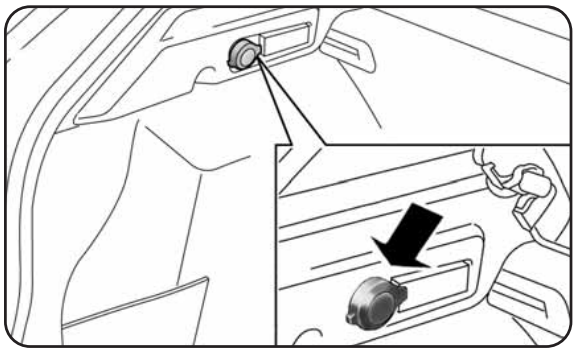

fig. 58 A0K0140m

CIGAR LIGHTER fig. 59

This is located on the central tunnel. Press A button to activate the cigar lighter. After a few seconds the button goes back to its initial position and the cigar lighter is ready for use.

IMPORTANT Always check that the cigar lighter has turned itself off.

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

The cigar lighter becomes very hot. Handle it carefully and make sure children don't touch it: risk of fire and/or burning.

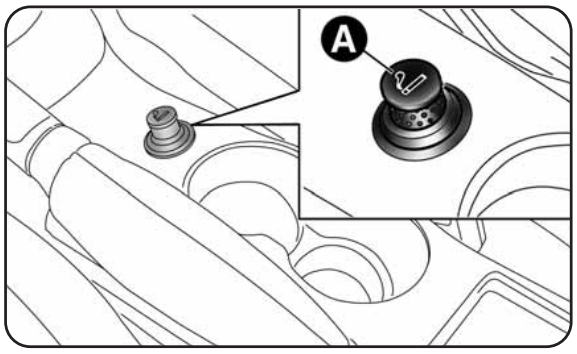

fig. 59 A0K0087m

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ASHTRAY fig. 60

The ashtray is a removable plastic box with spring loaded opening that can be fitted into the glass/can holder on the central console.

IMPORTANT Do not use the ashtray as a waste paper basket: it might catch fire in contact with cigarette stubs.

SUN VISORS fig. 61

These are located at the sides of the internal rearview mirror. They may be positioned at the front and to the side.

A courtesy mirror with light is fitted behind the visors. The light allows to use the mirror in poor visibility conditions. Lift the A cover fig. 61 to access the mirror.

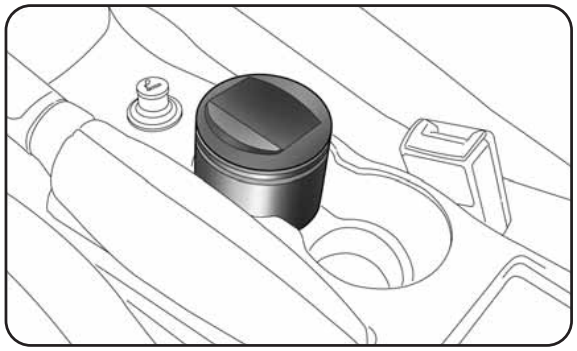

fig. 60 A0K0112m

FIRE EXTINGUISHER fig. 62

(for versions/markets, where provided)

This is located under the passenger seat.

NOTE On some versions, the fire extinguisher is fitted on the right side of the boot inside a specific container.

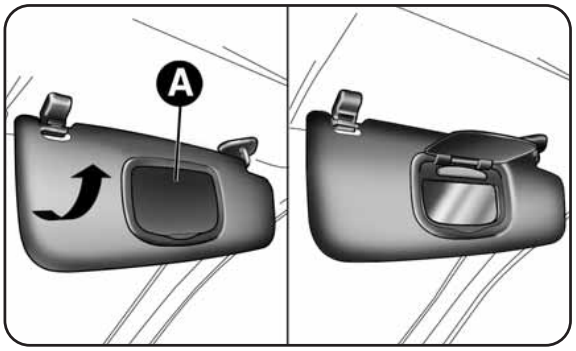

fig. 61 A0K0113m

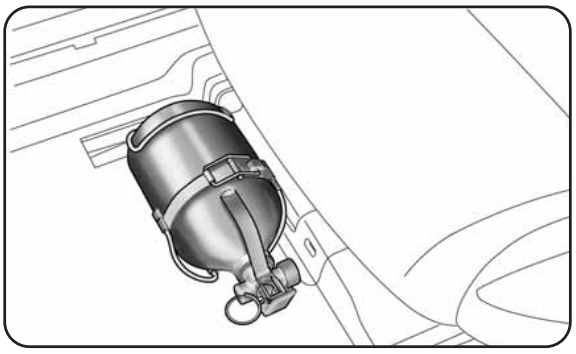

fig. 62 A0K0212m

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ELECTRIC SUN ROOF

(for versions/markets, where provided)

The sun roof comprises two glass panels; the front one is mobile and the rear one fixed. These are equipped with two sun blinds (front and rear) that can be moved manually. With the sun roof closed, the blinds can be placed in any position.

OPERATION

The sunroof can be operated only with the ignition key turned to MAR. The controls A and B-Fig. 63 on the front courtesy light trim, operate the sun roof opening/closing functions.

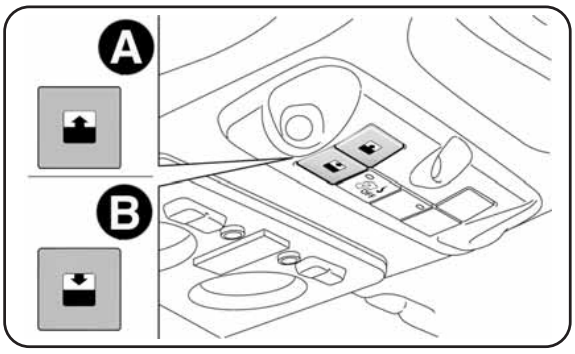

fig. 63 A0K0131m

Opening the sunroof

Press button A-fig. 63 and hold it pressed: the front glass panel will assume the spoiler position. Press button A again and operate the control for longer than half a second to move the roof window to an intermediate position ("Comfort" position).

Press the opening control for longer than half a second to open the roof entirely. The front panel can be stopped in an intermediate position by pressing button A again.

Closing the sunroof

With the sunroof in the fully open position, press button B-fig. 62 and, if the button is operated for more than half a second, the front roof glass with automatically assume the intermediate position (comfort position).

If the button is operated again for about half a second the roof will assume the spoiler position. Lastly, if the button B is pressed again, the roof will assume the fully closed position.

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Do not open the sun roof in the presence of snow or ice: it may be damaged.

When leaving the car, always remove the key from the ignition device to avoid the risk of injury due to accidental operation of the sun roof; it presents a risk to those left on board: improper use of the roof can be dangerous. Before round during operation, always check that no-one is at risk of being injured by the moving sunroof or by objects getting caught and dragged by it.

ANTI-PINCH SAFETY SYSTEM

The sun roof has an anti-pinch safety system capable of detecting the presence of an object whilst the roof is closing; when this happens the system stops and the glass travel is immediately reversed.

SUN CURTAINS

Grip the handle A-fig. 64 to open the curtain and pull in the direction of the arrow to achieve the required position. To close them, carry out the procedure in reverse.

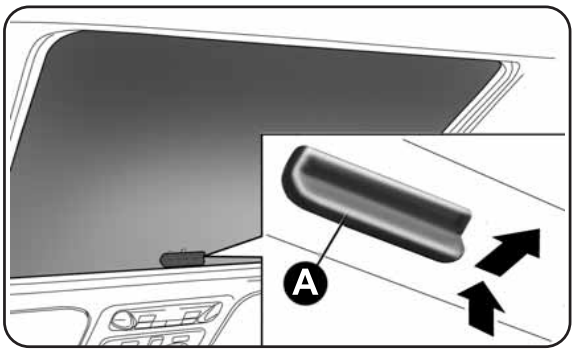

fig. 64 A0K0233m

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INITIALISATION PROCEDURE

The sunroof must be re-initialised after disconnecting the battery or if the relevant protection fuse is blown.

Proceed as follows:

- press button B-fig. 63 until the roof is entirely closed. Then release the button;
- press B button and keep it pressed for at least 10 seconds and/or until the glass panel clicks forwards. Release the button at this point;
- press button B within 5 seconds of this operation and keep it pressed: the glass panel will complete a full opening and closing cycle. Only release the button at the end of this cycle.

MAINTENANCE/EMERGENCY

In case of emergency or maintenance the roof can be moved manually when there is no power supply (opening/closing of the front glass panel) by carrying out the following operations:

- remove cap A-fig. 65 set between the two sun curtains;
- take the Allen key B supplied, which is located in the on-board documentation container or in the tool container in the luggage compartment;
- introduce the key into housing C and turn it:
  - clockwise to open the roof;
  - anti-clockwise, to close the roof.

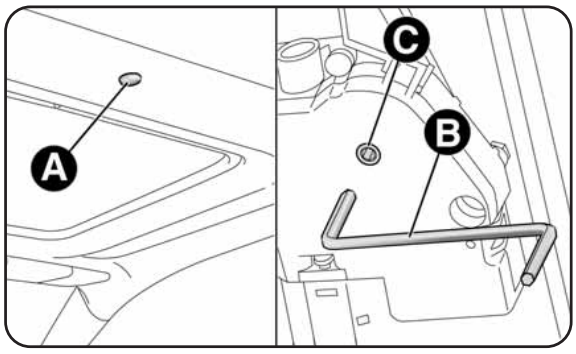

fig. 65 A0K0132m

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DOORS

CENTRAL DOOR LOCKING/UNLOCKING FUNCTION

Locking the doors from the outside

With the doors closed press button on the remote control or turn the metal insert (located inside the key) in the driver's door lock. The LED over the button will light up to indicate that the doors have been locked.

The door locking function is operated:

- with all the doors closed;
- with all the doors closed and boot open.

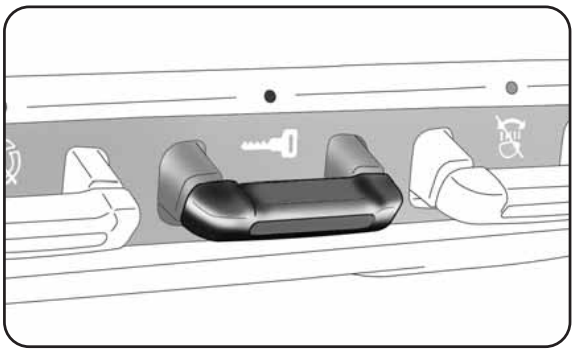

fig. 66 A0K0145m

Unlocking the doors from the outside

Press button on the remote control or turn the metal insert (located inside the key) in the driver's door lock.

Locking/unlocking the doors from the inside

Press . The button has an LED that indicates the state (locked or unlocked) of the doors.

LED on: doors locked. Press the button again to unlock all doors and switch the LED off:

LED off: doors unlocked. Press the button again to lock all doors. The doors will be locked only if all the doors are properly shut.

Once the doors have been locked via the remote control or the key pawl, it will no longer be possible to unlock them by pressing button .

IMPORTANT With the central locking function on, pull the inside lever on the passenger's door to unlock the door (the LED will stay on). All doors will be unlocked if the inside lever on the driver's door is pulled.

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

If a power supply is not present (blown fuse, battery disconnected, etc.) it is, however, possible to lock the doors manually.

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CHILD LOCKS

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

This device A-fig. 67 can be engaged only with rear doors open:

- position 1 - device engaged (door locked);
- position 2 - device not engaged (door may be opened from the inside).

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

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

Always use this device when carrying children.

After engaging the child lock on both rear doors, check for proper engagement by trying to open a rear door with the internal handle.

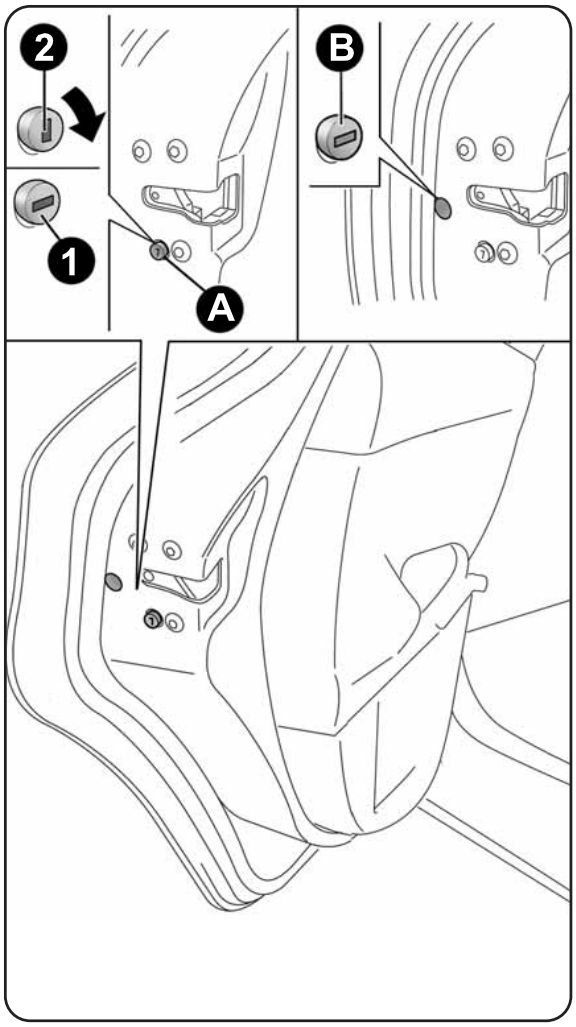

fig. 67

A0K0167m

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DOOR LOCK EMERGENCY DEVICE

Front passenger door

The front passenger door has a device to lock it when there is no current. To lock it, fit the metal insert of the ignition key in the seat A-fig. 67a and move it upwards.

Rear passenger door

The rear doors are fitted with an emergency device that allows the doors to be locked when there is no current.

Proceed as follows:

- ❍ insert the metal insert on the ignition key in the seat B-fig. 67;
- ❍ turn the key anticlockwise and then remove it from the seat B.

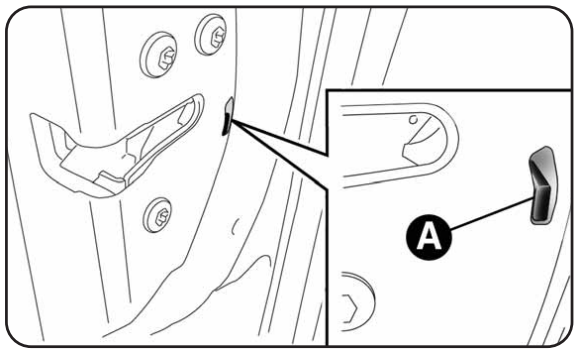

fig. 67a A0K0275m

The door lock knob can be realigned (only when the battery charge has been restored) as follows:

- ❍ press button on the key;
- ❍ press on the instrument panel to lock/unlock the doors;
- ❍ open the front door by inserting the key in the pawl;
- ❍ pull the internal door handle.

If the child lock was engaged and the previously described locking procedure carried out, operating the internal handle will not open the door but will only realign the door lock knobs. To open the door, the outside handle must be used. The door central locking/unlocking button is not disabled by the engagement of the emergency lock .

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

- ❍ shut all the doors;
- ❍ press button on the key or door locking/unlocking button on the instrument panel;
- ❍ press button on the key or door locking/unlocking button on the instrument panel.

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ELECTRIC WINDOWS

The window winders work with the ignition key at MAR and for approximately three minutes after turning the key to STOP or extracting it and opening one of the front doors.

The control buttons are located in the door panels (the driver's door panel can be used to operate all the windows).

An anti-pinch device is operated when the front and rear windows are wound up.

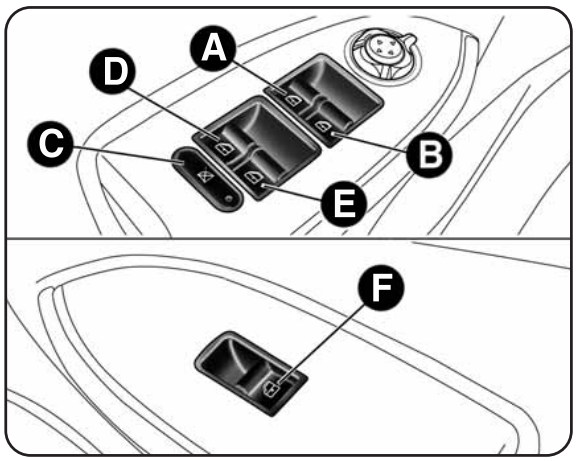

fig. 68

A0K0067m

CONTROLS fig. 68

Front door driver's side

A. opening/closing left hand front window; "continuous automatic" operation during window opening/closing stage;

B. opening/closing right hand front window; "continuous automatic" operation during window opening/closing stage;

C. enabling/disabling of rear door electric window controls;

D. opening/closing left hand rear window (for versions/markets, where provided); "continuous automatic" operation during window opening/closing stage;

E. opening/closing right hand rear window (for versions/markets, where provided); "continuous automatic" operation during window opening/closing stage;

Press the buttons to open/close the required window. When one of the two buttons is pressed briefly, the window moves in stages; if the button is held down, "continuous automatic" operation is activated both for closing and opening. If the button is pressed again the window will stop in its current position. Holding the button pressed for a few seconds, the window automatically raises or lowers (only with key on MAR).

Front door passenger's side/rear doors

(for versions/markets, where provided)

On the passenger side front door control panel, and on some versions also on the rear doors, buttons F-fig. 68 are provided to control the relevant windows

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Anti-pinch device

The car is equipped with an anti-pinch safety device for the upwards motion of the windows.
The windows are fitted with an anti-pinch safety system that detects the presence of an obstacle when they are closing and cuts in by stopping the window and reversing it according to the position of the window. This device is also useful when the windows are activated accidentally by children on board the car.
The anti-pinch function is active both during manual and automatic operation of the electric windows. Following the intervention of the anti-pinch system, the window travel is immediately interrupted and subsequently reversed until the lower end of travel is reached. The window cannot be operated in any way during this time.

IMPORTANT If the anti-pinch protection intervenes 5 consecutive times within a minute or is faulty, the automatic closing operation of the window is inhibited, only allowing it in steps of half a second; the button is released for the subsequent manoeuvre.

Open the concerned window to restore correct operation of the system.

IMPORTANT With ignition key at STOP or removed, the electric windows remain active for about 3 minutes and are deactivated the moment a door is opened.

IMPORTANT On some versions when the 🔓 button on the remote control is pressed for longer than 2 seconds the windows will open, whilst if the 🔒 button is pressed for longer than 2 seconds the windows will close.

The system conforms to the 2000/4/EC standard concerning the safety of passengers leaning out of the passenger compartment.

Incorrect use of the electric windows may be dangerous. Before and during operation, always check that no passenger is at risk of being injured directly by the moving window or by objects getting caught in or dragged by the window. When leaving the car, always remove the key from the ignition device to avoid the risk of injury due to accidental operation of the electric windows. This is a danger to the people still on board.

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Electric window system initialisation

The system must be re-initialised after disconnecting the battery or if the relevant protection fuse is blown.

Initialisation procedure:

- ❍ fully close the window manually to initialise;
- ❍ after the window has reached the upper end of travel, hold the up button pressed for at least one second.

IMPORTANT For versions/markets where provided, following the disconnection of the power supply (replacing or disconnecting the battery or replacing the protection fuse for the electric window control units), the automatic setting for the electric windows must be reset.

The reset operation should be carried out with the doors closed according to the following procedure:

1. completely lower the driver-side window and keep the button pressed for at least 3 seconds once the end of travel position has been reached (lower end stop);
2. completely raise the driver-side window and keep the button pressed for at least 3 seconds once the end of travel position has been reached (upper end stop);
3. repeat stages 1 and 2 also for the passenger's window
4. check that the initialisation has taken place correctly by checking the automatic operation of the windows.

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BOOT

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

OPENING

When unlocked, the boot can be opened from outside by pressing the electric logo fig. 69 until a click is heard or by pressing button on the remote control.
The direction indicators and internal light will blink twice when the boot is opened: the light will go out automatically when the boot is closed. If the boot is left open, the light will go out automatically after several minutes.

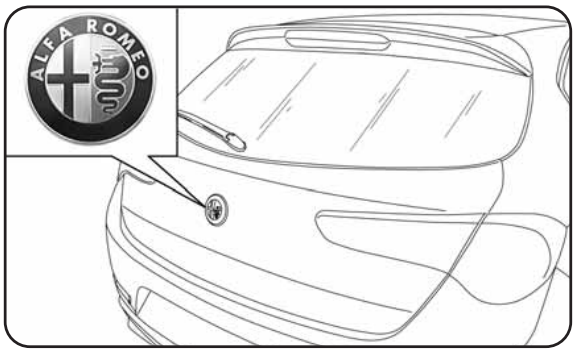

fig. 69 A0K0068m

Emergency opening from the inside

Proceed as follows:

- remove the rear head restraints and completely fold back the seats (see the paragraph on "Expanding the boot");
- press lever A-fig. 70.

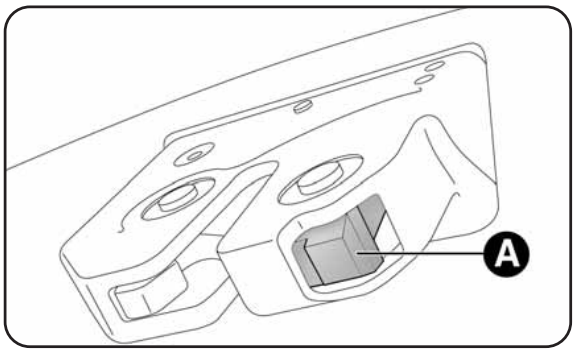

fig. 70 A0K0069m

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CLOSING

To close, lower the tailgate and press down near the lock until you hear it click. Handles A-fig. 71 are provided on the inside of the tailgate to help grasping to close the tailgate.

IMPORTANT Before closing the boot make sure that you have the keys with you because the boot will be locked automatically.

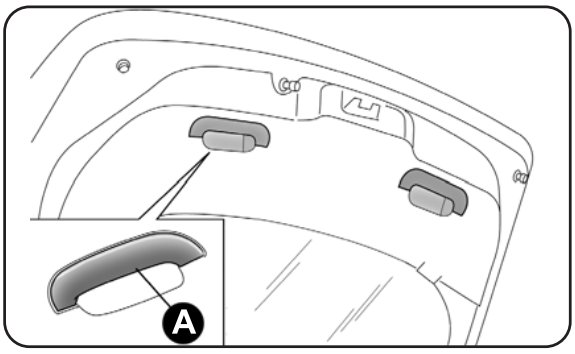

fig. 71 A0K0181m

BOOT INITIALISATION

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

- close all the doors and the boot;
- press button 🔒 on the remote control;
- press button 🔓 on the remote control.

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EXPANDING THE BOOT

The boot can be partially (1/3 or 2/3) or totally extended by splitting the rear seat. See the descriptions in "Removing the parcel shelf" and "Folding back the seats" paragraphs for how to expand the boot.

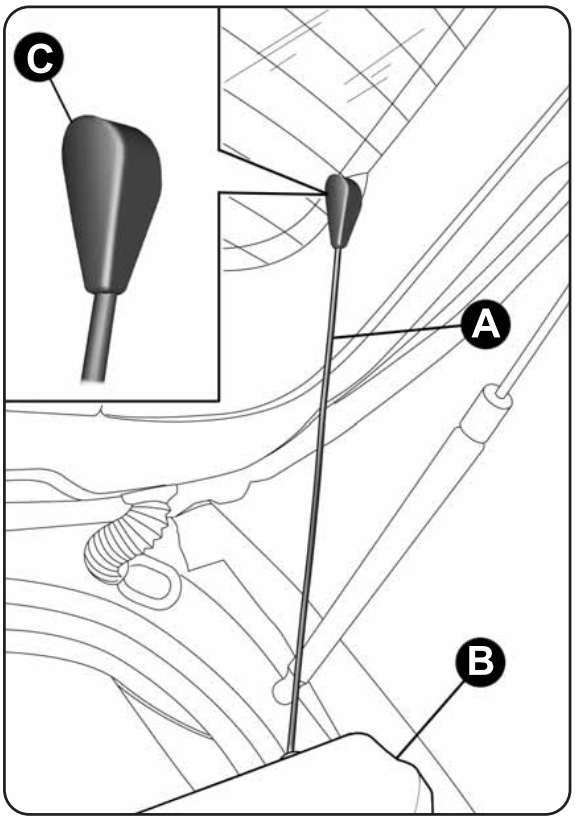

fig. 72 A0K0070m

Removing the parcel shelf

Proceed as follows:

- ❍ free the ends of the two links A-fig. 72 supporting the parcel shelf B, releasing eyelets C from supporting pins D;
- ❍ release the pins A-fig. 73 on the outer side of the shelf, and then remove the shelf B by pulling it outwards.
- ❍ after removal, the parcel shelf can be loaded sideways into the boot or placed between the front seat backrests and the folded-back rear seats (with the luggage compartment completely expanded).

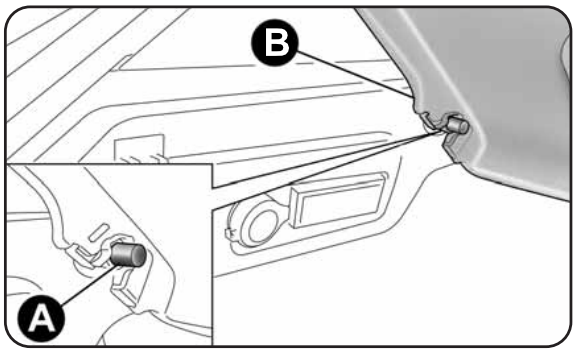

fig. 73 A0K0182m

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Folding back the seats

Proceed as follows:

- ❍ raise the head restraints to the maximum height, press both buttons A and B -fig. 74 to the side of the two supports, then remove the head restraints by sliding them upwards;
- ❍ move the seat belts making sure that they are correctly extended and not twisted;
- ❍ lift the lever A-fig. 75 to fold the left or right portion of the backrest and then accompany the backrest and the cushion (a red strip B will appear when the lever A if lifted) .

Repositioning the rear seat

Move the seat belts making sure that they are correctly extended and not twisted.
Lift up the backrest and push it back until a click is heard for the engagement mechanism. Make sure that the red strip on levers A-fig. 75. is no longer visible; if it is, this indicates that the backrest has not engaged. Reposition the head restraints into their housings.

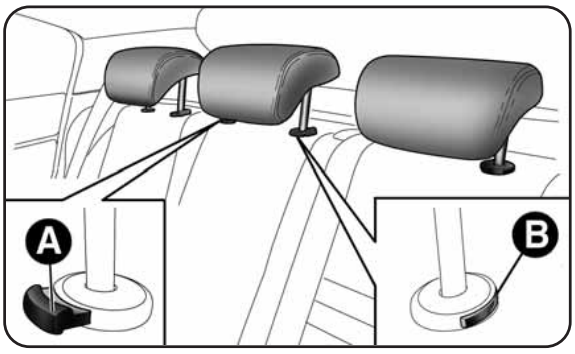

fig. 74 A0K0065m

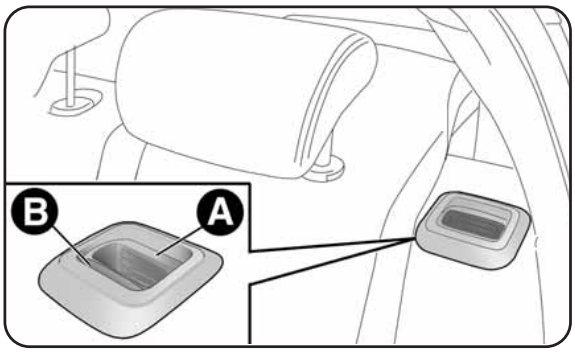

fig. 75 A0K0110m

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SECURING YOUR LOAD

Two hooks A-fig. 76 are provided in the boot for firmly securing the load and two hooks are provided on the rear crossmember B.

IMPORTANT The maximum load which can be secured to a single hook is 100 kg.

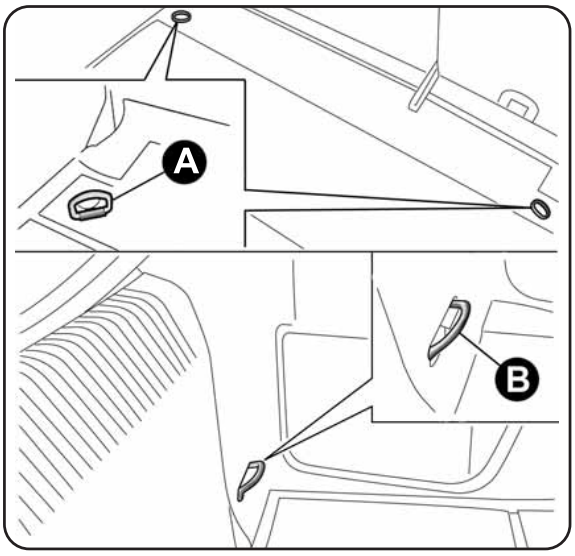

fig. 76 A0K0169m

Heavy, unsecured baggage may cause severe injury to passengers in case of an accident.

If you are travelling in areas with few refuelling stations and you want to transport fuel in a spare tank, comply with the law by using only an approved, suitably secured tank. In the event of a collision the fire risk is increased all the same.

BAG HOOKS

Bag hooks are also provided inside the boot.

CARGO NET (for versions/markets, where provided)

This is useful for correctly arranging the load and/or transporting light materials. The cargo net is available in Lineaccessori Alfa Romeo.

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BONNET

OPENING

Proceed as follows:

- ❍ pull lever A-fig. 77 in the direction indicated by the arrow;
- ❍ operate lever B in the sense indicated by the arrow and open the bonnet.

IMPORTANT Two side gas shock absorbers are provided to assist opening the bonnet. Do not tamper with the shock absorber and accompany the bonnet while lifting it.

IMPORTANT Before lifting up the bonnet make sure that the windscreen wipers are in the rest position and not operational.

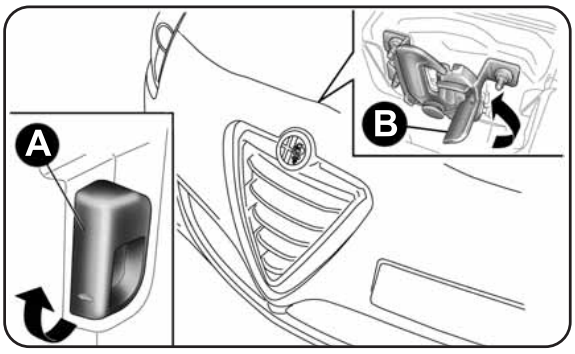

fig. 77 A0K0116m

CLOSING

Lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the safety catch by trying to open it. If it is not perfectly closed, open the bonnet and repeat the procedure. Do not simply press it.

IMPORTANT Always check that the bonnet is closed properly to avoid it opening while the car is travelling.

For safety reasons, the bonnet must always be perfectly closed while travelling. Make sure that the bonnet is perfectly closed and that the lock is engaged. If you discover whilst driving that the lock is not fully engaged, stop immediately and close the bonnet in the correct manner.

Perform these operations only when the car is stationary.

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ROOF RACK/SKI RACK

The attachments A-fig. 78 are located in the areas illustrated in the figure and can only be reached with the doors open.
A roof rack/ski rack specific for the car is available from Lineaccessori Alfa Romeo.

After having travelled several kilometres check that the attachment fixing screws are still securely fastened.

Never exceed the maximum permitted load (see the "Technical Specifications" chapter) .

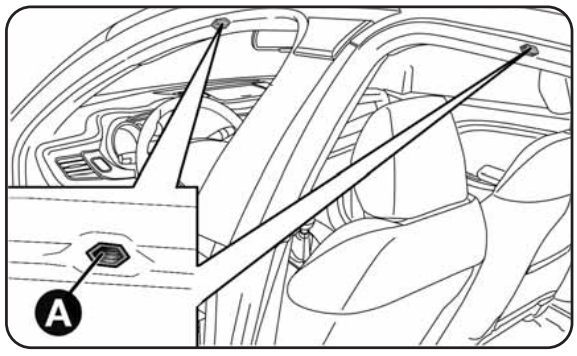

fig. 78 A0K0117m

Distribute the load uniformly and when driving take into consideration the increased sensitivity to cross winds.

Always obey local legislation regarding maximum load size.

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HEADLIGHTS

ADJUSTING THE LIGHT BEAM

The correct orientation of the headlights is important for the driver's comfort and safety as well as for all other road users. It is also a specific rule of the highway code.
The headlights must be correctly directed to ensure the best visibility conditions for all drivers. To check and, if necessary, adjust the alignment contact Alfa Romeo Authorized Services.

HEADLIGHT ALIGNMENT CORRECTOR

This device works with the ignition key in the MAR position and the dipped headlights on.

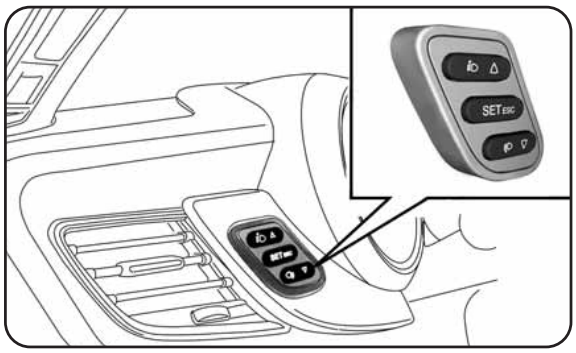

fig. 79 A0K0094m

Adjusting headlight alignment

Press and to adjust (fig. 79). The display located on the instrument panel provides a visual indication of the adjusted position.

Position 0 — one or two passengers in the front seats.

Position 1 — 4 passengers.

Position 2 — 4 passengers + load in the boot.

Position 3 — driver + maximum permitted load in the boot.

IMPORTANT Check the adjustment every time the load carried changes.

IMPORTANT If the vehicle is equipped with Bi-xenon headlights, headlight alignment is carried out automatically and therefore buttons and are not present.

FOG LIGHT ADJUSTMENT

(for versions/markets, where provided)

To check and, if necessary, adjust the alignment contact Alfa Romeo Authorized Services.

ADJUSTING THE HEADLIGHTS WHEN ABROAD

The dipped beam headlights are aligned to comply with the regulations of the country of purchase. When driving in countries with a different driving direction, to avoid blinding the drivers travelling in the opposite direction, it is necessary to cover the areas of the beam according to the provisions of the Highway Code of the country you are driving in.

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ABS SYSTEM

ABS is an integral part of the braking system, which prevents the wheels from locking when braking, makes the most of road grip and gives the best control when performing emergency braking under difficult road conditions.
The EBD system (Electronic Braking Force Distribution) completes the system, allowing the brake force to be distributed between the front and rear wheels.

IMPORTANT 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.

SYSTEM INTERVENTION

The brake pedal pulsates slightly and the system gets noisier: it means that the speed should be altered to suit the type of road surface.

If the ABS intervenes, it means you have almost reached the limit of grip between the tyres and the road surface: slow down to make sure you can use the available grip.

The ABS gets the most out of the available grip, but it cannot increase it; you must therefore always take care when driving on skiddy roads. Do not take any unnecessary risks.

When the ABS intervenes and you notice the brake pedal pulsating, do not be afraid to keep the pedal pushed down. This will help you to stop in the shortest distance possible, depending on the road conditions.

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VDC SYSTEM (Vehicle Dynamics Control)

This is an electronic system that controls vehicle stability in the event of tyre grip loss, helping maintain directional control. The system is capable of recognising potentially dangerous situations in terms of the stability and intervenes automatically on the brakes in a differentiated manner for the four wheels in order to provide a stabilizing torque.

The VDC, in turn, includes the following systems:

- Hill Holder
- ASR
- Brake Assist
- MSR
- CBC
- "ELECTRONIC Q2" ("E-Q2")
- DST
- RAB

SYSTEM INTERVENTION

This is signalled by warning light Ⓐ blinking on the instrument panel to inform the driver that stability and grip conditions are critical.

SYSTEM ACTIVATION

The VDC system switches on automatically each time the engine is started and cannot be switched off.

HILL HOLDER SYSTEM

This system is an integral part of the VDC system and it is provided to facilitate starting on slopes.

It is activated automatically in the following instances:

- uphill: car standing on a road with a gradient of more than 5%, engine on, brake pedals pressed and gearbox in neutral or gear (other than reverse) engaged;
- downhill: car at a standstill on a road with a gradient higher than 5%, engine running, brake pedal pressed and reverse gear engaged.

When setting off the VDC system control unit maintains the braking pressure at the wheels until the engine torque required for departure is reached or for approximately 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator.

If the car does not start off after this time, the system will deactivate automatically by gradually releasing the brake force. A noise may be heard: this means that the car is about to start moving.

IMPORTANT the Hill Holder system should not be used as a handbrake. Do not leave the vehicle without having engaged the handbrake, switched off the engine and engaged a gear.

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ASR SYSTEM (AntiSlip Regulation)

It is an integral part of the VDC system. It intervenes automatically if one or both of the drive wheels is slipping, there is a loss in grip on a wet surface (aquaplaning), acceleration on slippery, snow-covered or icy surfaces, etc.

Depending on how slippery the road is, two different control systems are activated:

- ❍ if the slipping involves both drive wheels, the ASR intervenes reducing the power transmitted by the engine;
- ❍ if the slipping only involves one of the drive wheels, the ASR intervenes automatically braking the wheel that is slipping.

⚠ *In order for the ESP and ASR systems to operate correctly, it is essential that the tyres are of the same brand and type on all wheels, in perfect condition and, above all, of the specified type, brand and size.*

⚠ *If the space saver wheel is used, the VDC system keeps operating. Be aware however that the space saver wheel, being smaller than the original wheel, provides less grip.*

⚠ *The performance of the VDC and ASR systems should not encourage the driver to take unnecessary risks. Your driving style should always take road conditions, visibility and traffic into account. The driver is always ultimately responsible for road safety.*

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BRAKE ASSIST (emergency braking assistance)

The system, which cannot be turned off, recognises emergency braking (on the basis of the brake pedal operating speed) and speeding up the response of the braking system. The Brake Assist function is deactivated in the event of VDC system fault.

MSR SYSTEM (Motor Schleppmoment Regelung)

This system is an integral part of the ABS, that intervenes, if there is a sudden change to a lower gear, restoring torque to the engine, thereby preventing excessive drive at the drive wheels which, especially in poor grip conditions, could lead to a loss in stability.

CBC SYSTEM (Cornering Braking Control)

This system improves the distribution of the braking pressure at the four wheels (to fully exploit the grip available on the ground) when braking round bends when the ABS intervenes. This improves stopping distances and above all vehicle stability when cornering.

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

The "Electronic Q2" system uses the braking system to create an effect similar to a limited slip differential.
The front braking circuit, when accelerating around a corner, acts on the inside wheel to increase the drive to the outside wheel (increased load), dynamically and continuously distributing the torque between the front drive wheels according to driving and road conditions.
The system, combined with Mc Pherson front suspension, allows particularly effective, sporty driving.

DST SYSTEM (Dynamic Steering Torque)

This function integrates Dual Pinion active steering into the operation of VDC. For particular manoeuvres, VDC controls the steering to actuate a steering torque and assist the driver in the best possible way. The system operates the brakes and steering in a coordinated manner to increase the suspension and safety level of the car as a whole. The steering provides addition torque on the steering wheel.

RAB SYSTEM (Ready Alert Brake) ("Dynamic" mode only)

By pre-approaching the brake pads (front and rear) after rapid accelerator release, this function provides prompter braking and reduces stopping distance.

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"Alfa DNA" SYSTEM (Dynamic control system)

This device allows, using switch A-fig. 80 (on the central tunnel), three response modes to be selected according to driving style and road conditions:

- d = Dynamic (for sporty driving)
- n = Normal (normal driving mode)
- a = All Weather (driving mode for poor grip conditions, i.e. rain and snow on the road)

The device also acts on the dynamic vehicle control systems (engine, steering, VDC system, instrument panel).

When the lever A-fig. 80 is moved to "d" position, the activation of "Dynamic" mode is confirmed by a temporary variation in the brightness (flashing) of the instrument panel.

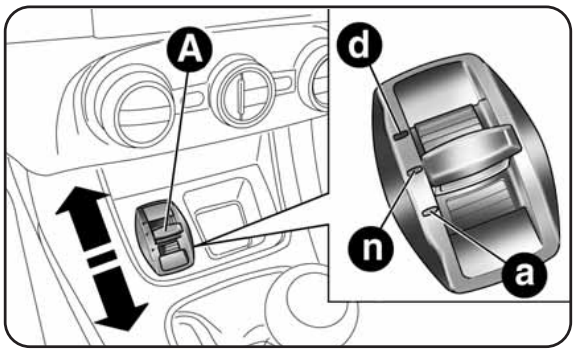


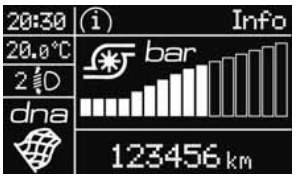
fig. 80 A0K0072m

DRIVING MODES

Switch A-fig. 80 is a monostable switch, i.e. it always remains in the central position. The selected driving mode is indicated by the corresponding LED coming on in the panel and by an indication on the reconfigurable multifunction display, as illustrated below:

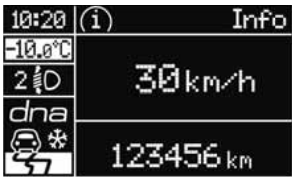
Dynamic mode

(display image available for versions/markets where provided)



A0K0009m

All Weather mode



A0K0010m

"Normal" mode

When "Normal" mode is selected, no messages or symbols are shown on the display.

VDC and **ASR**: operating thresholds set for normal comfort level for normal driving conditions.

Steering tuning: functions aimed at providing comfort in normal conditions of use.

DST: Standard braking control coordinated with ABS/VDC.
Standard control over lateral acceleration.
Oversteer compensation: a slight pulse on the steering wheel encourages the driver to carry out the most appropriate manoeuvre.

Engine: Standard responsiveness

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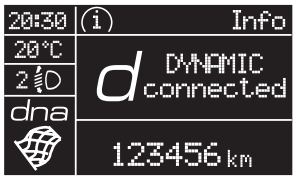
TURNING "Dynamic" MODE ON/OFF

On

Move lever A-fig. 80 upwards (to the letter "d") and hold in this position for 0.5 seconds until the corresponding LED lights up or the word "Dynamic" appears on the display (see figures). The switch A will go back to central position after having been released.



A0K1055g

A0K1225g

VDC and **ASR**: intervention thresholds that allow more enjoyable, sportier driving whilst guaranteeing stability in the event of loss of control. Improves traction whilst accelerating on bends.

Steering tuning: sports mode operation.

DST:Standard brake control coordinated with ABS/VDC.
Standard control over lateral acceleration
Oversteer compensation adapted to VDC/ASR intervention thresholds: a slight pulse on the steering wheel encourage the driver to carry the most appropriate manoeuvre.

Engine: Prompter response + Overboost to maximise torque (for versions/markets, where provided).

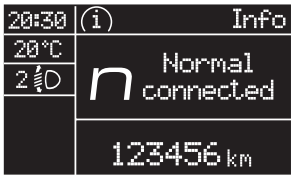
Electronic Q2: improves traction and reduces understeer in acceleration while exiting curves.

RAB: pre-positioning of the brake pads (front and rear) following a rapid release of the accelerator pedal to reduce braking times, shorten stopping distances and improve the feel of the brake pedal.

The activation of the Dynamic mode is also shown by the change in the instrument panel lighting that, after decreasing, reaches the highest luminosity and then returns to the previously set values.

Off

To turn "Dynamic" mode off and go back to "Normal" mode, move the lever as described above once again. In this case, the LED corresponding to "Normal" mode will light up and the words "Normal on" will appear on the reconfigurable multifunction display (see figure).



A0K1052g

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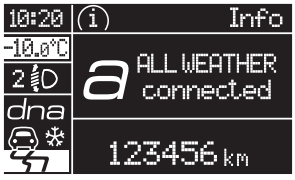
TURNING "All Weather" MODE ON/OFF

On

Move switch A-fig. 80 downwards (to the letter "a") and hold in this position for 0.5 seconds until the corresponding LED lights up or the word "All Weather" appears on the display (see figures).



A0K1180g

A0K1226g

VDC and **ASR**: intervention thresholds to ensure maximum safety and control even in critical conditions (e.g. rain, snow, etc.).

Steering wheel tuning: Standard comfort.

DST: Higher brake control coordinated with ABS/VDC.
Standard control over lateral acceleration
Oversteer compensation adapted to VDC/ASR intervention thresholds: a slight pulse on the steering wheel encourages the driver to carry the most appropriate manoeuvre.

Engine: Standard response

On

To disengage "All Weather" mode and return to "Normal", carry out the same procedure described for"Dynamic" mode, however moving lever A-fig. 80 to "a".

IMPORTANT

- It is not possible to go directly from "Dynamic" mode to "All Weather" mode and vice versa. You must always first go back to "Normal" mode and then select the other mode.
- "Dynamic" mode was engaged when the engine was switched off, the next time it is started "Normal" mode is automatically selected. If, however, "All Weather" or "Normal", was engaged when the engine was switched off, the selected mode is maintained the next time it is started.
- "Dynamic" mode cannot be engaged at speeds of above 110 km/h.
- In the event of system failure or a fault with lever A-fig. 80, no driving modes can be selected. The display will show a warning message.

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START&STOP SYSTEM

(for versions/markets, where provided)

The Start&Stop system automatically stops the engine whenever the car is stationary and starts it again when the driver wants to move off. This improves the efficiency of the vehicle by reducing fuel consumption, the emission of harmful gases and noise pollution.

The system is active every time the engine is started.

OPERATING MODES

Engine stopping mode

With the car at a standstill, the engine stops with the gearbox in neutral and the clutch released.

NOTE The engine can only be stopped automatically after a speed of about 10 km/h is reached, to prevent the engine from being repeatedly stopped when driving at walking pace.

Symbol Ⓢ fig. 81 appears on the display when the engine stops.

Engine restarting mode

Press the clutch pedal to restart the engine.

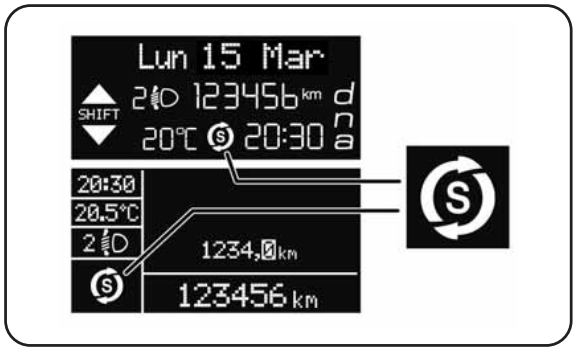

fig. 81

A0K0163m

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TURNING THE SYSTEM ON/OFF MANUALLY

Press fig. 82 on the dashboard to turn the system on and off manually.

Turning the Start&Stop system on

A message will appear on the display when the Start&Stop system is on. In this condition, LED A-fig. 82 located over button is off.

Turning the Start&Stop on

- Versions with multifunction display: a message will appear on the display when the Start&Stop system is off.
- Versions with reconfigurable multifunction display: symbol and a message will appear on the display when the Start&Stop system is off.

LED A-fig. 82 is on when the system is off.

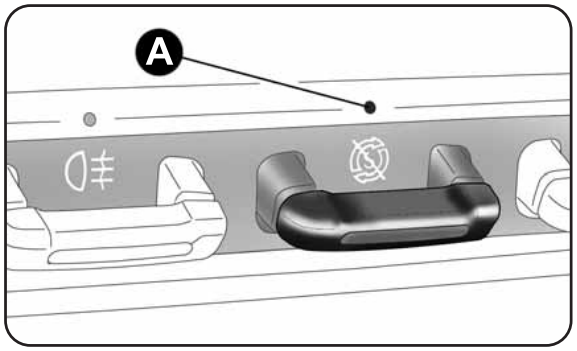

fig. 82 A0K0121m

FAILED ENGINE CUT-OUT CONDITIONS

When the system is operating, due to comfort, emission control and safety reasons, the engine does not stop in some conditions, among which:

- engine still cold;
- very cold outside temperature;
- battery not sufficiently charged;
- heated rear windscreen on;
- windscreen wipers working at maximum speed;
- particulate filter regeneration in progress (diesel engines only);
- driver's door not shut;
- driver's seat belt not fastened
- reverse gear engaged (for example, for parking manoeuvres);
- for versions equipped with dual zone automatic climate control system (for versions/markets, where provided), if an adequate level of thermal comfort has not been reached or MAX-DEF function activation;
- during the first period of use, to initialize the system;

In these cases, a message is shown on the display and the symbol will blink (the latter for versions/markets, where provided).

If climate comfort is to be favoured, the Start&Stop system can be disabled, for a continuous operation of the climate control system.

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RESTARTING CONDITIONS

For reasons of comfort, limiting harmful emissions and safety purposes, the power unit can restart automatically without any action on behalf of the driver if certain conditions are met, including:

- ❍ battery not sufficiently charged;
- ❍ windscreen wipers working at maximum speed;
- ❍ low braking system vacuum, e.g. following the brake pedal being pressed repeatedly;
- ❍ car in motion, for example when driving on hilly roads;
- ❍ stopping the engine using Start&Stop longer than approximately 3 minutes;
- ❍ for versions equipped with dual zone automatic climate control system (for versions/markets, where provided), if an adequate level of thermal comfort has not been reached or MAX-DEF function activation;

With gear engaged, the automatic engine restarting is possible only by fully pressing the clutch pedal. This operation is indicated to the driver by means of a message on the display and by symbol Ⓢ blinking (the latter for versions/markets, where provided).

Notes

If the clutch is not pressed, after 3 minutes from the engine stopping, the engine can be restarted only using the ignition key.

In cases when the engine stops and this is not desired, due for example to the clutch pedal being released sharply with a gear engaged, if the Start&Stop system is activated, the engine can be restarted by fully depressing the clutch pedal or by placing the gear lever in neutral

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SAFETY FUNCTIONS

When the engine is stopped by the Start&Stop system, if the driver releases his/her seat belt and opens the driver's or passenger's door, the engine can be restarted only using the ignition key.

This condition is indicated to the driver by means of a buzzer and by the symbol Ⓢ blinking on the display (with a message, for versions/markets, where provided).

ENERGY SAVING FUNCTION

(for versions/markets, where provided)

If, as a result of the engine automatic restarting, the driver does not carry out any action on the vehicle for over 3 minutes, the Start&Stop system stops the engine once and for all, to prevent fuel consumption. In these cases, the engine can be restarted only using the ignition key.

NOTE In any case, it is possible to keep the engine running by deactivating the Start&Stop system.

IRREGULAR OPERATION

In the event of malfunction, the Start&Stop system is deactivated. The driver is informed of the fault by the flashing Ⓢ symbol (versions with multifunction display) or ⓘ symbol (versions with reconfigurable multifunction display). For versions/markets, where provided, a message is also displayed. In this case, contact Alfa Romeo Authorized Services.

STORING THE CAR

In the case of storage, special care must be taken to disconnect the battery electrical power supply.

Proceed as follows: detach the connector A-fig. 83 (by pressing button B) from sensor C for monitoring the status of the battery installed on the battery negative pole D. This sensor should never be disconnected from the pole except if the battery is replaced.

⚠ ***In case of battery replacement, always contact Alfa Romeo Authorized Services. Replace the battery using a new one of the same type (HEAVY DUTY) and having the same specifications.***

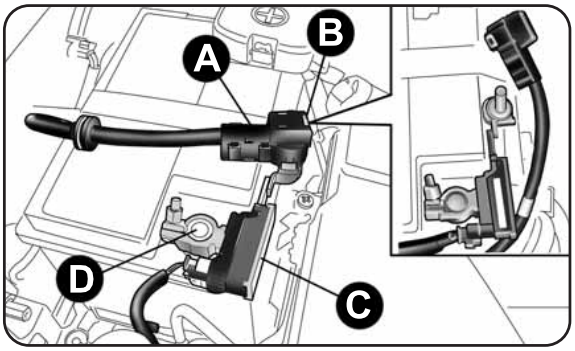

fig. 83 A0K0179m

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EMERGENCY STARTING

When jump starting, never connect the negative lead (—) of the auxiliary battery to the negative pole A-fig. 84 of the car battery, but rather to an engine/gearbox earth point.

Before opening the engine hood, make sure that the engine is off and that the ignition key is in STOP position. Follow the instructions on the plate affixed on the front crossmember (fig. 85). You are advised to extract the key when other people are inside the car. Remove the ignition key or turn it to the STOP position before leaving the car. During refuelling, make sure that the engine is off and the key is in STOP position.

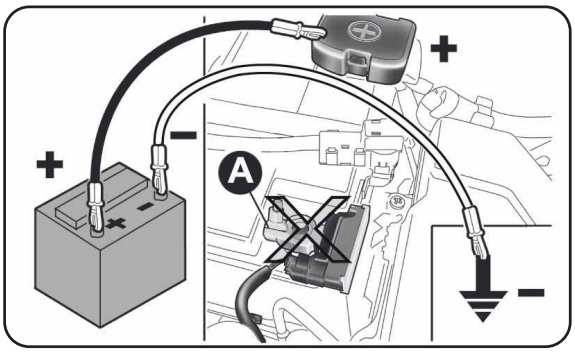

fig. 84 A0K0180m

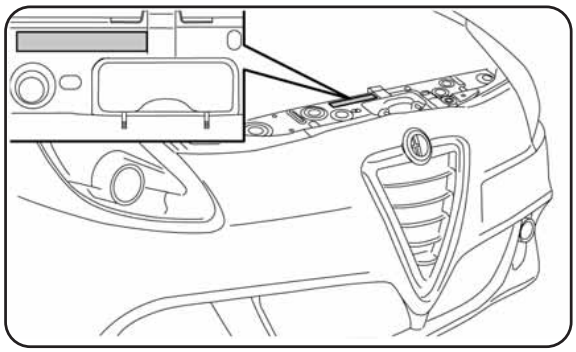

fig. 85 A0K0224m

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EOBD SYSTEM (European On Board Diagnosis)

(for versions/markets, where provided)

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

- ❍ to monitor system efficiency;
- ❍ indicate an increase in emissions;
- ❍ to warn of the need to replace deteriorated components.

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

IMPORTANT After eliminating a fault, to check the system completely, Alfa Romeo Authorized Services are obliged to run tests and, if necessary, road tests which may also call for a long journey.

DUAL PINION ACTIVE STEERING

This only operates with the key turned to MAR and the engine started. The steering allows the force required at the steering wheel to be adjusted to suit driving conditions. The different power assistance modes can be selected via the d,n,a positions of the"Alfa DNA System" lever (see paragraph entitled "Alfa DNA System").

IMPORTANT The steering system will need to be initialised after disconnecting the battery. A warning light will come on to indicate this. Simply turn the steering wheel all the way from one end to the other or simply drive in a straight line for a few hundred metres.

⚠ ***Under no circumstances should aftermarket operations be carried out involving steering system or steering column modifications (e.g. installation of anti-theft device). This could negatively affect performance and safety, invalidate the warranty, cause serious safety problems and also result in non-compliance of the car with type-approval requirements.***

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CAR RADIO SET-UP

(for versions/markets, where provided)

If no car radio was requested at the time of purchase, the vehicle is provided with a compartment on the dashboard fig. 86.

The radio set-up is composed of:

- car radio power supply cables, front and rear loudspeakers and an aerial;
- radio compartment;
- aerial on the roof.

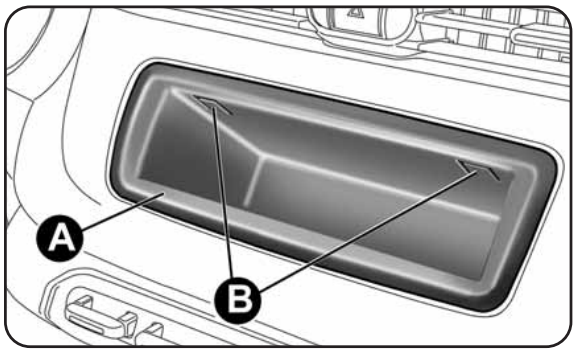

fig. 86 A0K0134m

Fit the car radio in the compartment A-fig. 86 which can be reached by pressing the two tabs B located in the compartment itself: the power wires are located in the compartment.

When connecting a car radio to the radio wiring contact Alfa Romeo Authorized Services to prevent any faults from occurring that might compromise the safety of your car.

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PORTABLE NAVIGATION SYSTEM SETUP (for versions/markets, where provided)

On cars equipped with the **Blue&Me**™ system, a setup for installing a **Blue&Me**™ TomTom® portable navigation system may be provided (optional). The system is available from Lineaccessori Alfa Romeo.

Install the navigation system by inserting the specific support bracket into the housing shown in fig. 87.

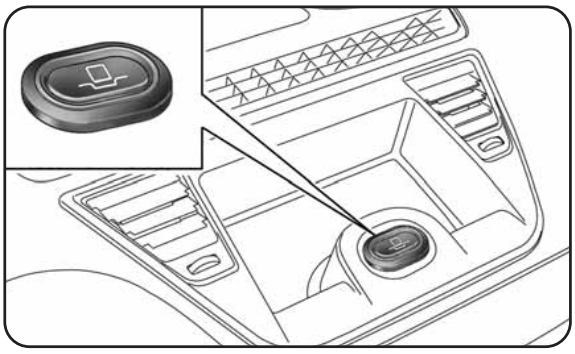

fig. 87 A0K0143m

INSTALLING ELECTRICAL/ ELECTRONIC DEVICES

Electric and electronic devices installed after buying the car in the context of after-sales service must carry the following label: **e CE**. Fiat Group Automobiles S.p.A. authorises the installation of transceiving devices provided that they are installed by a specialised centre according to rules of good engineering practice in compliance with the manufacturer's instructions.

IMPORTANT Traffic police may not allow the car on the road if devices have been fitted which modify the features of the car. This may also invalidate the warranty if faults occur that are either directly or indirectly related to the installation of these devices.

Fiat Group Automobiles S.p.A. shall not be liable for damage caused by the installation of accessories either not supplied or recommended by Fiat Group Automobiles S.p.A. and/or not installed in compliance with the provided instructions.

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RADIO TRANSMITTERS AND CELLULAR PHONES

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

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

In addition, transmission and reception of these devices may be affected by the shielding effect of the car body. As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS), follow the instructions for use provided by the mobile phone manufacturer.

PARKING SENSORS

(for versions/markets, where provided)

The parking sensors are located on the rear bumper fig. 88 and their function is to inform the driver, through an intermittent beeping, of the presence of obstacles behind the car.

TURNING THE SENSORS ON

The sensors are turned on when reverse gear is engaged. As the distance from the obstacle behind the car decreases, the beeping becomes more frequent.

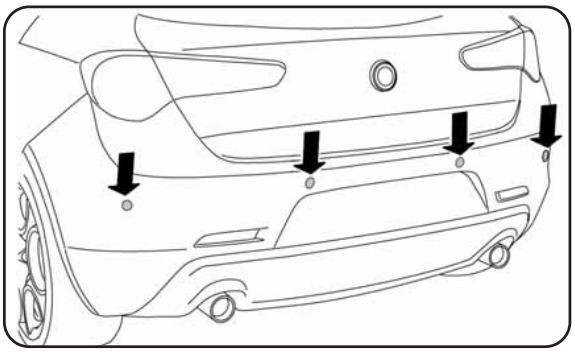

fig. 88 A0K0060m

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DISPLAY INDICATIONS

(for versions/markets, where provided)

When the sensor is activated, the "Reconfigurable multifunctional display" (for versions/markets where provided) shows the screen illustrated in fig. 88a; the information about the presence of and distance from the obstacle is given by the buzzer and also by a visual indication on the instrument panel display. If there are several obstacles, the closest one is indicated.

BUZZER WARNINGS

When reverse gear is engaged a buzzer warning is automatically activated if there is an obstacle within the range of operation.

The acoustic signal:

- ❍ increases as the distance between the car and the obstacle decreases;
- ❍ becomes continuous when the distance between the car and the obstacle is less that 30 cm and stops immediately if the distance increases;
- ❍ remains constant if the distance between the vehicle and the obstacle remains unchanged, whilst if this situation occurs for the side sensors, the signal is interrupted after about 3 seconds, for example, to prevent signals in the case of manoeuvres alongside walls.

IMPORTANT The volume of the audible signal can be adjusted through the option "Warnings volume" of the "Set-Up menu".

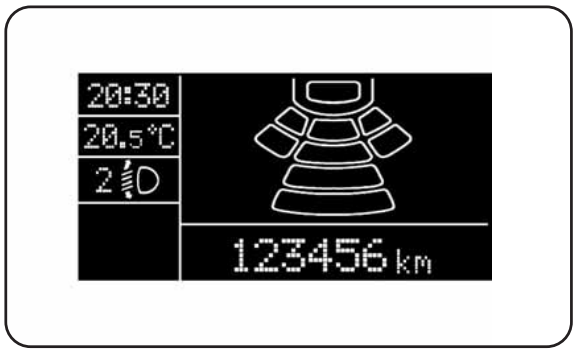

fig. 88a A0K0059m

OPERATION WITH TRAILER

Parking sensor operation is automatically turned off when the trailer electric cable plug is fitted into the car tow hook socket. The sensors are automatically enabled again when the trailer cable plug is removed.

The sensor must be free of mud, dirt, snow or ice in order for the system to work. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. In washing stations, clean sensors quickly keeping the vapour jet/high pressure washing nozzles at a distance of at least 10 cm from the sensors.

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For repainting the bumpers or retouching the paintwork around the sensors contact Alfa Romeo Authorized Services. Incorrect application of paint may compromise the operation of the parking sensors.

The ultimate responsibility when parking and carrying out other dangerous manoeuvres still rests with the driver. When carrying out such manoeuvres, always ensure that the manoeuvring area is free of people (particularly children) and animals. Parking sensors are designed to assist drivers; however, you must always concentrate fully during potentially dangerous manoeuvres, even if carried out at low speeds.

GENERAL WARNINGS

During parking manoeuvres, pay the utmost attention to any obstacles that could be located above or below the sensors.
Sometimes, objects located close to the rear part of the car may not be detected by the system and may damage the car or become damaged themselves.
Here below are some conditions that may influence the performance of the parking system:

- Reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence on the surface of the sensor of: ice, snow, mud, thick paint.
- the sensor may detect a non-existent obstacle (echo noise) due to mechanical noises, for example when washing the vehicle, in case of rain, strong wind, hail.
- the signals sent by the sensors can also be altered by the presence of ultrasound devices (e.g. pneumatic brake systems or pneumatic drills) near the car;
- sensor performance can also be influenced by the position of the sensors. For example by a change in the ride setting (caused by the wear of the shock absorbers, suspension), overloading the car and carrying out specific tuning operations that require the car to be lowered;
- the detection of obstacles at the top part of the vehicle may not be guaranteed because the system detects obstacles that could cause an impact with the vehicle in the bottom part.

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REFUELLING THE CAR

Switch off the engine before refuelling.

PETROL ENGINES

Only use unleaded petrol. The petrol octane rating (RON) must not be lower than 95.
In order to prevent damage to the catalytic converter never introduce even the smallest amount of leaded petrol, even in the event of an emergency.

DIESEL ENGINES

Only use diesel fuel compliant with European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, depending on the damage caused.

Operation at low temperatures

If the outside temperature is very low, the diesel thickens due to the formation of paraffin clots with consequent defective operation of the fuel supply system.
In order to avoid these problems, different types of diesel are distributed according to the season: summer type, winter type and arctic type (cold, mountain areas). If refuelling with diesel fuel whose features are not suitable for the temperature of use, it is advisable to mix TUTELA DIESEL ART additive with the fuel, in the proportions shown on the container. Pour the additive into the tank before the fuel.
When parking or storing the car for a long time in the mountains or cold areas, it is advisable to refuel using locally available fuel. In this case, it is also advisable to keep the tank over 50% full.

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FUEL FILLER CAP

The fuel cap is unlocked when the central locking system is released and automatically locked when the central locking system is applied.

To open

Press the flap A-fig. 89 to release it and reach the fuel filler cap B. Then press the cap B and turn it anticlockwise.

The cap has a loss prevention device C which secures it to the flap so that it cannot be lost. Attach the cap to device D during refuelling.

How to open the flap in an emergency

In case of emergency, pull the cord A-fig. 90 on the right-hand side of the boot to open the fuel flap.

Pull the cord to release the lock. Then press the flap to open it.

Closing

Release the cap B from the device D and insert it in its housing. Tighten the cap in a clockwise direction until one or more clicks are heard. Finally, close the flap A and check that is it correctly locked.

The hermetic seal may cause a slight increase in pressure in the tank. A suction noise when you release the cap is therefore entirely normal.

Do not place naked flames or lit cigarettes near to the fuel filler: fire risk. Keep your face away from the fuel tank opening to avoid breathing in harmful vapours.

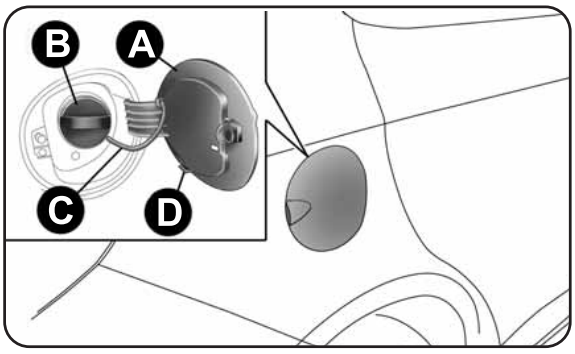

fig. 89 A0K0115m

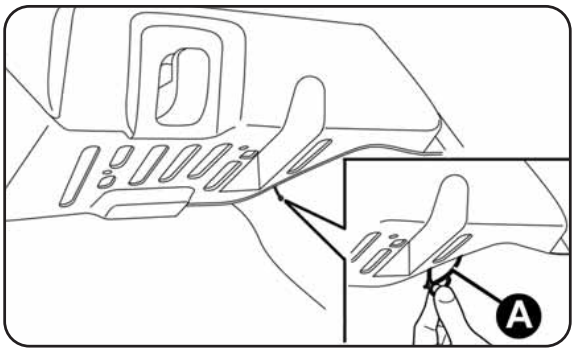

fig. 90 A0K0222m

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PROTECTING THE ENVIRONMENT

The devices for reducing petrol engine emissions are the following: catalytic converter, lambda sensors and anti-evaporation system.

The following devices are used for reducing diesel fuel engine emissions: oxidising catalytic converter, exhaust gas recirculation (EGR) and particulate filter (DPF).

DIESEL PARTICULATE FILTER (DPF)

(for versions/markets, where provided)

This is a mechanical filter, fitted in the exhaust system, which almost completely eliminates carbon particle emissions.

The catalytic converter and particulate filter (DPF) reach very high temperatures during operation. Do not park the vehicle on grass, dry leaves, pine needles or other flammable material: fire hazard.

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SEAT BELTS

USING THE SEAT BELTS

Wear the belt keeping the chest straight and rested against the back-rest. To fasten the seat belts, hold tongue A-fig. 92 and insert it into buckle B, until the locking click is heard.
If the seatbelt jams when pulling it out, let it rewind for a short stretch and then pull it out again without jerking.
To unfasten the seat belts, press button C. Guide the seat belt with your hand while it is rewinding, to prevent it from twisting.

Never press button C-fig. 92 when travelling.

The rear seat is fitted with inertia seat belts with three anchor points and a reel. Fasten the rear seat belts as shown in fig. 93

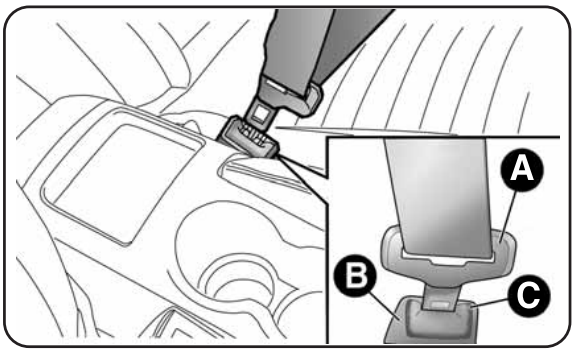

fig. 92 A0K0160m

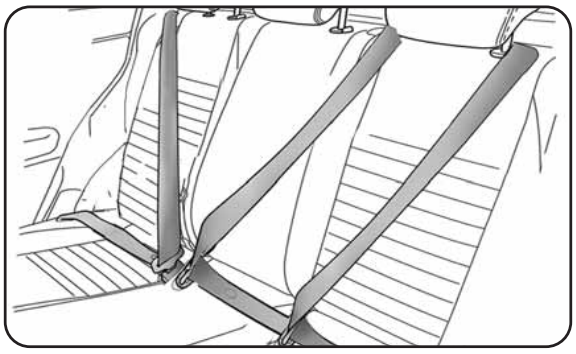

fig. 93 A0K0161m

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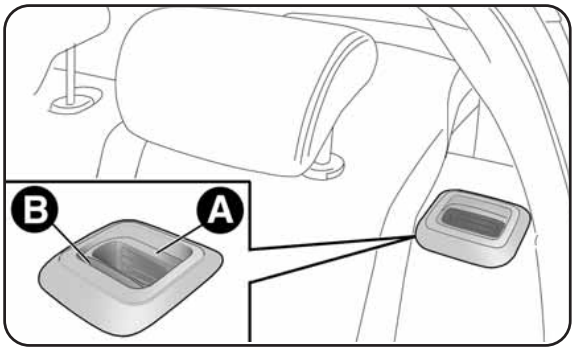
Remember that, in the event of a violent collision, backseat passengers not wearing seat belts represent a serious danger to the front-seat passengers as well as to themselves.

IMPORTANT When putting the back seats back to their normal position, make sure the seat belts are positioned so they are ready to use.

IMPORTANT The backrest is correctly secured when the "red band" B-fig. 94 in the backrest lowering levers A disappears. This red band indicates that the backrest is not secured.

Make sure the backrest is properly secured on both sides (red bands B-fig. 94 not visible) to prevent it from moving forward in the event of sharp braking, which may cause injuries to passengers.



AOK0110m

fig. 94

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SBR SYSTEM (Seat Belt Reminder)

This system comprises of an acoustic signal, which in conjunction with the warning light flashing on the instrument panel display, warns the driver and front passenger if their seat belts have not been fastened.

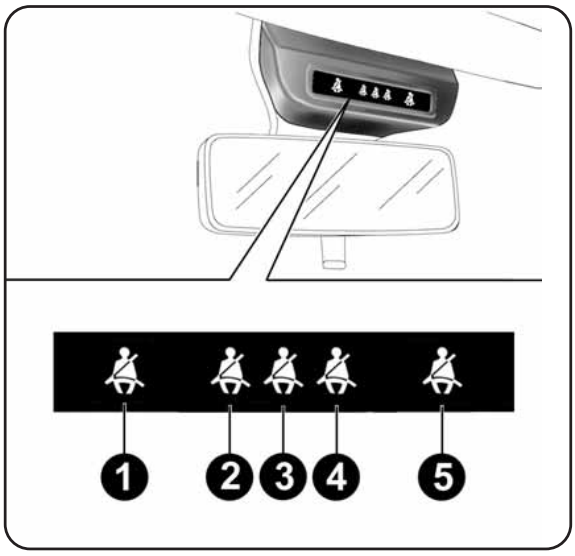

fig. 95

A0K0075m

On some versions there is also a panel (provided as an alternative to the warning lights on the instrument panel) located above the rear-view mirror fig. 95, which warns the front and back seat passengers via acoustic and visual signals if their seat belts have not been fastened.
Contact Alfa Romeo Authorized Services to deactivate this system permanently. The SBR system can only be reactivated via the display Set Up Menu (see chapter "Knowing your car").

The red and green warning lights work as follows fig. 95:

- 1 = front left seat (this indicates the driver's seat state in left-hand drive versions)
- 2 = rear left seat (passenger)
- 3 = rear middle seat (passenger)
- 4 = rear right seat (passenger)
- 5 = front right seat (this indicates the passenger seat state in right-hand drive versions)

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Front seats (warning light no. 1 = driver and no. 5 = passenger)

Driver

If the driver is the only occupant and the 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 (front seats) consisting of a tone for 6 seconds followed by a 90 second beep. The warning light will blink. Once the cycle is complete, the warning lights stay on with a fixed light until the car is turned off. The acoustic signal will be interrupted immediately when the driver's seat belt is fastened and the warning light will turn green.

If the seat belt is again unfastened when the car is in motion, the acoustic signal and the red warning light blinking resume as described previously.

Passenger

A similar solution applies for the front passenger, with the difference that the warning light turns green and the signal is interrupted also when the passenger leaves the car.

If both front seat belts are unfastened with the car in motion a few seconds apart, the acoustic signal will refer to the most recent event while the two warning lights will issue a visual signal independently.

Rear seats (warning light no. 2, no. 3 and no. 4)

The signalling cycle is run only when any rear seat belt is unfastened (blinking red). In this condition, the warning light referred to the seat belt which has been unfastened will start blinking (red) for approximately 30 seconds. An acoustic signal will also sound.

The visual signal (blinking red) will start and end independently for each warning light if several seat belts are unfastened. The visual signal will turn green after the corresponding seat has been fastened.

The rear seat warning lights will go out, regardless of the state of the belt (red or green) approximately 30 seconds after the last signal.

WARNINGS

All warning lights will remain off if all the seat belts (front and rear) are already fastened when the key it turned to MAR.

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

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PRETENSIONERS

The car is equipped with front 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 reel.
This car is also equipped with a second pretensioner (in the kick plate area). Its activation is signalled by the shortening of the metal cable.
A small amount of smoke may be produced when the pretensioners cut in. This smoke is not toxic and does not indicate a fire.

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

The pretensioner does not require any maintenance or lubrication. Anything that modifies its original conditions invalidates its efficiency. If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and mud, it must be replaced.

LOAD LIMITERS

To increase protection in case of an accident, the front seat belt reels are equipped with a device which modulates the force acting on the chest and shoulders during the belt restraining action in the event of a frontal impact.

The pretensioner can be used only once. Once it has activated contact Alfa Romeo Authorized Services to have it replaced. See the label inside the glove box to check the expiration date of the device: go to Alfa Romeo Authorized Services when it is time to replace it.

Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioners may damage or deploy them. These devices are not affected by vibrations caused by uneven road surfaces or low obstacles such as kerbs, etc. Contact Alfa Romeo Authorized Services to intervene.

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GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

Respect and ensure that all the other occupants of the car respect the local laws in force regarding the use of seat belts. Always fasten the seat belts before starting 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 under the abdomen fig. 96.

The seat belt must not be twisted. The upper part must cross the shoulder and the chest diagonally. The lower part must adhere to the hips fig. 97, not to the abdomen. Do not use devices (clips, etc.) to hold the seat belt away from your body.

For maximum safety, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and hips. Always fasten the seat belts on both the front and the rear seats. Travelling without seat belts will increase the risk of severe injury and even death in the event of an accident.

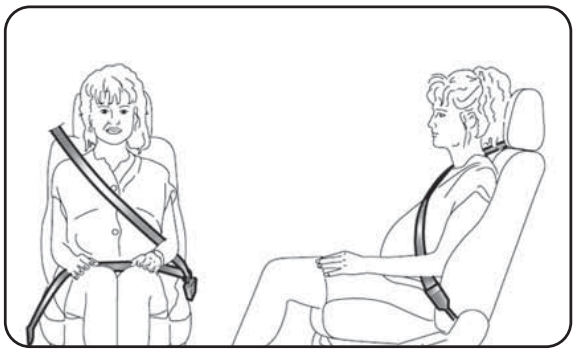

fig. 96

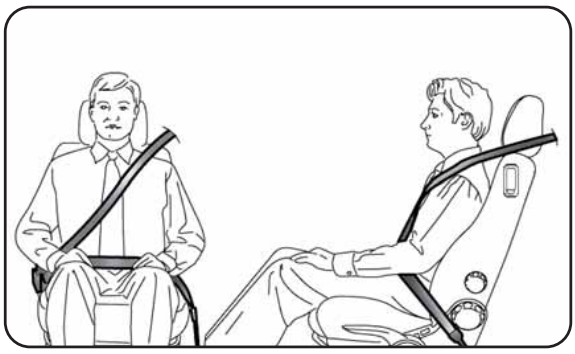

fig. 97

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Each seat belt should be used by only one person at a time: never travel with a child sitting on the passenger's lap with a single belt to protect them both fig. 98. Do not fasten other objects to the body.

Never disassemble or tamper with the seat belt or pretensioner components. All operations must be performed by qualified and authorised personnel. Always contact Alfa Romeo Authorized Services.

fig. 98 A0K0013m

If the belt has been subjected to heavy strain, for example after an accident, it must changed completely together with the anchors, anchor fastening screws and the pretensioner. Even if the belt has no visible defects, it could have lost its resilience.

SEAT BELT MAINTENANCE

- Always use the seat belts with the belt taut and never twisted; make sure that it is free to run smoothly;
- replace the belt after a serious accident, even if it does not appear damaged. Always replace the belt if the pretensioners were deployed.
- To clean the seat belts, hand wash with water and neutral soap, rinse and leave to dry in the shade. Do not use strong detergents, bleach, paints or any other chemicals which could damage the belt fibres.
- prevent the reels from getting wet: their correct operation is guaranteed only if water does not get inside;
- replace the seat belt when it shows significant wear or cuts.

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CARRYING CHILDREN SAFELY

For optimum protection in the event of a crash, all passengers must be seated and wearing adequate restraint systems. This is even more important for children. This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC. Compared with an adult, a child's head is larger and heavier in proportion to his/her body and the child's muscular and bone structures are not fully developed. For this reason, they require restraint systems which are different from those used by adults to protect them in the event of an accident.

The result of research in relation to the best protection for children is illustrated in European Regulation ECE-R44, which divides child seats into five groups in addition to making their use compulsory:

Group 0	up to 10 kg
Group 0+	up to 13 kg
Group 1	9-18 kg
Group 2	15-25 kg
Group 3	22-36 kg

All restraint devices must bear the type-approval data along with the control mark on a label firmly secured to the child seat which must never be removed. 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.

Lineaccessori Alfa Romeo includes child seats for each weight group. These devices are recommended, having been specifically designed for Alfa Romeo cars.

Do not arrange child seats facing backwards if the front air bag on the passenger's side is enabled. Deployment of the air bag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to carry children in dedicated child seats on the rear seat, which is the most protected position in the event of an accident.

Should it be absolutely necessary to carry a child on the front seat in a cradle seat facing backwards, the passenger's front air bag and side bag should be deactivated by using the Set-Up Menu. Deactivation can be verified by checking the warning light in the instrument panel. Also, the passenger seat should be adjusted as far back as possible to avoid contact between the child seat and the dashboard.

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FITTING "UNIVERSAL" CHILD SEAT (with seat belts)

GROUP 0 and 0+ fig. 99

Babies up to 13 kg must be carried facing backwards on a cradle seat, which, by supporting the head, does not induce stress on the neck in the event of sharp deceleration. The cradle is restrained by the car seat belts, as shown in the diagram, and in turn it must restrain the child with its own belts.

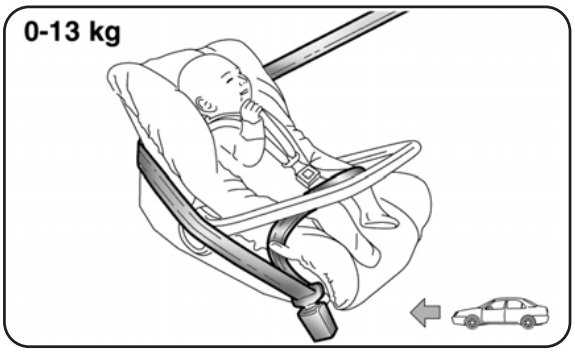

fig. 99 A0K0014m

GROUP 1 fig. 100

From 9 to 18 kg of weight, children may be carried facing forward.

The diagrams are indicative and provided for assembly purposes only. Fit the child seat according to the instructions that must be supplied with the seat.

There are seats with Isofix hooks which enable secure fastening to the seat without using the car's seat belts.

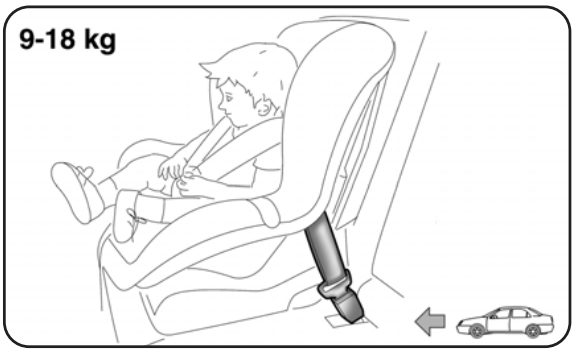

fig. 100 A0K0129m

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GROUP 2 fig. 101

Children from 15 to 25 kg can be secured using the car seat belts directly. The child seat is needed 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 lower part is snug on the hips not the abdomen.

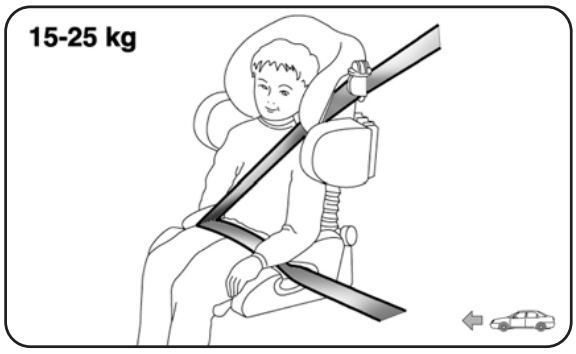

fig. 101 A0K0016m

GROUP 3 fig. 102

For children between 22 kg and 36 kg, there are boosters allowing the seat belt to fit correctly.

Fig. 102 shows proper child seat positioning on the rear seat.

The diagrams are indicative and provided for assembly purposes only. For assembly, refer to the instructions supplied with the child seat.

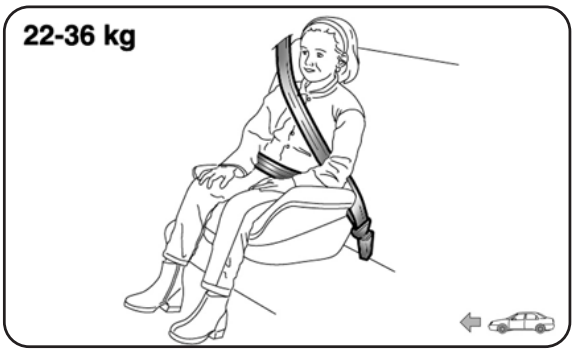

fig. 102 A0K0017m

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SUITABILITY OF PASSENGER SEATS FOR CHILD SEAT USE

The car complies with the new European Directive 2000/3/EC which governs the arrangement possibilities for child seats on the various seats of the car as shown in the following table:

Group	Weight range	Front passenger	Rear side and middle passenger
Group 0, 0+	up to 13 kg	U (*)	U
Group 1	9-18 kg	U (*)	U
Group 2	15-25 kg	U (*)	U
Group 3	22-36 kg	U (*)	U

Key:

U = suitable for restraint systems in the "Universal" category, according to European Standard ECE-R44 for the specified "Groups".

(*) With seat adjustable in height, position the backrest upright.

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Main safety rules to be followed when carrying children:

- install the child seats on the rear seat, which is the most protected position in the event of an accident.
- when the passenger front air bag is deactivated always check that the warning light remains permanently lit to confirm the deactivation;
- carefully follow the instructions supplied with the child seat, which are mandatory by law. Keep the instructions in the car along with the other papers 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 to each retaining system;
- always check the seat belts do not rest around 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 seat with a new one.

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"ISOFIX" CHILD SEAT ASSEMBLY SETUP

The car is provisioned for a Universal Isofix child seat, a new European standardised system for carrying children safely.

Isofix systems can be fitted alongside a traditional child seat. An example of an Universal Isofix child seat for weight group 1 is shown in fig. 103.

The other weight groups are covered by the specific Isofix child seat, which can be used only if specifically designed, tested and approved for this car (see car list provided with the child seat).

WARNING The centre rear seat is not certified for any type of child's seat.

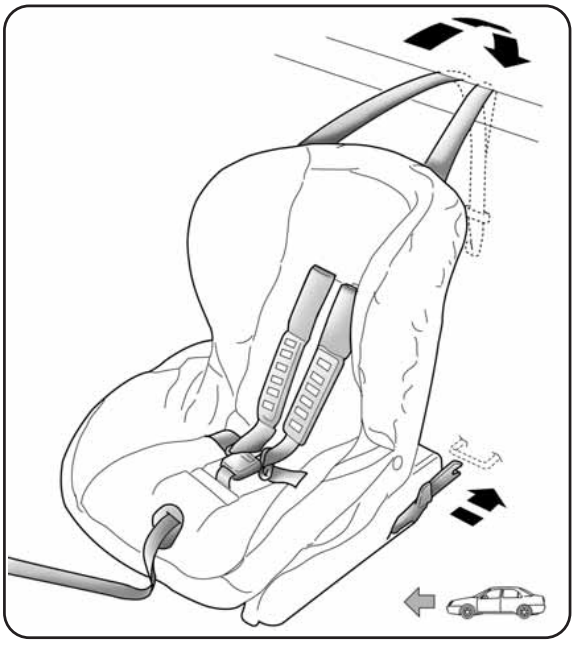

fig. 103 A0K0018m

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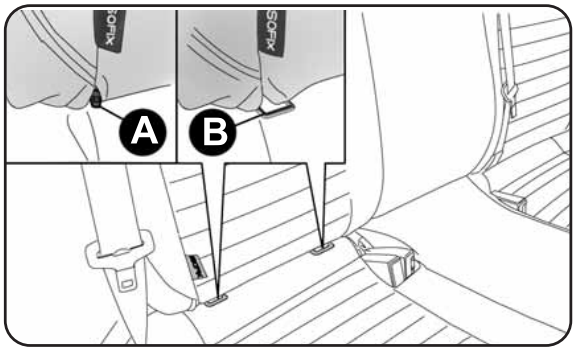
INSTALLING A UNIVERSAL ISOFIX CHILD SEAT

Couple the child seat to the specific lower metallic rings B-fig. 104 positioned inside the rear seat backrest (lift the hinge A upwards to access the rings) and then fix the upper belt (provided with the seat) to the upper couplings C-fig. 105 located on the back of the backrest.

Systems can be fitted along side a traditional child seat "Universal Isofix". Remember that when using a Universal Isofix child seat, you can only use approved seats with the marking ECE R44/03 "Universal Isofix".

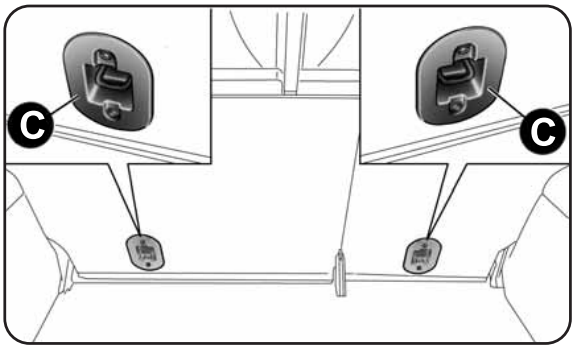
The Universal Isofix "Duo Plus" child seat and the special "G 0/1 S" seat are available from Lineaccessori Alfa Romeo. For any further installation/details on usage, refer to the "Instruction Manual" supplied with the child seat.

Fit the child seat when the car is stationary. The child seat is correctly anchored to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the child seat manufacturer must supply.



A0K0109m

fig. 104



A0K0108m

fig. 105

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PASSENGER SEAT SUITABILITY FOR ISOFIX CHILD SEATS

The table below, in compliance with European Directive ECE 16, shows the different installation possibilities of Isofix seats on seats fitted with Isofix fasteners.

Weight group	Seat orientation	Isofix size class	Rear passenger seat
Cradle	Facing backwards	F	X
	Facing backwards	G	X
Group 0 up to 10 kg	Facing backwards	E	IL (*)
Group 0+ up to 13 kg	Facing backwards	E	IL (*)
	Facing backwards	D	IL (*)
	Facing backwards	C	IL (*)
Group I from 9 to 18 kg	Facing backwards	D	IL (*)
	Facing backwards	C	IL (*)
	Facing forwards	B	IUF
	Facing forwards	BI	IUF
	Facing forwards	A	IUF

IUF: suitable for forward-facing Isofix child seats, universal class (fitted with third upper fastener), type-approved for use in this weight group.

X: Isofix position not suitable for Isofix retaining system in this weight group and/or size.

IL (*): the Isofix child seat can be installed by adjusting the front seat.

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FRONT AIRBAGS

The car is provided with multistage front air bags ("Smart bag") for driver and passenger.

"SMART BAG" SYSTEM (MULTISTAGE FRONT AIR BAGS)

The front driver/passenger air bags are designed to protect occupants in the event of head-on crashes of medium-high severity, by placing the bag between the occupant and the steering wheel or dashboard.
Front air bags are designed to protect car's occupants in front crashes and therefore non-activation in other types of collisions (side collisions, rear shunts, roll-overs, etc.) is not a system malfunction. The air bag do not replace, but rather complement the use of seat belts, which should always be worn. In the event of an impact, someone not wearing a seat belt could move forward and come into contact with a bag which is still in the opening phase. The protection offered by the bag is reduced in such a case.

Front air bags may not be activated in the following situations:

- ❍ front collisions against highly deformable objects not affecting the front surface of the car (e.g. bumper collision against guard rail, etc.);
- ❍ car penetration under other vehicles or protective barriers (e.g. trucks or guard rails);

in these instances they could not provide any additional protection compared with seat belts, so their deployment would not be useful. In these cases, non-deployment of the airbag does not necessarily indicate a system malfunction.

Do not apply stickers or other objects to the steering wheel, passenger side air bag cover or upper side upholstery. Do not place objects on the passenger side dashboard because these could interfere with the correct opening of the air bag and cause severe injury to occupants.

FRONT AIR BAG ON DRIVER'S SIDE fig. 106

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

Always drive with your hands on the steering wheel rim so that the air bag can inflate freely if needed. Do not drive with your body bent forward. Keep your back straight against the backrest.

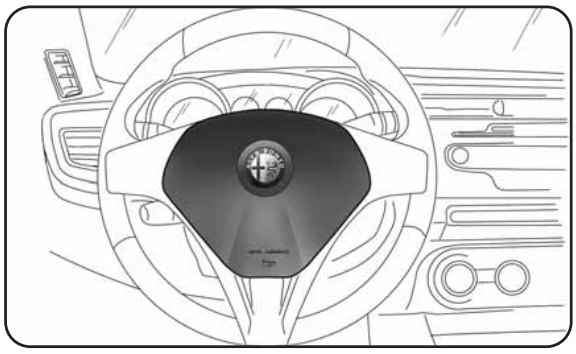

fig. 106 A0K0080m

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FRONT AIRBAG ON PASSENGER'S SIDE fig. 107

This is located in a dedicated compartment in the dashboard.

Do not arrange cradle child seats facing backwards if the front air bag on the passenger's side is enabled. Deployment of the air bag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. Always deactivate the passenger's air bag when placing a child seat on the front seat. Also, the passenger seat should be as far back as possible to avoid contact between the child seat and the dashboard. Although this is not mandatory by law, the air bag should be immediately reactivated when children are no longer carried to ensure better protection for adults.

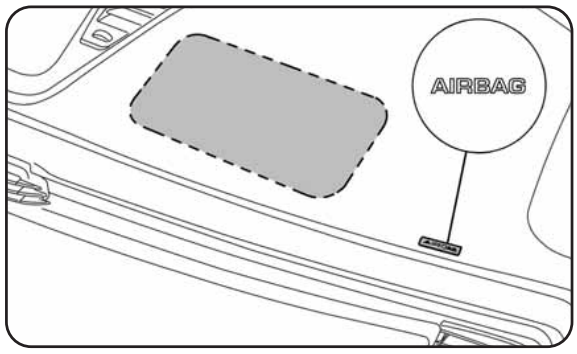

fig. 107 A0K0135m

Deactivating the passenger front air bag and side bag

Deactivate the passenger front air bag and chest protection side bags when carrying a chid on the front seat. With the air bags deactivated, the warning light is lit in the instrument panel.

To deactivate the air bags see "Knowing your car" chapter, "Menu Items" paragraph.

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SIDE AIR BAGS (SIDE BAG - WINDOW BAG)

The car is fitted with front side bags for driver and passenger for protecting the chest, and window bags for protecting front and rear passengers' heads.
Side bags protect car occupants from side crashes of medium-high severity, by placing the cushion between the occupant and the internal parts of the side structure of the car.
Non-activation of side bags in other types of collisions (front collisions, rear shunts, roll-overs, etc...) is not a system malfunction.

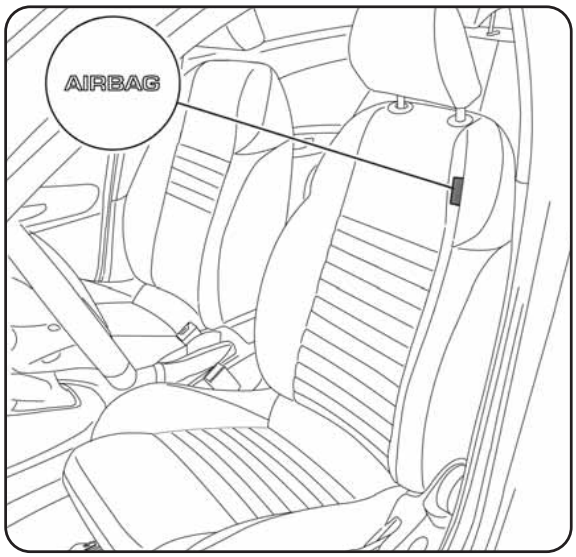

fig. 108 A0K0081m

FRONT SIDE BAGS fig. 108

These are comprised of two types of bags located in the front back/rests, which protect the chest and pelvis area of passengers in the event of a side impact of medium-high severity.

HEAD PROTECTION SIDE AIR BAGS (WINDOW BAGS) fig. 109

It is formed by two "curtain" window bags are located behind the side roof upholstery and are covered by special trimming.
They were designed to protect the head of front and rear passengers in case of side collisions, thanks to the wide cushion inflation surface.
The air bags are not deployed in the event of impact of low severity (for which the retaining action of the seat belts is sufficient). It is therefore always necessary to wear seat belts.
In the event of a side impact, the system provides best protection if the passenger sits on the seat in a correct position, thus allowing correct window bag deployment.

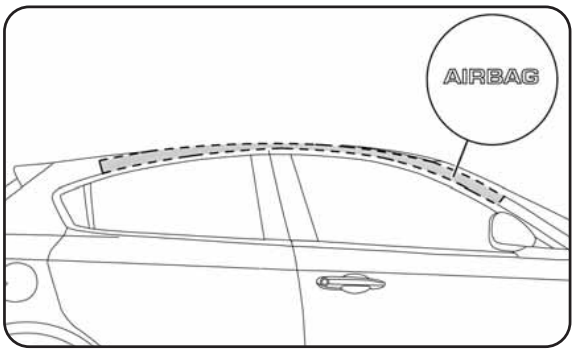

fig. 109 A0K0035m

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Do not hook rigid objects to the clothes hangers or support handles.

Do not rest your head, arms or elbows on the door, windows or on the window bag area to avoid injuries during inflation.

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

WARNINGS

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

The front and/or side air bags 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.).

A small amount of dust will be released when the airbags are deployed. This is not harmful and does not indicate a fire. Dust may irritate your skin and eyes: in this case, wash with mild soap and water.

All operations on air bags (inspections, repairs and replacement) must be carried out by Alfa Romeo Authorized Services.

If the car is to be scrapped, contact Alfa Romeo Authorized Services to have the air bags deactivated.

Pretensioners and airbags are deployed according to different logics on the basis of the type of collision. Failure to deploy of one or more of these devices does not therefore indicate a system fault.

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If the warning light does not turn on when the key is turned to MAR, or if it stays on when travelling (together with the message on the display on some versions), there could be a failure in the restraint systems. If this is the case, the air bags or pretensioners may not be deployed in the event of an accident or, less likely, they may be deployed accidentally. Do not drive the car and contact a Alfa Romeo Authorised Service Provider to have the system checked immediately.

The expiry dates of the pyrotechnic charge and clock contact are shown in the plate installed inside the glove compartment. Go to an Alfa Romeo Authorised Service Provider when the time to have them replaced approaches.

Do not travel with objects on your lap, in front of your chest, or between your lips (e.g. pipes, pencils, etc.): you may be seriously injured in the event of a crash with air bag deployment.

If someone tries to steal or damage your car, and in the event of floods, have the air bag system checked by an Alfa Romeo Authorised Service Provider.

With the ignition key inserted and turned to MAR, the air bags can be deployed also with the car at a standstill, if it is hit by another vehicle even if the engine is off. For this reason, children must never sit on the front seat, even if the car is not moving. Remember that no safety device (airbag or pretensioner) will be deployed in a crash if the key is inserted and turned to the STOP position. Failure to deploy in such cases must not be considered a sign of malfunction.

When the ignition key is turned to MAR, the warning light turns on (front airbag on passenger's side enabled) and will blinks for a few seconds as a reminder that the passenger airbag will be deployed in the event of a crash and then go off.

The front air bags are deployed in the event of more severe collisions than those required for deploying the pretensioners.
For collisions in the range between the two thresholds, it is normal for only the pretensioners to be activated.

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STARTING AND DRIVING

STARTING THE ENGINE

STARTING PROCEDURE FOR PETROL VERSIONS

Proceed as follows:

- engage the handbrake and place the gearbox in neutral;
- press the clutch pedal down to the floor without touching the accelerator;
- turn the ignition key to AVV and let it go the moment the engine starts.

IMPORTANT

- If the engine does not start on the first attempt, turn the ignition key to STOP before repeating the operation.
- If, when the ignition key is at MAR, the instrument panel warning light remains on together with warning light , turn the key to STOP and then back to MAR; if the warning light remains on, try with the other keys provided with the car. If you are still unable to start the engine contact Alfa Romeo Authorized Services.
- Never leave the ignition key on MAR when the engine is off.

STARTING PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

- engage the handbrake and place the gearbox in neutral;
- turn the ignition key to the MAR position: warning lights and on the instrument panel will light up;
- wait for the warning lights to go out;
- press the clutch pedal down to the floor without touching the accelerator;
- turn the ignition key to AVV as soon as warning light goes out. Waiting too long will waste the heating work carried out by the glow plugs. Release the key as soon as the engine starts.

If warning light blinks for approximately 1 minute after starting or during prolonged cranking, this indicates a fault in the glow plug pre-heating system. Use the car normally if the engine starts and go to Alfa Romeo Authorized Services as soon as possible.

It is dangerous to have the engine running indoors. The engine takes in oxygen and discharges carbon dioxide, carbon monoxide and other toxic gases.

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

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

Remember that the brake servo and electromechanical power steering are not operational until the engine has been started, therefore much more effort than usual is required on the brake pedal and steering wheel.

Never jump start the engine by pushing, towing or driving downhill. These manoeuvres may damage the catalytic converter.

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED

Proceed as follows:

- ❍ drive off slowly, letting the engine turn at medium speed. Do not accelerate abruptly;
- ❍ do not demand maximum performance for the first few kilometres. Wait until the engine coolant temperature indicator starts moving.

STOPPING THE ENGINE

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

IMPORTANT After a taxing drive, before turning the engine off you should allow it to idle to allow the temperature in the engine compartment to fall.

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

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PARKING THE CAR

Switch off the engine and pull up the handbrake. Engage a gear (1st if the car is facing uphill or reverse if it is facing downhill) and leave the wheels steered to one side.
If the car is parked on a steep slope block the wheels with a wedge or stone. Always remove the ignition key when leaving the car.

HANDBRAKE fig. 110

To engage the handbrake pull lever A upwards until the car is secured. To disengage slightly raise lever A, press and hold down button B and lower the lever.

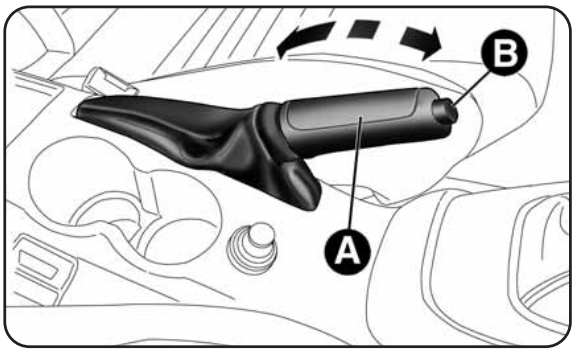

fig. 110 A0K0073m

IMPORTANT Carry out these manoeuvres with the brake pedal pressed.

IMPORTANT For cars equipped with a front armrest, lift this up to ensure that it does not interfere with the action of the handbrake.

The car should be locked after a few notches: if this is not so, contact Alfa Romeo Authorized Services to have the handbrake adjusted.

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USING THE GEARBOX

To engage the gears, press the clutch pedal down fully and shift the gear lever into the required position (a diagram is shown on the knob fig. 111).

To engage 6th gear, operate the lever by pressing it towards the right in order to avoid engaging 4th gear by mistake. Similar action to pass from sixth to fifth gear.

To engage reverse gear (R) from the neutral position, lift up ring A-fig. 111 and simultaneously move the lever to the left and then forwards.

IMPORTANT Reverse may be engaged only when the car is at a standstill.

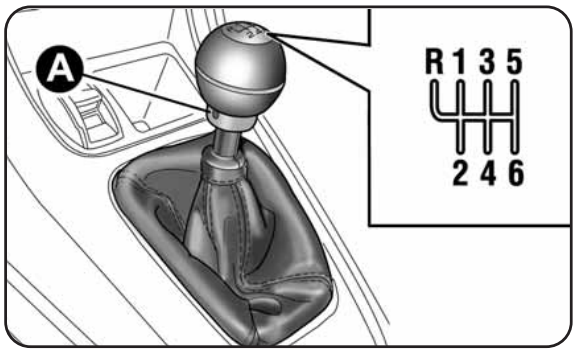

fig. 111 A0K0082m

Press the clutch pedal fully to change gears correctly. Therefore, the floor area under the pedals must be clear: ensure that any rubber mats are flat and do not interfere with the pedals.

Do not drive with your hand resting on the gear lever, because this pressure, even if light, can wear out the inner components of the gearbox over time.

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SAVING FUEL

Here are some suggestions which may help you to save fuel and lower the amount of harmful emissions released into the atmosphere.

GENERAL CONSIDERATIONS

Car maintenance

Have checks and adjustments carried out in accordance with the "Scheduled Servicing Plan" (see chapter "Servicing and maintenance").

Tyres

Check the tyre pressure at least once every 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with an overloaded boot. The weight of the car and its arrangement greatly affect fuel consumption and stability.

Roof rack/ski rack

Remove the roof rack or the ski rack from the roof after use. These accessories decrease aerodynamic penetration and have a negative effect on fuel consumption. It is better to use a trailer to transport particularly bulky objects.

Electric devices

Use electric devices only for the amount of time needed. The heated rear windscreen, additional headlights, windscreen wipers and heater fan require a considerable amount of energy; increasing the current uptake increases fuel consumption (by up to +25% in an urban cycle).

Climate control system

Using the climate control system will increase consumption: use the air vents when the external temperature so allows.

Spoilers

The use of non-certified spoilers may adversely affect aerodynamics and fuel consumption.

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DRIVING STYLE

Starting

Do not warm up the engine at low or high revs when the car is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions. It is advisable to set off immediately and slowly, avoiding high revs: this allows the engine to warm up more quickly.

Unnecessary actions

Avoid revving up when starting at traffic lights or before stopping the engine. The latter action, like double-declutching, is unnecessary and causes increased fuel consumption and pollution.

Gear selection

Use a high gear when traffic and road conditions allow. Using a low gear for faster acceleration will increase fuel consumption. In the same way, improper use of a high gear increases fuel consumption, emissions and engine wear.

Top speed

Fuel consumption considerably increases as speed increases. Keep your speed as even as possible, avoiding unnecessary braking and acceleration which cause excessive fuel consumption and increased emissions.

Acceleration

Accelerating violently severely affects consumption and emissions: acceleration should be gradual and should not exceed the maximum torque.

CONDITIONS OF USE

Cold starting

Short distances and frequent cold start-ups prevent the engine from reaching its optimum running temperature. Consequently, both consumption (from +15 to +30% on the urban cycle) and emissions will increase.

Traffic and road conditions

High fuel consumption is caused by heavy traffic, for instance when travelling in a queue with frequent use of low gears or in cities with many traffic lights. Mountain roads and uneven surfaces also have a negative effect on consumption.

Traffic hold-ups

During prolonged hold-ups (level crossings) the engine should be switched off.

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TOWING TRAILERS

IMPORTANT

The car must be provided with a type-approved tow hook and adequate electric system to tow caravans or trailers. Installation must be carried out by a specialist.

Install any specific and/or additional rear-view mirrors in accordance with the highway code of the country in which you are travelling.

Remember that when towing a trailer, steep hills are harder to climb, braking distances increase and overtaking takes longer depending on the overall weight.

Engage a low gear when driving downhill, rather than constantly using the brake.

The weight of the trailer reduces the load capacity of the car by the same amount. Consider the weight at full load, including accessories and luggage, to make sure you do not exceed the maximum towable weight (shown in the registration document).

Respect the speed limits specific to each country for vehicles towing trailers. In any event do not exceed 100 km/h.

INSTALLING A TOW HOOK

Contact Alfa Romeo Authorized Services to install a tow hook.

The ABS with which the car is equipped will not control the braking system of the trailer. Take extra care when travelling on slippery roads.

Never modify the braking system of the car to control the trailer brake. The trailer braking system must be fully independent from the hydraulic system of the car.

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SNOW TYRES

Use snow tyres of the same size as the normal tyres provided with the car. Alfa Romeo Authorized Services will advise you on the most appropriate tyre for use.
Only use these tyres in the event of ice or snow on the roads.

For the type, pressures and specifications of the snow tyre to be used, follow carefully the instructions given in the "Wheels" paragraph of the "Technical specifications" chapter.

The performance of these tyres is considerably reduced when the tread depth is less than 4 mm. If this is the case, replace them.

Due to their specific features, the performance of snow tyres is much lower than that of standard tyres in normal conditions or on long motorway stretches. You should therefore use them only in the conditions for which they were designed.

All four tyres should be the same (brand and track) to ensure greater safety when driving, during braking and better driveability. Remember that it is inappropriate to change the direction of rotation of tyres.

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. You should, however, always stick to the speed limits of the highway code.

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SNOW CHAINS

The use of snow chains should be in compliance with local regulations. Snow chains may be fitted only to the front wheel tyres (drive wheels).
Check the tension of the chains after the first few metres have been driven.
Use reduced bulk snow chains:

– All versions: for 195/55 R16", 205/55 R16" and 225/45 R17" size tyres use low-clearance snow chains with a maximum protrusion beyond the tyre profile of 9 mm.

IMPORTANT The space-saver wheel cannot be fitted with snow chains. If a front (drive) wheel is punctured and snow chains must be used, you must remove a normal wheel from the rear and replace this one with the space-saver wheel. In this way, with two normal drive wheels, it is possible to use snow chains.

Keep your speed down when snow chains are fitted - do not exceed 50 km/h. Avoid potholes, steps and pavements and also avoid driving for long distances on roads not covered with snow to avoid damaging the car and the road surface.

STORING THE CAR

If the car is to be left inactive for longer than a month, the following precautions should be noted:

- ❍ park the car in a dry, covered and, if possible, ventilated area; engage a gear and check that the handbrake is not engaged;
- ❍ disconnect the negative battery terminal and check battery charge. Repeat this check once every three months during storage;
- ❍ clean and protect painted areas using protective wax;
- ❍ clean and protect the shiny metal areas using special commercially-available products;
- ❍ sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- ❍ slightly open the windows;
- ❍ cover the car with a fabric or perforated plastic sheet. Do not use compact plastic sheets which do not allow humidity to evaporate from the surface of the car.
- ❍ inflate tyres to a pressure of +0.5 bar above the normal specified pressure and check the pressure at regular intervals;
- ❍ if you have not disconnected the battery, check the battery charge every thirty days;
- ❍ do not drain the engine cooling system.

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IN AN EMERGENCY

In an emergency we recommend that you call the freephone number found in the Warranty Booklet. You can also consult www.alfaromeo.com to find your nearest Alfa Romeo Authorized Services.

STARTING THE ENGINE

If the warning light in the instrument panel remains on constantly, contact Alfa Romeo Authorized Services immediately.

JUMP STARTING

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

For engine starting follow the procedure below, fig. 112:

- connect the positive terminal (+) of the booster battery only with the point indicated on the vehicle battery (writing OK figure 112) and nowhere else;
- with a second lead, connect the negative terminal (–) of the auxiliary battery to an earthing point on the engine or the gearbox of the car to be started;
- when the engine has been started, follow the sequence above in reverse order to remove the leads.

Contact an Alfa Romeo Authorised Service Provider if you cannot start the engine after several attempts.

IMPORTANT Never connect the negative terminals of the two batteries directly! If the auxiliary battery is installed on another car, prevent accidental contact between metallic parts of the two cars.

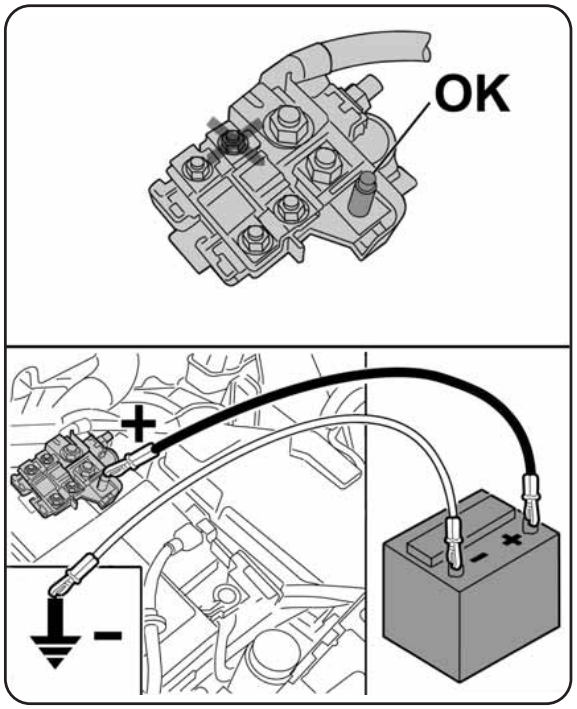

fig. 112 A0K0247m

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Never use a fast battery-charger to start the engine as this could damage the electronic systems of your car, particularly the ignition and fuel supply control units.

BUMP STARTING

Never start the engine by pushing, towing or driving downhill.

CHANGING A TYRE

GENERAL INSTRUCTIONS

The car is equipped with an "Automatic Fix&Go Kit": see "Automatic Fix&Go Kit" for how to use this device.
Alternatively to the "Automatic Fix&Go Kit" the car may be equipped with a space-saver spare wheel: see the instructions on the following pages for changing the tyre.

The space-saver spare wheel is vehicle-specific: do not use it on vehicles of other model and do not use space-saver spare wheels from other models on your car. The space-saver spare wheel must only be used in an emergency. Never use it longer than strictly necessary and never exceed 80 km/h. On the space-saver spare wheel there is a label, summarizing the main warnings about the space-saver spare wheel usage restrictions. Never remove or cover the label. Never apply any hub cap to the space-saver spare wheel.

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. In the event of a wheel change on a slope or on unsurfaced roads, chock the wheels.

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Vehicle handling is modified with the space-saver spare wheel fitted. Avoid violent acceleration and braking, sharp steering and fast cornering. The overall duration of the space-saver spare wheel is of about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a traditional tyre on a rim designed to be used as a space-saver spare wheel. Repair and refit the standard wheel as soon as possible. Using two or more space-saver spare wheels at the same time is forbidden. Do not apply grease to the bolt threads before assembly: they might spontaneously unscrew.

The jack may be used to replace wheels only on the car that it comes with or other cars of the same model. Never use the jack for other purposes, such as lifting other models. Never use the jack to carry out repairs under the car. Incorrect positioning of the jack may cause the car to fall. Do not use the jack for loads higher than the one shown on its label. Never install snow chains on the space-saver spare wheel; if a front tyre (driving wheel) is punctured and you need to use snow chains, use a standard wheel from the rear axle and install the space-saver spare wheel on the rear axle. In this way, with two normal drive wheels, it is possible to use snow chains.

If the hub cap is not fitted correctly, it may come off when the car is travelling. Never tamper with the inflation valve. Never introduce tools of any kind between the rim and the tyre. Regularly check the inflation pressure of the tyres and space-saver wheel (see chapter "Technical specifications").

JACK

Important notes:

- the jack weight is 1.76 kg;
- the jack requires no adjustment;
- the jack cannot be repaired; if it breaks it must be replaced with a new jack;
- no tool other than the cranking device may be fitted on the jack.

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Replace the wheel as follows:

- stop the car in a position so that it is not a danger for on-coming traffic and where you can replace the wheel safely. The ground must be flat and solid;
- switch off the engine, pull up the handbrake and engage 1st gear or reverse; put on the high visibility jacket (required by law) before leaving the car;
- open the boot, pull tab A-fig. 113 and lift up the mat;
- using the wrench A - fig. 114 positioned in the tool box, loosen the locking device, take the tool box B and place it close to the wheel to be replaced, then take the space/saver wheel C;
- take tool A-fig. 115 and loosen the fastening bolts by approximately one turn. For versions with alloy rims, shake the car to facilitate detachment of the rim from the wheel hub.

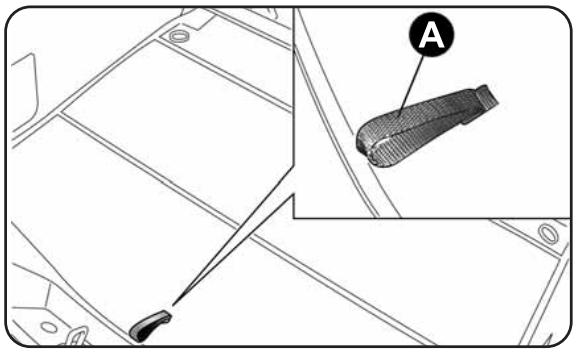

fig. 113 A0K0168m

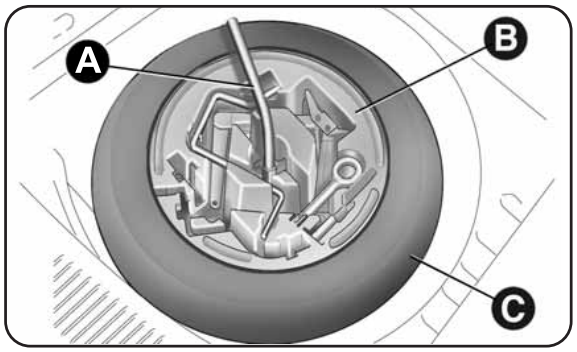

fig. 114 A0K0124m

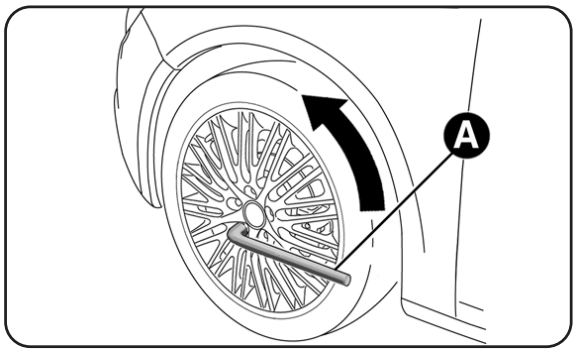

fig. 115 A0K0038m

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- position the jack under the car, near the wheel to be changed. On versions where this is fitted, be careful not to damage the plastic aerodynamic guard;
- operate the device A-fig. 116 so as to extend the jack, until the upper part B-fig. 117 is inserted correctly inside the device C;
- warn anybody nearby that the car is about to be lifted. They must stay clear and not touch the car until it is back on the ground;
- fit the handle D-fig. 116 in the seat in device A, operate the jack and lift the car until the wheel to be changed is several centimetres off the ground;
- for versions with wheel cap, remove the wheel cap after loosening the 4 fastening bolts and finally loosen the fifth bolt and extract the wheel;
- make sure the contact surfaces between space-saver spare wheel and hub are clean so that the fastening bolts will not come loose;
- fit the space-saver spare wheel by inserting the first bolt for two threads into the hole closest to the valve;
- use wrench A-fig. 115 to fully tighten the retaining bolts;

Visit Alfa Romeo Authorized Services as soon as possible to check the correct tightening of the main wheel bolts.

- operate jack handle D-fig. 116 to lower the car. Then extract the jack;

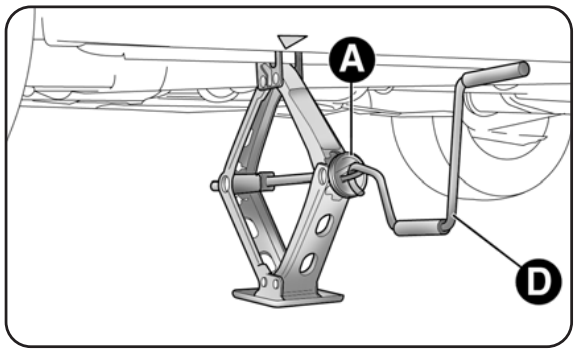

fig. 116 A0K0039m

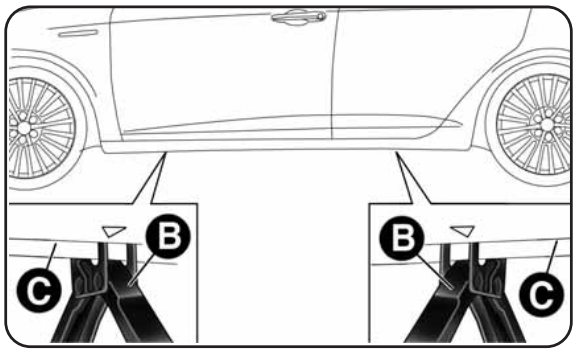

fig. 117 A0K0083m

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- use the wrench A-fig. 115 provided to fasten the bolts completely in a criss-cross fashion as per the order illustrated in fig. 118;
- when replacing an alloy wheel it is advisable to place it upside down, with the aesthetic part facing upwards.

Restore the standard wheel as soon as possible, because, once placed in the associated compartment, the luggage compartment load platform is rendered uneven as the standard wheel is larger than the spare wheel.

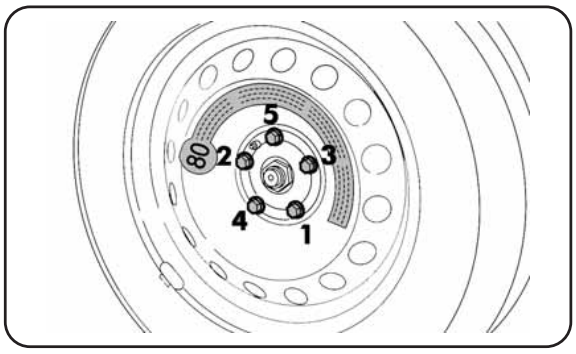

fig. 118 A0K0040m

REMOVING THE SUBWOOFER (versions with Bose HI-FI)

(for versions/markets, where provided)

IMPORTANT The following procedure only applies to cars equipped with Bose HI-FI systems with subwoofer (for versions/markets, where provided).

Subwoofer and space-saver spare wheel

On these versions, the tools needed for changing the wheel are arranged in a specific container on the left-hand side of the boot (see fig. 119). The jack is located in a pocket, again on the left-hand side of the boot (see fig. 119a).

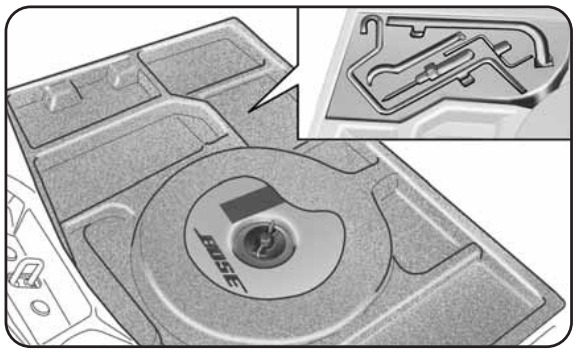

fig. 119 A0K0235m

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Proceed as follows to remove the subwoofer:

- ❍ open the boot, pull the tab A-fig. 113, lift the mat upwards and remove the load compartment spacer fig. 119;
- ❍ loosen the fastening device A-fig. 120, remove the clip B fastening the cable and then lift the subwoofer;
- ❍ rest the subwoofer on the side of the boot and take the space-saver spare wheel;
- ❍ then replace the wheel as described above.

When you have finished:

- ❍ reposition the subwoofer correctly (see indications on the label applied over the subwoofer itself), so that the word "BOSE" is positioned in the right direction for reading;
- ❍ reposition the subwoofer wire correctly to avoid pinching it. Then fasten the clip B-fig. 120 and fasten the blocking device. Finally, position the load compartment spacer fig. 119 correctly and lower the boot mat.

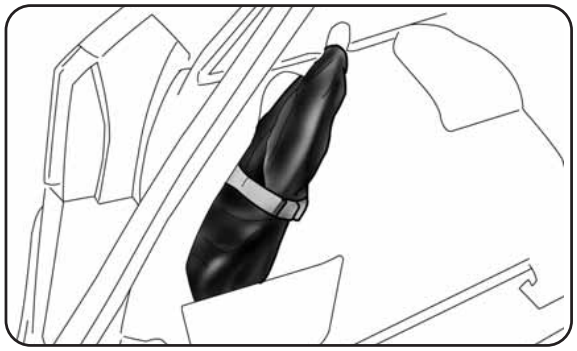

fig. 119a A0K0228m

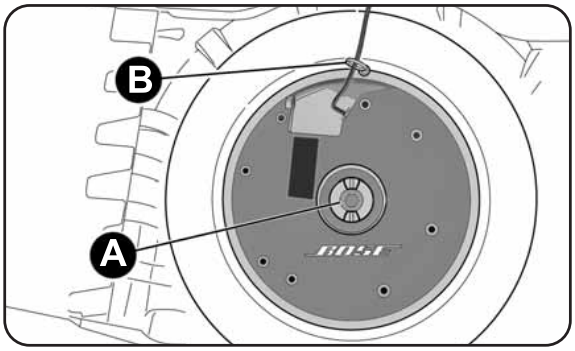

fig. 120 A0K0236m

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Subwoofer and "Automatic Fix&Go Kit"

Locating the Automatic Fix&Go Kit:

- ❍ open the boot, pull tab A-fig. 113 and lift up the mat;
- ❍ take the "Automatic Fix&Go Kit" located on the left side of the boot (fig. 121);
- ❍ inflate the wheel (see "Automatic Fix&Go Kit").

IMPORTANT If you need to remove the subwoofer follow the indications shown on the adhesive label fig. 121 over the subwoofer itself to reposition it correctly.

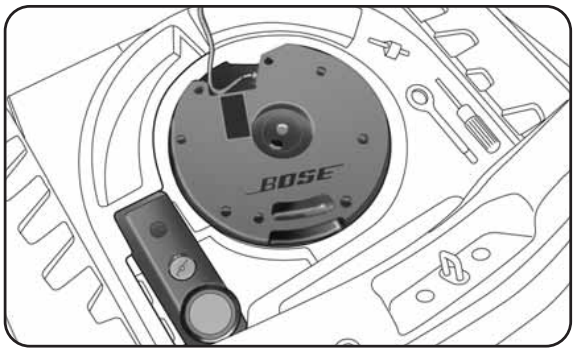

fig. 121 A0K0178m

REFITTING THE WHEEL

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

Proceed as follows:

- ❍ make sure the contact surfaces between standard wheel and hub are clean so that the fastening bolts will not come loose;
- ❍ for versions with steel rims: fixed the wheel hub onto the rim;
- ❍ fit the hub cap by aligning the crescent hole with the bolt you have fitted, then insert the other 4 bolts;
- ❍ tighten the retaining bolts using wrench A-fig. 115;
- ❍ lower the car and remove the jack;
- ❍ use wrench A-fig. 115 to fully tighten the bolts, following the sequence shown in fig. 118;

When you have finished:

- ❍ stow the space-saver spare wheel in the compartment provided in the boot;
- ❍ insert the jack and the other tools in the container;
- ❍ arrange the container and tools on the space-saver spare wheel;
- ❍ reposition the boot mat correctly.

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"Automatic Fix&Go" KIT

This is located in the boot (the kit container may change according to versions - see fig. 122). The kit container also contains a screwdriver and the tow ring. The kit contains:

- ❍ a bottle A-fig. 122a containing sealing liquid, provided with: filling tube B and adhesive label C with the wording "max. 80 km/h" to be placed in a clearly visible position (e.g. on the dashboard) after repairing the tyre;

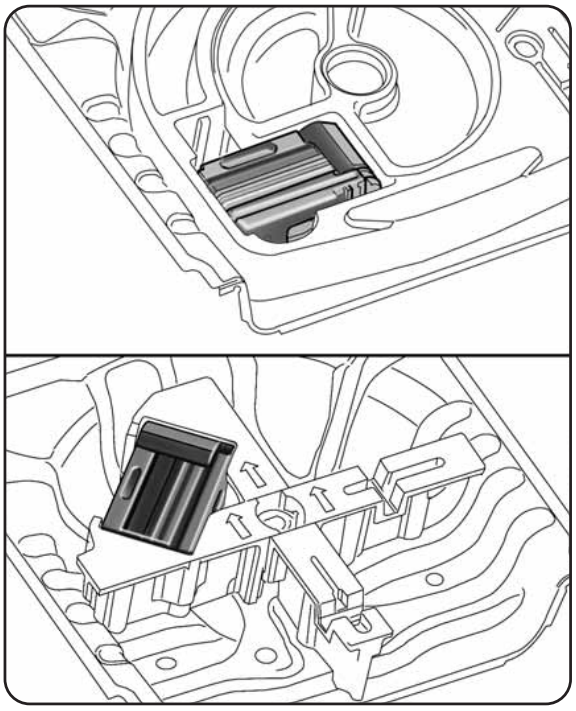

fig. 122 A0K0126m

- ❍ a compressor D complete with pressure gauge and connectors;
- ❍ an information booklet fig. 123, providing instructions for using the kit correctly. This booklet should be given to the persons charged with handling the tyre treated with this kit;

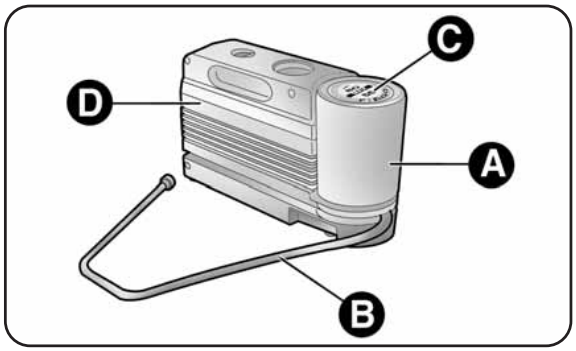

fig. 122a A0K0019m

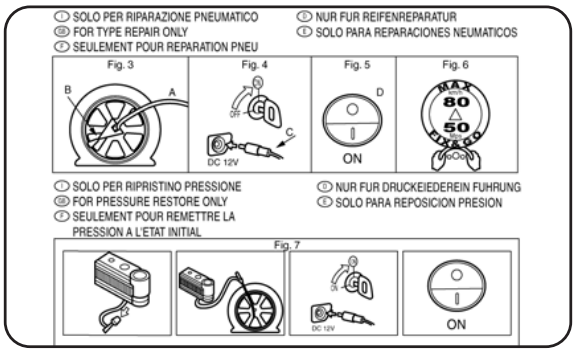

fig. 123 A0K0020m

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

IMPORTANT The sealing liquid is suitable for use at temperatures in the range from −20°C to +50°C. The sealant has an expiry date.

Hand over the instruction booklet to the personnel charged with treating the tyre repaired with the Automatic Fix&Go kit.

In the event of a puncture caused by foreign bodies, the kit may be used to repair tyres showing damage to the tread or shoulder up to a maximum diameter of 4 mm.

It is not possible to repair damage to the tyre sidewall. Do not use the kit on tyres damaged by running with a flat tyre.

If the wheel rim is damaged (the channel is so deformed as to cause air leakage) it cannot be repaired. Do not remove the foreign body (screw or nail) from the tyre.

Do not operate the compressor for longer than 20 minutes consecutively. Risk of overheating. The kit is not suitable for permanent repairs. The tyres repaired may only be used temporarily.

Dispose of the bottle and sealing liquid it contains properly. Dispose according to the national and local laws in force.

The bottle contains ethylene and latex: it may cause an allergic reaction. Harmful if swallowed. Irritating for eyes. There could be a reaction in the event of inhalation or contact. Avoid contact with the eyes, skin and clothes. In the event of contact, wash immediately with plenty of water. Do not induce vomiting if swallowed. Rinse your mouth and drink plenty of water. Call a doctor immediately. Keep away from children. The product must not be used by asthmatics. Do not breathe in the vapours during insertion and suction. Call a doctor immediately if allergic reactions are noted. Store the bottle in the specific compartment, away from sources of heat. The sealant has an expiry date. Replace the cylinder if its sealant is out of date.

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INFLATION PROCEDURE

Wear the gloves included in the kit.

Proceed as follows:

❍ apply the handbrake, loosen the cap from the tyre inflation valve, extract the flexible tube A-fig. 125 and screw ring nut B onto the tyre inflation valve;

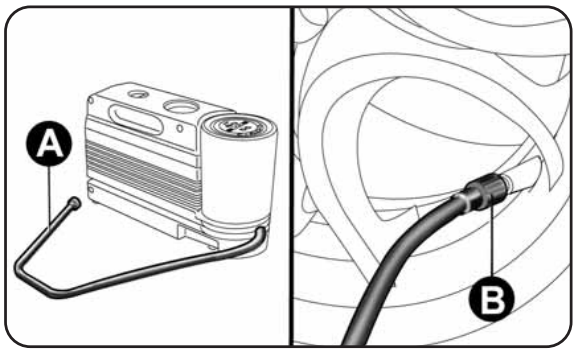

fig. 125 A0K0127m

❍ make sure that switch A-fig. 126 for the compressor is in position 0 (off), start the engine, insert the plug into the luggage compartment current socket (see fig. 126a) or cigar lighter on central tunnel (see fig. 127) and switch on the compressor by bringing switch A-fig. 126 to position I (on);

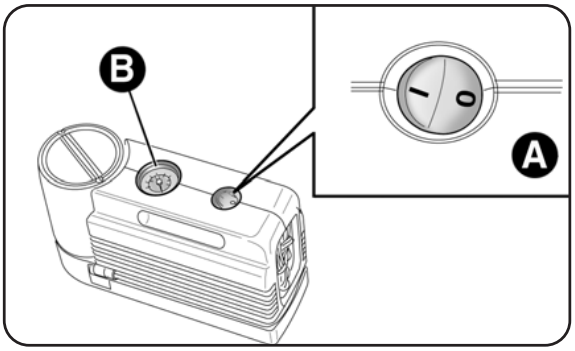

fig. 126 A0K0021m

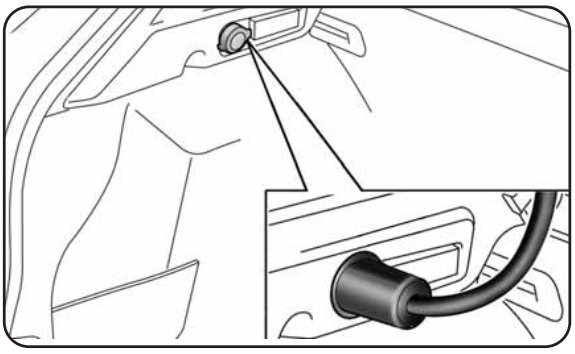

fig. 126a A0K0152m

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- inflate the tyre to the pressure shown in the "Wheels" paragraph in the "Technical Specifications" chapter. In order to obtain a precise reading, check the pressure on pressure gauge B-fig. 126 with the compressor off;
- if after 5 minutes you cannot reach at least 1.8 bar, unplug the compressor from the valve and the socket, then move the car forward about ten metres in order to distribute the sealant inside the tyre evenly, then repeat the inflation operation;

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, particularly on bends. Do not exceed 80 km/h. Do not accelerate or brake suddenly.

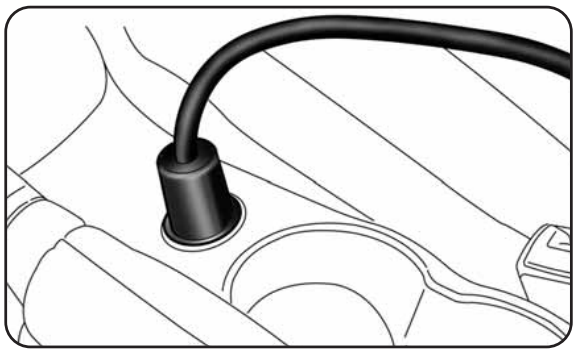

fig. 127 A0K0128m

- 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 Alfa Romeo Authorized Services;
- after driving for about 10 minutes, stop and check the tyre pressure again; remember to put the handbrake on;

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

- if a pressure value of at least 1.8 bar is detected, restore the correct pressure (with the engine running and the handbrake engaged), and drive with care to Alfa Romeo Authorized Services.

Remember to inform the workshop that the tyre has been treated with a quick repair kit. Give the instruction booklet to the personnel charged with handling the treated tyre.

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CHECKING AND RESTORING TYRE PRESSURE

The compressor can also be used to check and if necessary top up the tyre pressure. Release quick coupling A-fig. 128 and connect it directly to the tyre to be inflated.

REPLACING THE BOTTLE

Proceed as follows:

- ❍ release coupling A-fig. 129 and disconnect pipe B;
- ❍ turn the bottle to be replaced anticlockwise and raise it;
- ❍ fit the new bottle and turn it clockwise;
- ❍ insert coupling A or connect tube B into its housing.

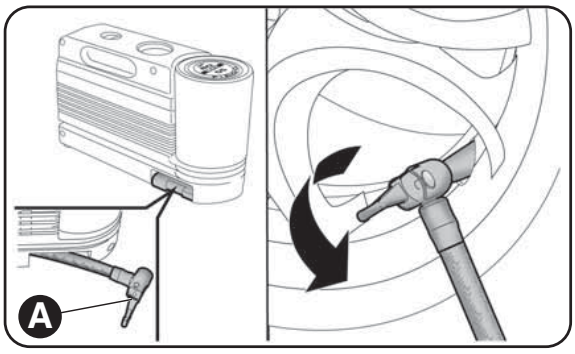

fig. 128 A0K0086m

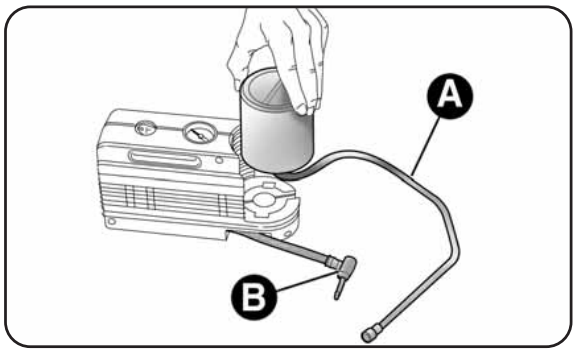

fig. 129 A0K0041m

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CHANGING A BULB

GENERAL INSTRUCTIONS

- Before changing a bulb check the contacts for oxidation;
- blown bulbs must be replaced with others of the same type and power:
- after replacing a headlight bulb, always check its alignment;
- when a light is not working, check that the corresponding fuse is intact before changing the bulb. For the location of fuses, refer to the "Changing a fuse" paragraph in this section.

Halogen bulbs must be handled holding the metallic part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the light emitted and even compromise the longevity of the bulb itself. In the event of accidental contact, wipe the bulb with an alcohol-soaked cloth and leave to dry.

Modifications or repairs to the electrical system (electronic control units) that are not carried out properly or do not take the technical specifications of the system into account can cause malfunctions leading to the risk of fire.

Halogen bulbs contain pressurised gas which may cause small fragments of glass to be projected outwards if the bulb is broken.

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

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.

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BULB TYPES fig. 130

The car has the following light bulbs:

A. Glass bulbs: pressed into position. Pull to extract.

B. Bayonet-type bulbs: to remove from its holder, press the bulb and turn it anti-clockwise, then extract it.

C. Tubular bulbs: release them from their contacts to remove.

D. Halogen bulbs: to remove the bulb, release the clip holding the bulb in place.

E. Halogen bulbs: to remove the bulb, release the clip holding the bulb in place.

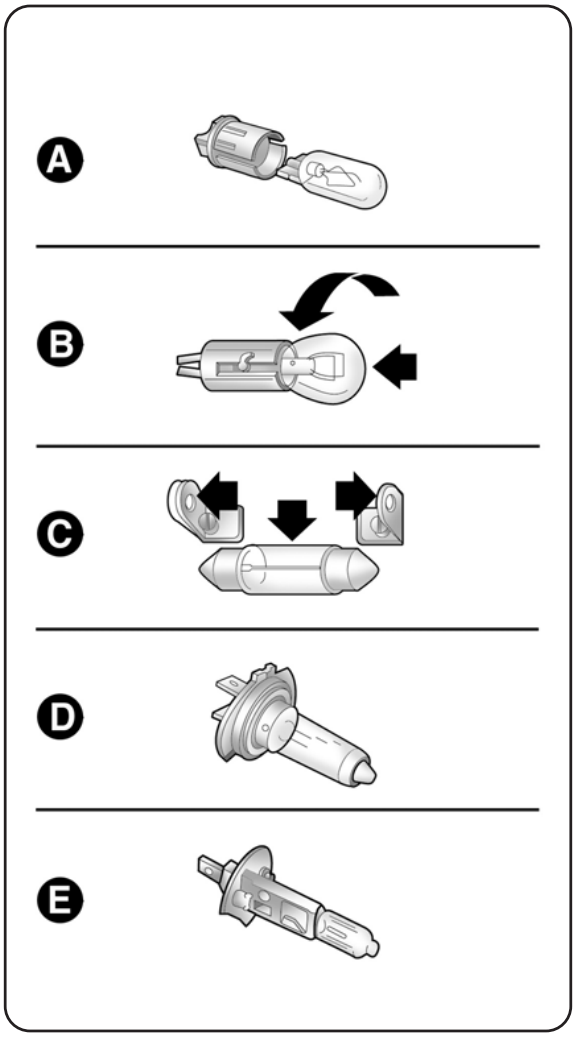

fig. 130 A0K0022m

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Bulbs	Type	Power	Ref. figure 130
Front side lights/Day lights (DRL)	LED	–	–
Rear side lights	LED	–	–
Dipped beams	H7	55W	D
Main beams	H1	55W	E
Main/Dipped beams (versions with Bi-Xenon headlights) (for versions/markets, where provided)	F	D1S	–
Front direction indicators	PY24W	24W	B
Rear direction indicators	R10W	10W	B
Side direction indicators	LED	–	–
Brake light	LED	–	–
3rd brake light	LED	–	–
Number plate light	W5W	5W	A
Fog lights	H3	55W	E
Rear fog light	H21W	21W	B
Reverse light	P21W	21W	B
Front ceiling light	C10W	10W	C
Boot courtesy light	W5W	5W	A
Glove compartment courtesy light	C5W	5W	C
Puddle light	W5W	5W	A

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CHANGING AN EXTERIOR BULB

FRONT LIGHT CLUSTERS fig. 131

These contain the bulbs for the side lights/day lights (DRL), dipped beams, main beams and direction indicators. The bulbs are arranged as follows:

A. Side lights/day lights and main beam headlights;

B. Dipped beam headlights;

C. Direction indicators.

SIDE LIGHTS/DAY LIGHTS (DRL)

These are LEDs. Contact Alfa Romeo Authorized Services to replace these lights.

MAIN BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❍ remove cover A-fig. 131;
- ❍ remove the connector A-fig. 132 and then open the tabs B towards;
- ❍ extract the bulb C and replace it;
- ❍ refit the new lamp, making sure that it is locked correctly, and secure the tabs B again and reconnect the connector A;
- ❍ finally refit the cover A-fig. 131.

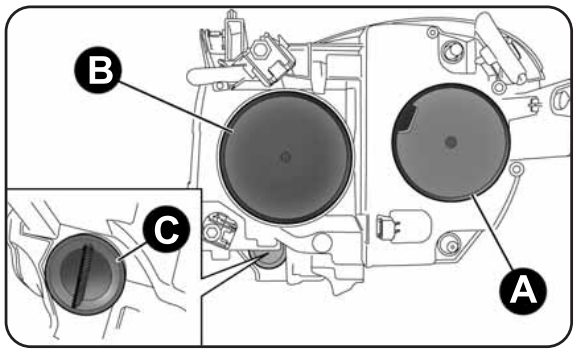

fig. 131 A0K0201m

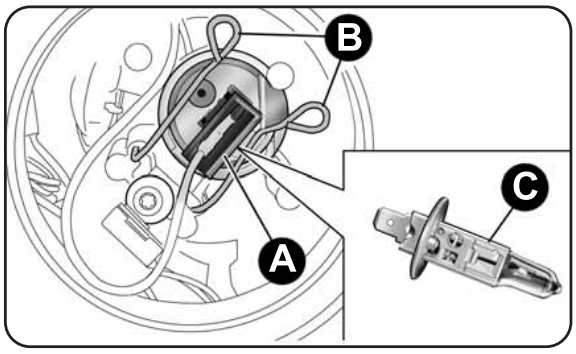

fig. 132 A0K0202m

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DIPPED BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❍ remove cover B-fig. 131;
- ❍ remove the connector A-fig. 133, press the tab B forward and then release by pushing it towards the inside the car;
- ❍ extract the bulb C and replace it;
- ❍ refit the new lamp, making sure that it is locked correctly, and secure the tab B again and reconnect the connector A;
- ❍ finally refit cover B-fig. 131.

DIRECTION INDICATORS

Front

To replace the bulb, turn the cover C-fig. 131 anticlockwise by ¼ of a turn and replace the bulb + bulb holder assembly A-fig. 134.

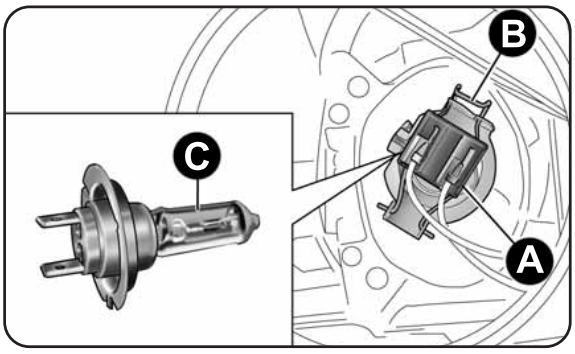
Side

These are LEDs. Contact Alfa Romeo Authorized Services to replace these lights.

FRONT FOG LIGHTS

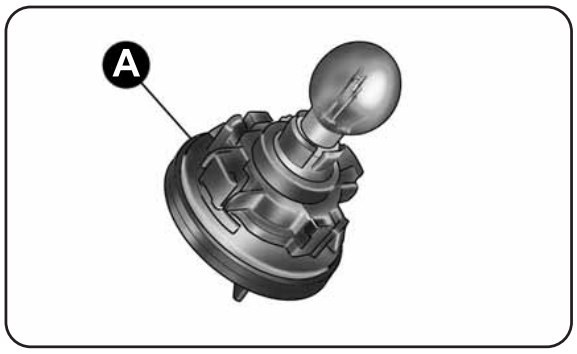
(for versions/markets, where provided)

Contact Alfa Romeo Authorized Services to replace these bulbs.



A0K0203m

fig. 133



A0K0204m

fig. 134

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REAR LIGHT CLUSTERS

These contain the taillights, brake lights, direction indicators (bulbs in fixed light cluster), reverse light and rear fog light (bulb in light cluster on boot hatch).

Removing the fixed light cluster

Proceed as follows:

- ❍ open the boot and loosen the rear light cluster fastening screw A-fig. 135;
- ❍ extract the light cluster by removing it with both hands in the direction of the arrow (see fig. 135);
- ❍ connect the electrical connector and replace the bulb concerned.

TAILLIGHTS/BRAKE LIGHTS

These are LEDs. Contact Alfa Romeo Authorized Services to replace these lights.

DIRECTION INDICATORS

With the light cluster removed, to replace the bulb undo the two screws A-fig. 136, remove the bulb holder and replace bulb B.

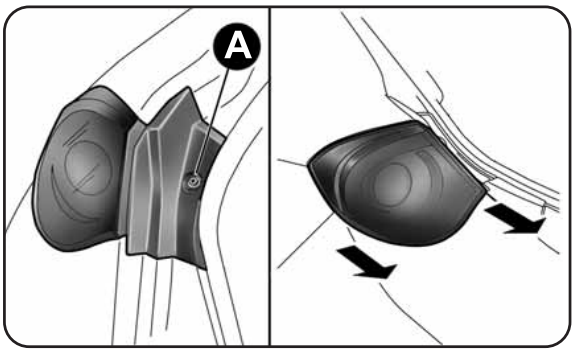

fig. 135 A0K0184m

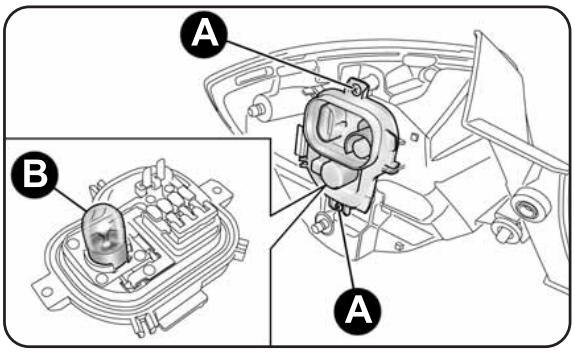

fig. 136 A0K0205m

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REAR FOG LIGHTS/REVERSING LIGHTS

To replace the bulbs proceed as follows:

- ❍ open the boot and remove the cover A-fig. 137 using a screwdriver in the point indicated by an arrow;
- ❍ remove the connector A-fig. 138 and extract the bulb holder assembly by operating on the retaining tab B and then by loosening the screw C;
- ❍ remove the bulb by pushing it slightly and turning it anticlockwise fig. 138;
  D: reverse light bulb
  E: fog light bulb
- ❍ refit the bulb holder assembly positioning it correctly, fasten screw C and then fix it by means of the retaining tab B. Then refit the cover A-fig. 137.

IMPORTANT Protect the tip of the screwdriver with a cloth to prevent scratching when removing the cover A-fig. 137.

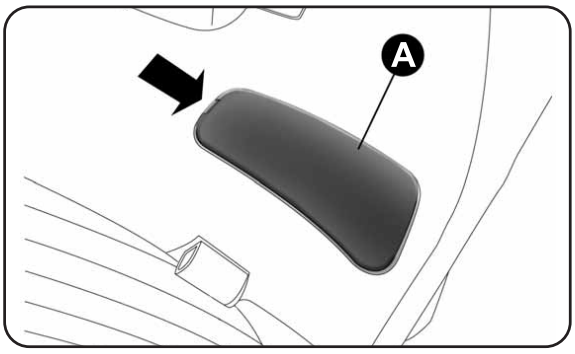

fig. 137 A0K0176m

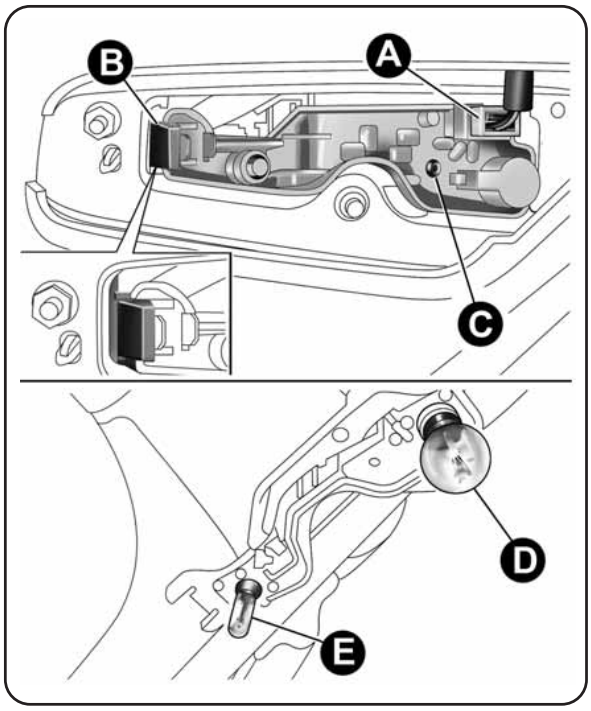

fig. 138 A0K0177m

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THIRD BRAKE LIGHTS

These are LEDs and are located on the spoiler integrated on the boot hatch. Contact Alfa Romeo Authorized Services to replace these lights.

NUMBER PLATE LIGHTS

To change the bulb proceed as follows:

- ❍ remove number plate lights group A-fig. 139;
- ❍ turn bulb holder B-fig. 140 anticlockwise, remove bulb C and replace it.

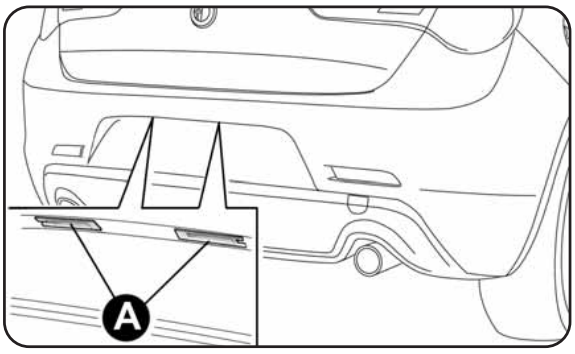

fig. 139 A0K0147m

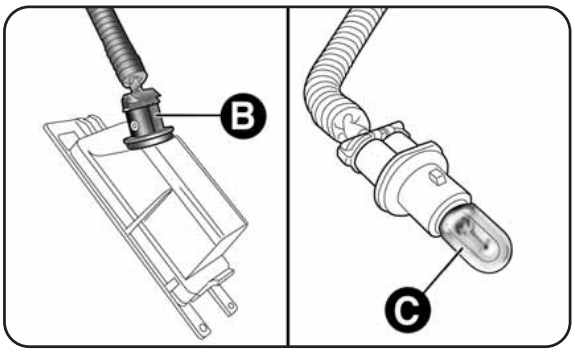

fig. 140 A0K0146m

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CHANGING AN INTERIOR BULB

FRONT CEILING LIGHT

To change the bulb, proceed as follows:

- ❍ remove courtesy light A-fig. 141 by applying leverage at the points shown by the arrows;
- ❍ open flap B-fig. 142 replace bulb C, releasing it from the side contacts. Make sure that the new bulbs are correctly secured between the contacts;
- ❍ close flap B-fig. 142 and secure courtesy light A-fig. 141 in its housing.

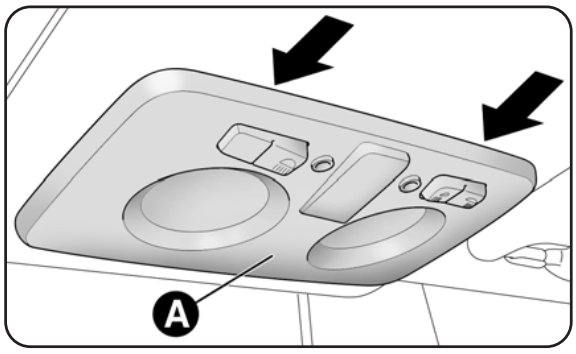

fig. 141 A0K0090m

REAR CEILING LIGHT

To change the bulb, proceed as follows:

- ❍ remove courtesy light A-fig. 143 by applying leverage at the points shown by the arrows;

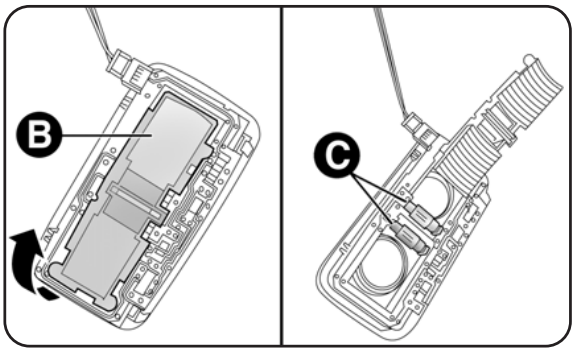

fig. 142 A0K0089m

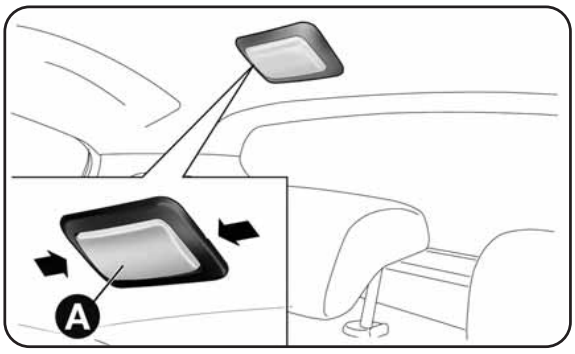

fig. 143 A0K0062m

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❍ open flap B-fig. 144, replace bulb C, releasing it from the side contacts. Make sure that the new bulbs are correctly secured between the contacts;

❍ close flap B-fig. 144 and secure courtesy light A-fig. 143 in its housing.

BOOT LIGHT

To change the bulb, proceed as follows:

❍ open the boot and extract the light A-fig. 145 by operating in the point shown by the arrow;

❍ open the protection B-fig. 146 and replace the bulb;

❍ close the protection B on the lens;

❍ refit the light A-fig. 145 by inserting in its correct position on one side and then on the other and then press the other side until you hear it click.

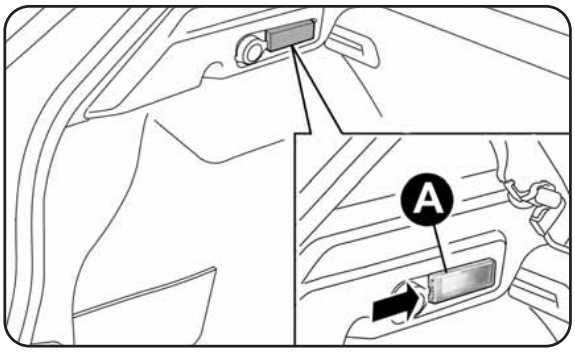

fig. 145 A0K0173m

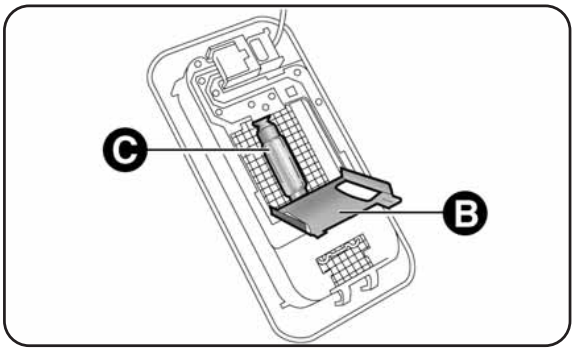

fig. 144 A0K0091m

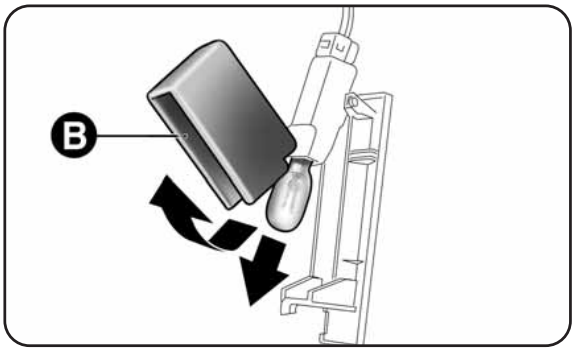

fig. 146 A0K0148m

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GLOVE COMPARTMENT LIGHT

To change the bulb, proceed as follows:

- ❍ open the glove compartment and extract the light A-fig. 147;
- ❍ open the protection B and replace the bulb;
- ❍ re-close the protective cover B on the lens;
- ❍ refit the light A by inserting it in its correct position firstly on one side and then on the other until it clicks into place.

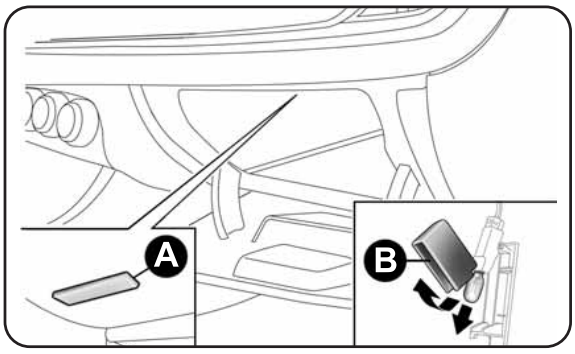

fig. 147 A0K0172m

COURTESY LIGHT

(for versions/markets, where provided)

For the replacement of these bulbs, contact Alfa Romeo Authorized Services.

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PUDDLE LIGHTS

To change the bulb, proceed as follows:

- ❍ open the door (front or rear) and extract the light A-fig. 149;
- ❍ open the protection B and replace the bulb;
- ❍ re-close the protective cover B on the lens;
- ❍ refit the light by inserting it in its correct position firstly on one side and then on the other until it clicks into place.

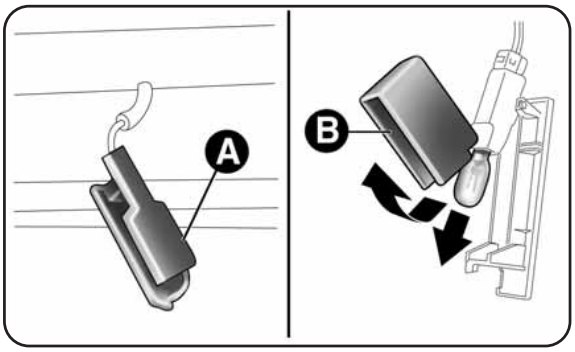

fig. 149 A0K0149m

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CHANGING A FUSE

GENERAL INFORMATION

Fuses protect the electric system: they blow in the event of a fault/intervention in the system. Check the state of the corresponding fuse when a device does not work: the filament A-fig. 150 must be intact.
If it is, replace the blown fuse with a new one with the same amperage (same colour).

B = intact fuse.

C = fuse with damaged filament.

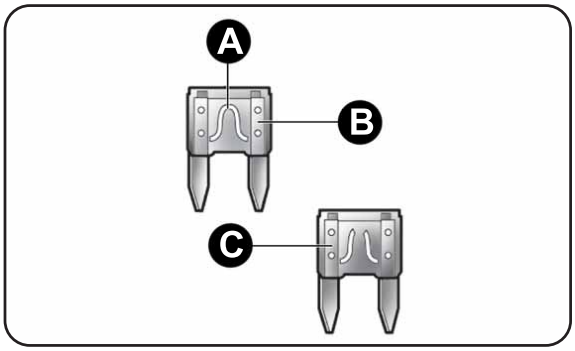

fig. 150 A0K0042m

Use the pliers A-fig. 151 under the engine compartment fusebox lid to remove the fuses (see "Engine compartment fusebox" for how to remove the lid).

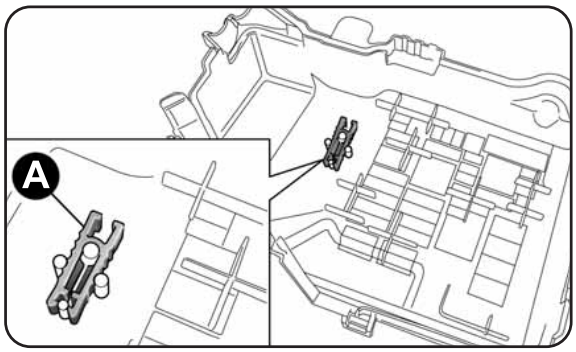

fig. 151 A0K0207m

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Contact Alfa Romeo Authorized Services should the fuse blow again.

Never replace a blown fuse with metallic wires or other material.

Never replace a fuse with another of higher amperage: FIRE RISK.

If a general protection fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) blows, contact Alfa Romeo Authorized Services.

Remove the key from the ignition switch and switch off all loads before replacing a fuse.

Contact Alfa Romeo Authorized Services if a safety system (air bags, brakes), engine system (engine, gearbox) or steering system general protection fuse blows.

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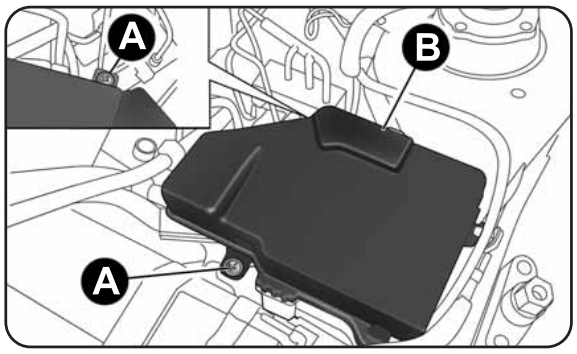
FUSE LOCATION

Fuses are grouped together in three fuseboxes located in the engine compartment, on the dashboard and inside the boot.

Engine compartment fusebox fig. 153

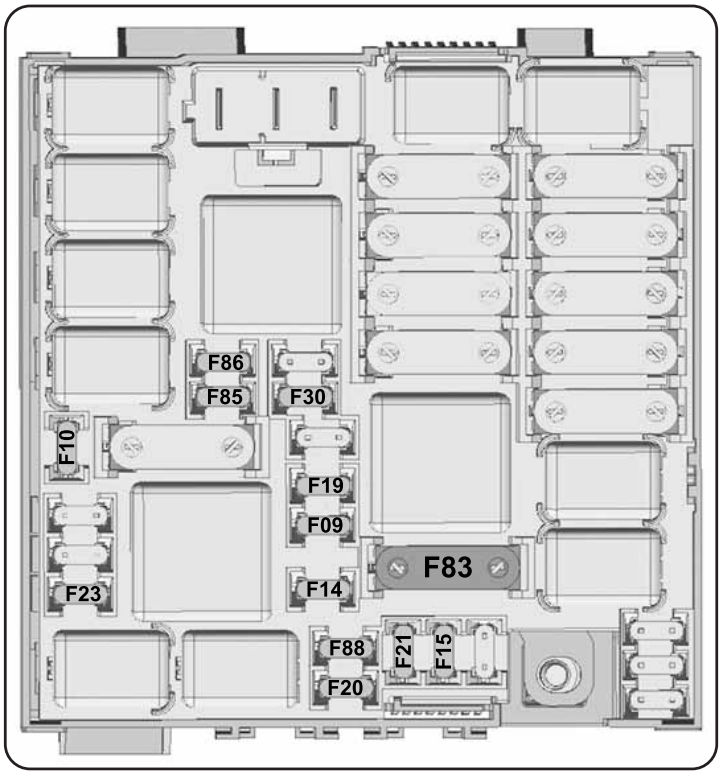
This is located by the side of the battery: loosen the screws A-fig. 152 and remove the lid B to access the fuses. The number of the electrical component corresponding to each fuse can be found on the back of the cover. After replacing the fuse, make sure you close cover B on the fusebox.

If you have to wash the engine compartment, take care not to aim the jet of water directly at the fuse box or windscreen wiper motors.



AOK0174m

fig. 152



AOK0231m

fig. 153

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Fusebox on dashboard

Insert a hand in the seat A-fig. 154 and lower the flap B to access the fuses. The fuses are located in the fusebox shown in fig. 155.

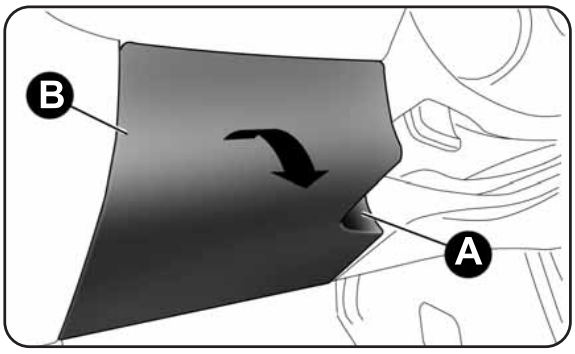

fig. 154 A0K0206m

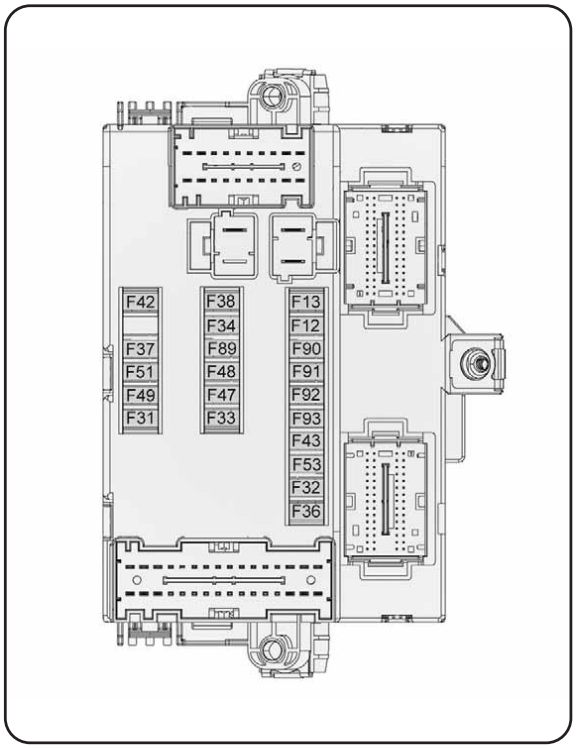

fig. 155 A0K0232m

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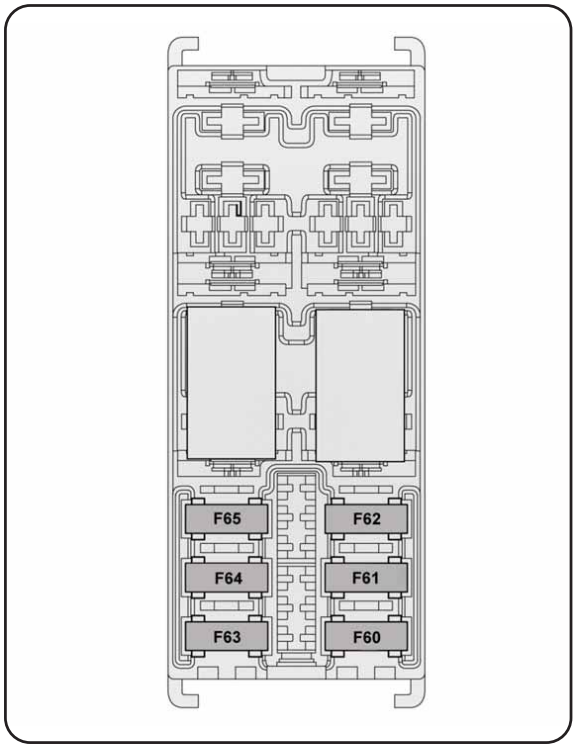
Boot fusebox

The fuse box (fig. 157) is located on the left side of the luggage compartment underneath the side cover. Contact Alfa Romeo Authorized Services to access it.



A0K0045m

fig. 157

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FUSE TABLE

LIGHTS	FUSE	AMPS	FIGURE
Right main beam headlight	F91	7.5	155
Left main beam headlight	F90	7.5	155
Right dipped beam headlight (versions with halogen headlights)	F12	7.5	155
Left dipped beam headlight (versions with halogen headlights)	F13	7.5	155
Right dipped beam headlight (versions with Bi-Xenon headlights)	F12	15	155
Left dipped beam headlight (versions with Bi-Xenon headlights)	F13	15	155
Right fog light	F93	7.5	155
Left fog light	F92	7.5	155
Boot light/Sun visor lights/ Door puddle light/Glove compartment light/ Front/rear ceiling light Radionavigator display	F32	10	155

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USERS	FUSE	AMPS	FIGURE
Headlight washer pump supply	F09	30	153
Horn	F10	15	153
AC compressor	F19	7.5	153
Heated rear window	F20	30	153
Fuel pump	F21	15	153
Fuel pump (1750 Turbo Petrol version)	F21	20	153
Various devices	F31	5	155
Rear electric window (left side)	F33	20	155
Rear electric window (right side)	F34	20	155
+30	F36	10	155
Various devices	F37	7.5	155
Central locking	F38	20	155
Body Computer power supply	F42	5	155

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USERS	FUSE	AMPS	FIGURE
Two-way windscreen washer pump	F43	20	155
Front electric window (driver side)	F47	20	155
Front electric window (passenger side)	F48	20	155
Various devices	F49	5	155
Various devices	F51	5	155
+30	F53	7.5	155
Lumbar adjustments	F60	15	157
Front seat heater	F61	15	157
BOSE amplifier + Subwoofer	F62	20	157
Left front seat movement	F63	15	157
Right front seat movement	F64	15	157
Electric sunroof	F65	15	157
Cigar lighter/power socket	F85	15	153
12V boot power socket	F86	15	153
IBS Battery charge status sensor for Start&Stop system	F87	5	153
External mirror defrosters	F88	7.5	153

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RECHARGING THE BATTERY

IMPORTANT The battery recharging procedure is provided for information purposes only. Contact Alfa Romeo Authorized Services to carry out this operation.

We recommend recharging the battery slowly for approximately 24 hours at low amperage. A prolonged recharge might damage the battery.

VERSIONS WITHOUT Start&Stop

(for versions/markets, where provided)

Charge the battery as follows:

- ❍ disconnect the battery negative terminal;
- ❍ connect the charger leads to the battery terminals, observing the polarity;
- ❍ turn on the charger;
- ❍ when you have finished, turn the charger off before disconnecting the battery;
- ❍ reconnect battery negative terminal.

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VERSIONS WITH Start&Stop fig. 158
(for versions/markets, where provided)

Charge the battery as follows:

- ❍ proceed as follows: detach the connector A (by pressing button B) from sensor C for monitoring the status of the battery installed on the battery negative pole D;
- ❍ connect the positive cable to the positive battery terminal E and the negative terminal to the sensor D as shown in the figure;
- ❍ turn on the charger. Turn the device off after recharging;
- ❍ after having disconnected the recharging device, reconnect the connector A to the sensor C as shown in the figure.

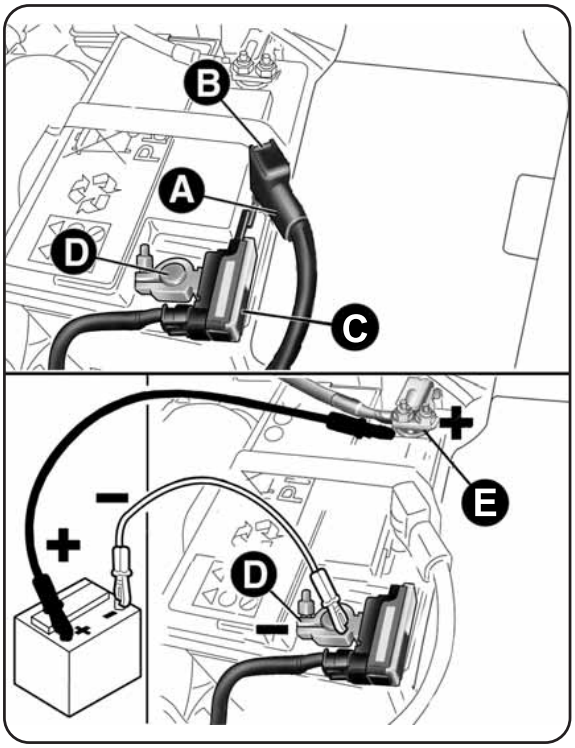

fig. 158 A0K0200m

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LIFTING THE CAR

If you need to lift the car contact Alfa Romeo Authorized Services, who will be equipped with a workshop lift.

IMPORTANT Be careful when positioning the lift for versions with side spoilers.

TOWING THE CAR

The tow ring provided with the car is housed in the tool box in the boot.

ATTACHING THE TOW HOOK

Manually release the plug A pressing in the lower part, take the tow hook from its seat in the tool support and tighten it securely on the front threaded pin (fig. 159) or on the rear threaded pin (fig. 160).

Before beginning to tow, turn the ignition key to MAR and then to STOP, without extracting it When the key is removed, the steering wheel lock automatically activates, making it impossible to turn the wheels.

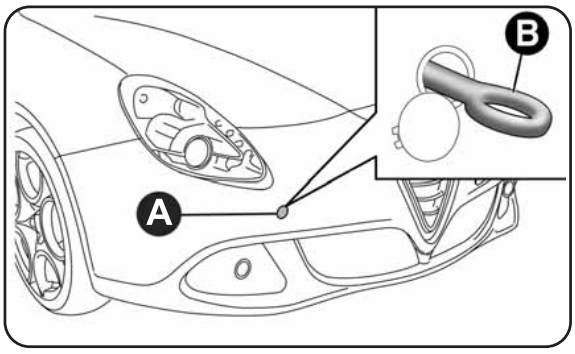

fig. 159 A0K0136m

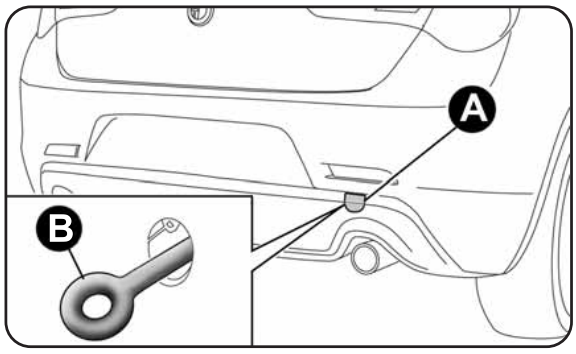

fig. 160 A0K0137m

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The brake servo and the electrical power steering will not work while the car is being towed. More effort on the brake pedal and steering wheel will therefore be required. Do not use wires for towing. Do not jerk. Be careful not to damage parts in contact with the car while towing. Respect the specific rules of the Highway Code when towing the car, specifically in relation to the towing device and conduct on the road. Do not start the engine while towing the car. Clean the threaded seat carefully before fastening the hook. Make sure that the hook is fully fastened in the seat before towing the car.

The front and rear tow hooks must only be used for emergency situations on the road. The car may be towed for short distances when a dedicated device is used in compliance with the Highway Code (rigid bar), and in order to move the vehicle on the road in preparation for towing by a tow truck. 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. Respecting the above conditions, towing must take place with two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

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SERVICING AND MAINTENANCE

SCHEDULED SERVICING

Correct maintenance is essential for ensuring long car life under the best conditions.
For this reason, Alfa Romeo has prepared a series of checks and service operations to be carried out every 30,000 kilometres (for 1.4 petrol versions) or every 35,000 kilometres (for 1750 Turbo Petrol and diesel versions).
Check the items on the Scheduled Servicing Plan (e.g. periodically check level of liquids, tyre pressure, etc.) before 30,000/ 35,000 km and between these services deadlines.
Scheduled Service operations should be carried out at Alfa Romeo Authorized Services according to a set time schedule. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out only with the explicit agreement of the Customer.
If your car is used frequently for towing, the interval between one service operation and the next should be reduced.

IMPORTANT NOTES

- At 2000 km from the next service operation the display will show a message.
- Scheduled Servicing operations are required by the manufacturer. Failure to comply with the schedule may invalidate the warranty.
- It is advisable to inform Alfa Romeo Authorized Services of any small faults without waiting for the next scheduled service.

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SCHEDULED SERVICING PLAN

1.4 Turbo Petrol and 1.4 Turbo Multi Air VERSIONS

Thousands of miles	18	36	54	72	90	108
Thousands of km	30	60	90	120	150	180
Months	24	48	72	96	120	144
Check tyre condition/wear and adjust pressure if required	●	●	●	●	●	●
Check lighting system operation (headlights, direction indicators, hazard lights, passenger compartment lights, boot lights, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check windscreen wiper/washer operation	●	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●	●
Check condition and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●	●
Check rear disc brake pad condition and wear	●	●	●	●	●	●
Conditions and visual check: bodywork exterior, underbody protection, pipes and hoses (exhaust - fuel system - braking system), rubber elements (boots - sleeves - bushes - etc.)	●	●	●	●	●	●
Check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages	●	●	●	●	●	●
Check and top up, if required, fluid levels (engine coolant, brake/hydraulic clutch fluid, windscreen washer fluid, battery fluid, etc)	●	●	●	●	●	●
Check the handbrake lever travel and adjust it, if necessary	●	●	●	●	●	●
Check condition of timing belt		●				●
Visually inspect the condition of accessory drive belt(s)		●				●
Check exhaust gas emissions	●	●	●	●	●	●
Check battery charge status and possibly recharge	●	●	●	●	●	●

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Thousands of miles	18	36	54	72	90	108
Thousands of km	30	60	90	120	150	180
Months	24	48	72	96	120	144
Check engine control system operation (using diagnosis socket)	●	●	●	●	●	●
Replace accessory drive belt(s)				●		
Replace toothed timing drive belt (*)				●		
Replace spark plugs ⚠ 1	●	●	●	●	●	●
Replace air filter cartridge		●		●		●
Change engine oil and oil filter (or every 24 months) ⚠ 2	●	●	●	●	●	●
Change brake fluid (or every 24 months)		●		●		●
Change pollen filter (or every 15 months)	●	●	●	●	●	●

(*) Regardless of the distance covered, the timing belt must be changed every 4 years for particularly demanding use (cold climates, city driving, long periods of idling) or at least every 5 years.

⚠ *1 For 1.4 Turbo Petrol and 1.4 Turbo Multi Air versions, in order to guarantee correct operation and prevent serious damage to the engine, it is essential to observe the following:*

- only use spark plugs specifically certified for Turbo Petrol engines; all spark plugs should be of the same type and brand (see the "Engine" paragraph in the "Technical Specifications" chapter);
- adhere strictly to the spark plug replacement intervals detailed in the Scheduled Servicing Plan;
- You are advised to go to Alfa Romeo Authorized Services to have the spare plugs replaced.

⚠ *2 If the car is mainly used in cities or travels less than 10,000 km a year, change the engine oil and filter every 12 months.*

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1750 Turbo Petrol VERSIONS

Thousands of miles	21	42	63	84	105
Thousands of km	35	70	105	140	175
Months	24	48	72	96	120
Check tyre conditions/wear and adjust pressure if required	●	●	●	●	●
Check lighting system operation (headlights, direction indicators, hazard warning lights, passenger compartment lights, boot lights, instrument panel warning lights, etc.)	●	●	●	●	●
Check windscreen wiper/washer operation	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●
Check condition and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●
Check rear disc brake pad condition and wear	●	●	●	●	●
Conditions and visual check: bodywork exterior, underbody protection, pipes and hoses (exhaust - fuel system - braking system), rubber elements (boots - sleeves - bushes - etc.)	●	●	●	●	●
Check cleanness of locks, bonnet and boot and lever cleanness and lubrication	●	●	●	●	●
Check and top up, if required, fluid levels (engine coolant, brake/hydraulic clutch fluid, windscreen washer fluid, battery fluid, etc)	●	●	●	●	●
Check the handbrake lever travel and adjust it, if necessary	●	●	●	●	●
Visually inspect the condition of the auxiliary drive belt		●			●
Visually inspect the condition of toothed timing belt		●			●

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Thousands of miles	21	42	63	84	105
Thousands of km	35	70	105	140	175
Months	24	48	72	96	120
Check exhaust emissions	●	●	●	●	●
Check battery charge status and possibly recharge	●	●	●	●	●
Check engine control system operation (via diagnostic socket)	●	●	●	●	●
Replace accessory drive belt(s)			●		
Replace toothed timing belt (*)			●		
Replace spark plugs		●		●	
Replace air filter cartridge		●		●	
Change engine oil and oil filter (or every 12 months) (**)					
Change brake fluid (or every 24 months)		●		●	
Change pollen filter (or every 15 months)	●	●	●	●	●

(*) Regardless of the distance covered, the timing belt must be changed every four years for particularly demanding use (cold climates, city driving, long periods of idling) or at least every five years in all other cases.

(**) The engine oil and the oil filter must be changed when the instrument panel warning light comes on (see "Warning lights and messages" in "Getting to know your car" chapter) or in any case every 12 months.

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Diesel VERSIONS

Thousands of miles	21	42	63	84	105
Thousands of km	35	70	105	140	175
Months	24	48	72	96	120
Check tyre condition/wear and adjust pressure if required	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, instrument panel warning lights, etc.)	●	●	●	●	●
Check windscreen wiper/washer operation	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●
Check condition and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●
Check rear disc brake pad condition and wear	●	●	●	●	●
Conditions and visual check: bodywork exterior, underbody protection, pipes and hoses (exhaust - fuel system - braking system), rubber elements (boots - sleeves - bushes - etc.)	●	●	●	●	●
Check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages	●	●	●	●	●
Check and top up, if required, fluid levels (engine coolant, brake/hydraulic clutch fluid, windscreen washer fluid, battery fluid, etc)	●	●	●	●	●
Check the handbrake lever travel and adjust it, if necessary	●	●	●	●	●
Check exhaust fumes/emissions	●	●	●	●	●
Check battery charge status and possibly recharge	●	●	●	●	●
Visually inspect the condition of the auxiliary drive belt		●			●
Check engine control system operation (via diagnostic socket)	●	●	●	●	●

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Thousands of miles	21	42	63	84	105
Thousands of km	35	70	105	140	175
Months	24	48	72	96	120
Replace auxiliary drive belts			●		
Replace toothed timing drive belt (*)				●	
Replace fuel filter		●		●	
Replace air filter cartridge		●		●	
Change engine oil and oil filter (**) (or every 24 months)					
Change brake fluid (or every 24 months)		●		●	
Change pollen filter (or every 15 months)	●	●	●	●	●

(*) Regardless of the distance covered, the timing belt must be changed every 4 years for particularly demanding use (cold climates, city driving, long periods of idling) or at least every 5 years.

(**) The engine oil and oil filter should be changed when the warning light on the dashboard comes on, or every 24 months.

If the car is mainly used in town, change the engine oil and filter every 12 months.

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REGULAR CHECKS

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

- engine coolant level, brake fluid and windscreen washer fluid
- tyre pressure and condition;
- operation of lighting system (headlights, direction indicators, hazard lights, etc.);
- operation of the windscreen wiper/washer system, position and wear of windscreen/rear window wiper blades;

Check and top up, if required, the engine oil level every 3,000 km.

DEMANDING USE OF THE CAR

If you use the car mainly under one of the following conditions:

- trailer or caravan towing;
- dusty roads;
- short (less than 7-8 km) and repeated journeys in sub-zero temperatures;
- frequent engine idling, travelling long distances at low speeds or long term inactivity;

perform the following inspections more frequently than shown on the Scheduled Servicing Plan:

- check front disc brake pad condition and wear;
- check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages;
- visually inspect the conditions of: engine, gearbox, transmission, pipes and tubes (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.);
- check battery charge and liquid level (electrolyte);
- visually inspect the condition of auxiliary drive belts;
- check and if necessary change engine oil and oil filter;
- check pollen filter and replace it, if required;
- check air filter and replace, if required.

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CHECKING LEVELS

Be careful not to confuse the various types of fluids while topping up: they are all incompatible with each other and may severely damage your car.

Never smoke while working in the engine compartment: flammable gases may be present. Risk of fire.

Proceed very carefully inside the engine compartment when the engine is hot: risk of burns. Remember that the fan may start up if the engine is hot: this could injure you. Make sure that scarves, ties and other loose fitting garments do not get caught up in moving parts.

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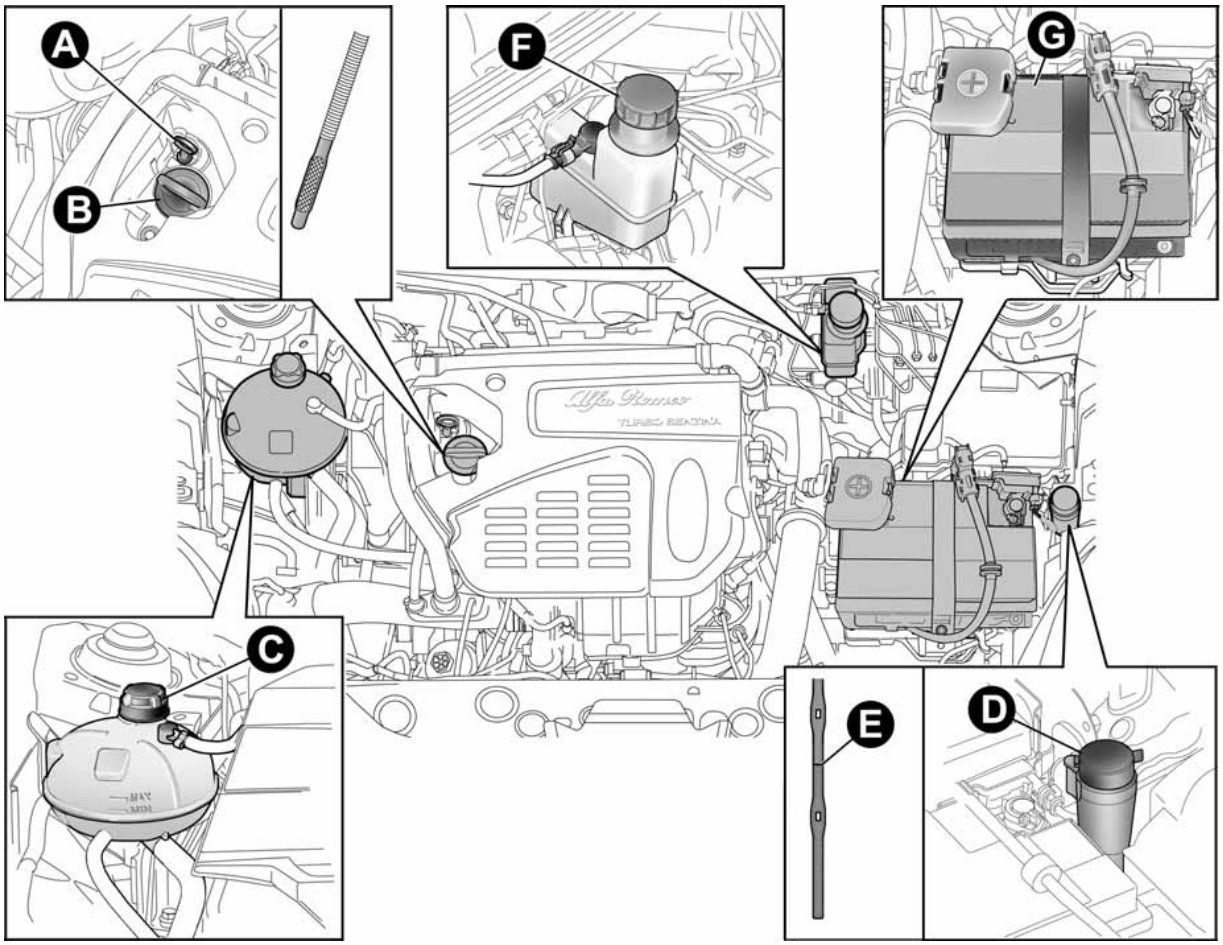

fig. 161 - 1.4 Turbo Petrol versions

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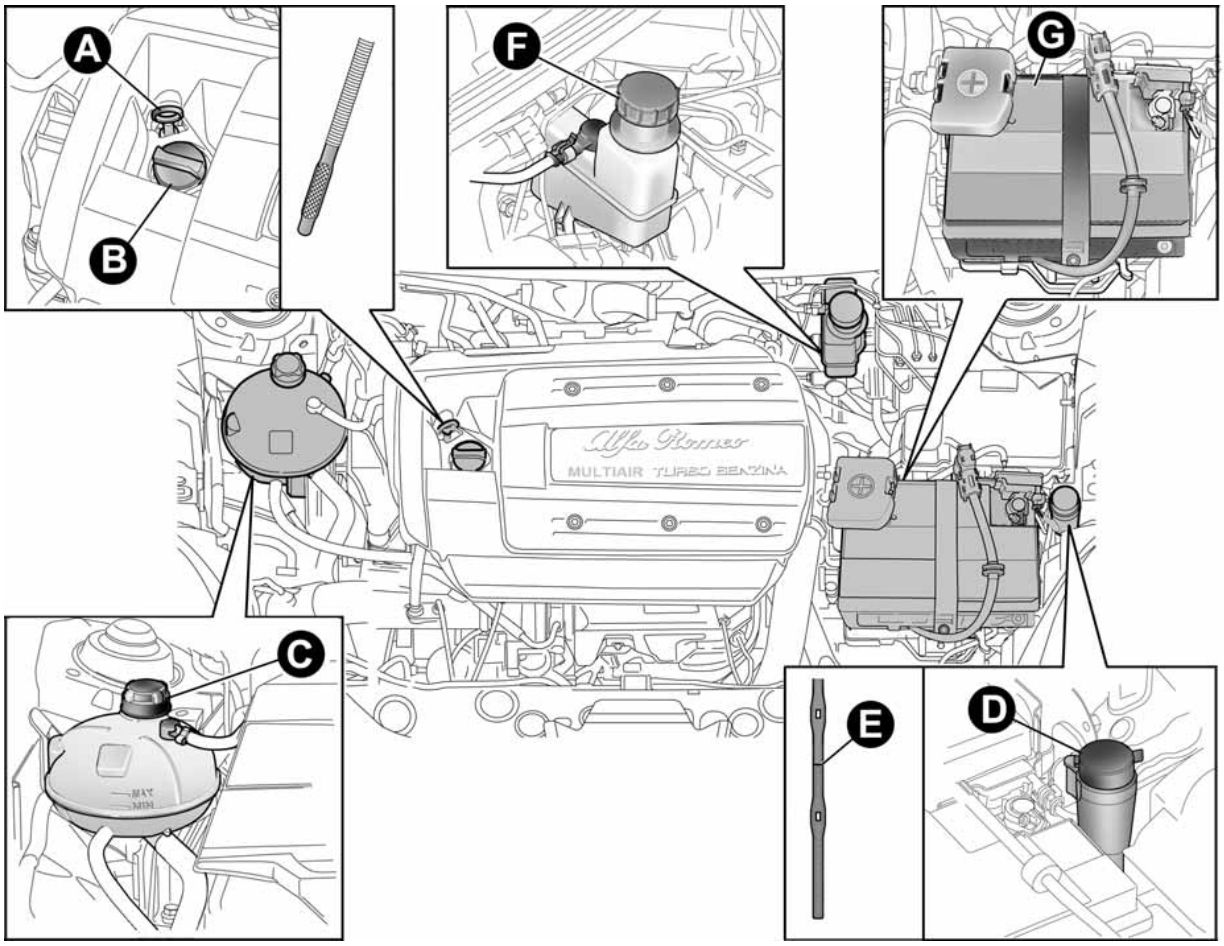

fig. 162 - 1.4 Turbo Multi Air versions

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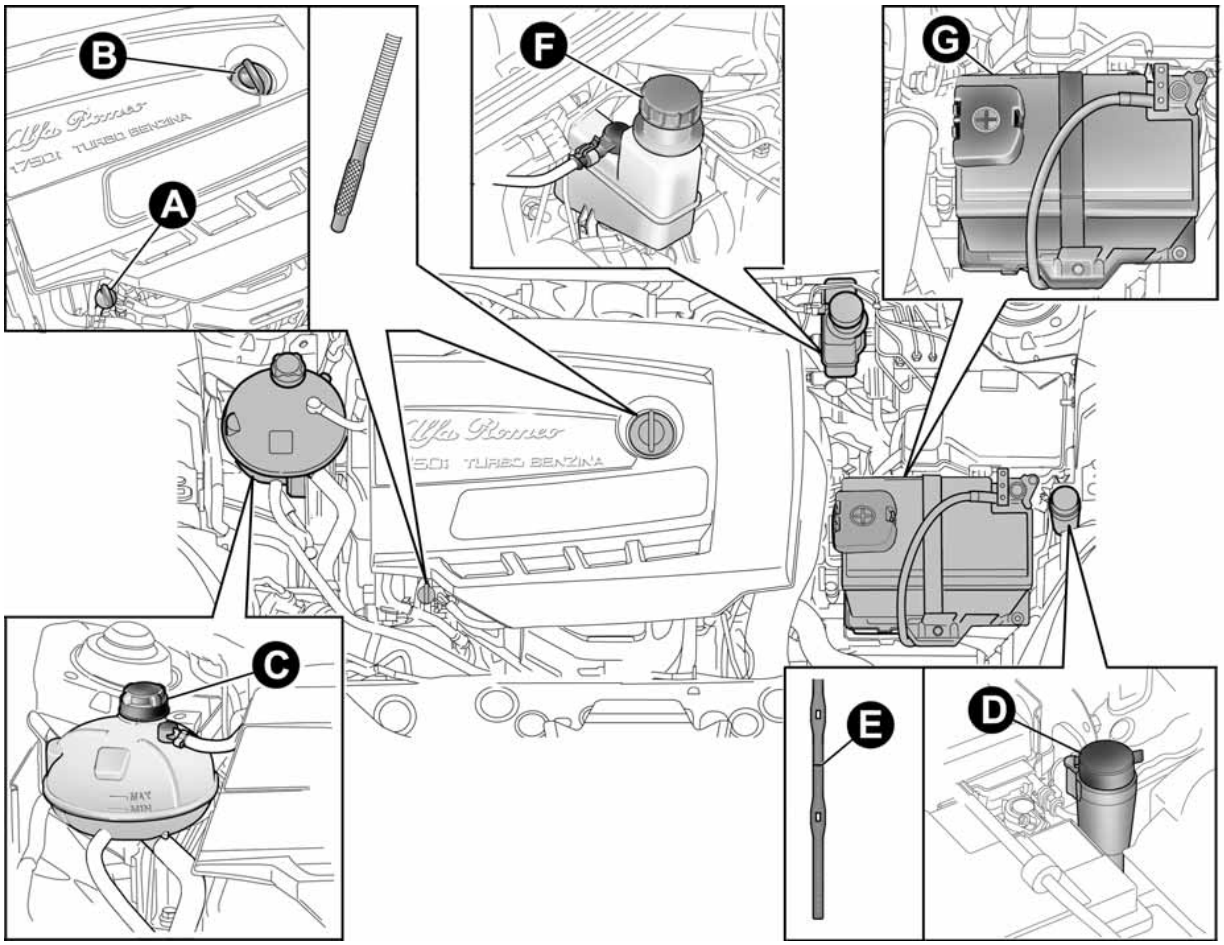

fig. 163 - 1750 Turbo Petrol versions

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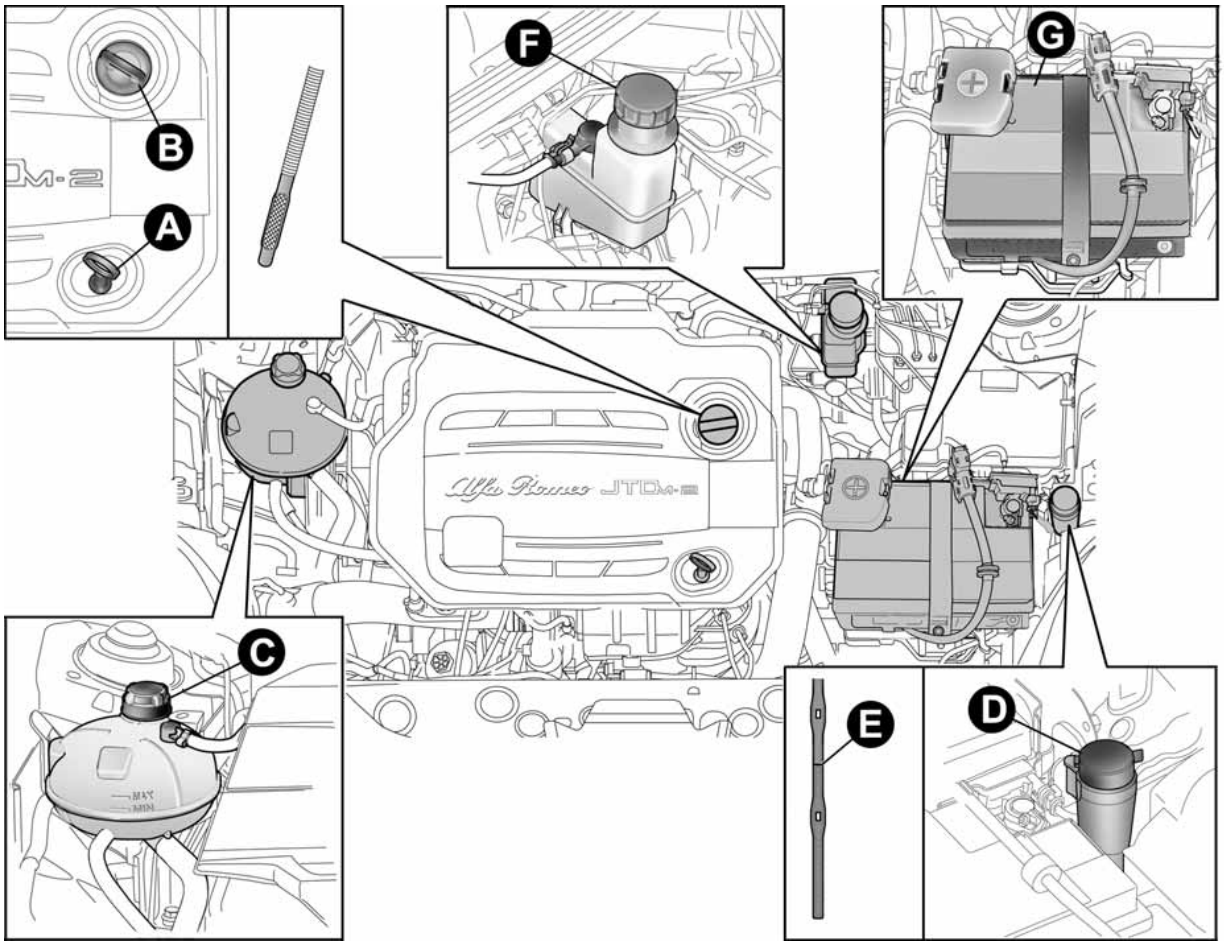

fig. 164 - 1.6 JTDM — 2.0 JTDM versions

A0K0338m

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ENGINE OIL

Check that the oil level is between the MIN and MAX references on the dipstick A-fig. 161-162-163-164.
If the oil level is near or under the MIN line, add oil through the filler A until it reaches the MAX line.

The oil level must never exceed the MAX line.

If the engine oil is being topped up, wait for the engine to cool down before loosening the filler plug, particularly for vehicles with aluminium plug (for versions/markets where provided). CAUTION: risk of burns!

Engine oil consumption

The maximum engine oil consumption is usually 400 grams every 1000 km. During the initial period of use the engine oil consumption conditions should be considered as having stabilised after the first 5000 - 6000 km.

Do not add oil with different characteristics to those of the existing engine oil.

Used engine oil and the replaced oil filter contain substances that are harmful to the environment. We recommend having the oil and oil filter replaced by Alfa Romeo Authorized Services.

ENGINE COOLANT

If the level is too low, undo reservoir cap C-fig. 161-162-163-164 and add the fluid described in "Technical Specifications" chapter.

PARAFLU^{UP} anti-freeze is used in the engine cooling system. Use the same fluid as in the cooling system when topping up. PARAFLU^{UP} may not be mixed with any other type of fluid. If this accidentally occurs, do not start the engine. Contact Alfa Romeo Authorized Services.

The engine cooling system is pressurised. If the cap needs replacing, do so with another original or the effectiveness of the system may be compromised. Do not remove the cap from the reservoir when the engine is hot: you may get burned

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WINDSCREEN/REAR WINDOW/ HEADLIGHT WASHING FLUID

If the level is too low undo reservoir cap D-fig. 161-162-163-164 and add the fluid described in the "Technical Specifications" chapter.

IMPORTANT The headlight washer system will not work when the liquid level is low although the windscreen/rear window washer will still work. For versions/markets where provided (see previous pages), a reference line E-fig. 161, 162, 163, 164 is provided: ONLY the windscreen/rear window washer will work under this line.

Do not travel if the windscreen washer reservoir is empty: using the windscreen washer is essential for improving visibility. Repeated operation of the system when it is empty could damage or rapidly deteriorate some of its parts

Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could cause a fire if they come into contact with these additives.

BRAKE FLUID

Check that the fluid is at the maximum level. If the level is too low undo reservoir cap F-fig. 161-162-163-164 and add the fluid described in the "Technical Specifications" chapter.

Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should this occur, immediately wash with water.

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts immediately with water and neutral soap, then rinse with plenty of water. In case of swallowing, immediately call a doctor.

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

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AIR FILTER/POLLEN FILTER/ DIESEL FILTER

Contact Alfa Romeo Authorized Services to replace these filters.

BATTERY

The electrolyte of the battery G-fig. 161-162-163-164 does not need to be topped up with distilled water. A periodic check carried out at Alfa Romeo Authorized Services is, however, necessary to check efficiency.

BATTERY REPLACEMENT

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

ADVICE FOR PROLONGING THE LIFE OF YOUR BATTERY

To avoid rapidly draining your battery and to prolong its life, observe the following indications:

- ❍ when you park the car, ensure the doors, tailgate and bonnet are closed properly in order to avoid the courtesy lights remaining on for longer than necessary;
- ❍ turn off the ceiling lights, although the car does have an automatic system for switching off internal lights;
- ❍ do not leave devices (e.g. car radio, hazard lights, etc.) switched on for a long time when the engine is not running;
- ❍ before performing any operation on the electrical system, disconnect the battery negative terminal.

IMPORTANT The steering system will need to be initialised after disconnecting the battery. A warning light ⛑ will come on to indicate this. Simply turn the steering wheel all the way to one end or simply drive on a straight line for a few hundred metres.

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IMPORTANT If the battery remains with the charge below 50% for a long time it becomes damaged through sulphation and its starting capacity is reduced.

The battery will also be more at risk of freezing (this can happen as early as –10°C). Refer to "Storing the car" in "Starting and driving" if the car is left parked for a long time.

If after having purchased your car you decide to add accessories requiring permanent electrical power (alarm etc.) or accessories that require large amounts of power, please consult Alfa Romeo Authorized Services. They can calculate the overall electrical requirement.

The battery fluid is poisonous and corrosive. Avoid contact with the skin and the eyes. Keep naked flames or possible sources of sparks away from the battery: risk of explosion or fire.

Using the battery when the fluid is too low damages it irreparably and can cause an explosion.

Incorrect assembly of electric and electronic devices may cause severe damage to your car. Go to an Alfa Romeo Authorised Service Provider if you want to install accessories after having purchased your car (alarms, mobile phone, etc.): they will be able to suggest the most suitable devices and advise you if a higher capacity battery needs to be installed.

Batteries contain substances that are very dangerous for the environment. Contact Alfa Romeo Authorized Services to replace the battery.

If the car must remain unused for a long time at very low temperatures, remove the battery and take it to a warm place, to avoid freezing.

When performing any operation on the battery or near it, always protect your eyes with special goggles.

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WHEELS AND TYRES

Before embarking on a long trip, and every two weeks, check the tyre inflation pressure (and space-saver wheel); check the pressure with the tyres cold.
It is normal for the pressure to increase when the car is used; for the correct tyre inflation pressure, see "Wheels" in the "Technical specifications" section.
Incorrect pressure causes abnormal tyre wear fig. 165:

A normal pressure: tread evenly worn.

B low pressure: tread particularly worn at the edges.

C high pressure: tread particularly worn in the centre.

The tyres must be replaced when the tread is less than 1.6 mm thick.

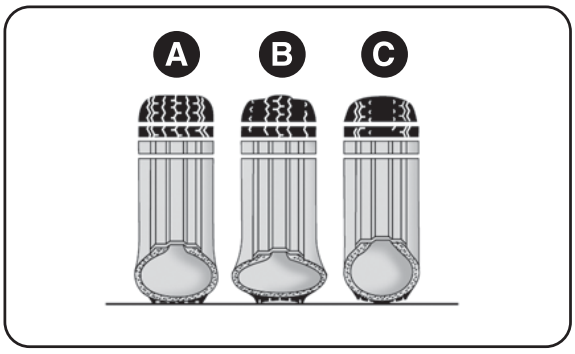

fig. 165 A0K0023m

IMPORTANT NOTES

Take the following precautions to prevent damage to the tyres:

- avoid braking suddenly, racing starts and violent impact against the curb, potholes or other obstacles and driving for extended periods on unsurfaced roads;
- check the tyres regularly for cuts on the sides, swelling or irregular tread wear;
- avoid travelling with the vehicle overloaded. If you puncture a tyre, stop immediately and replace it;
- have the tyres checked by specialised personnel if they have been fitted for longer than 6 years. Remember to check the space-saver wheel very carefully;
- change the position of the tyres every 10-15 thousand kilometres, keeping them on the same side of the vehicle to avoid inverting the direction of rotation.
- a tyre will age even if it is not used much. Cracks in the tread and on the sidewalls are a sign of ageing. In any event, have the tyres checked by specialised personnel if they have been fitted for longer than six years. Remember to check the space-saver wheel very carefully;
- when replacing the tyres, always fit new tyres, avoiding those of dubious origin;
- If a tyre is replaced, you should also change the inflation valve.

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Remember that the road holding qualities of your car also depend on the correct inflation pressure of the tyres.

If the pressure is too low, the tyre will overheat and could be seriously damaged.

Avoid switching the tyres from the right side of the vehicle to the left side and vice versa.

Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical characteristics of the wheels might be compromised.

WINDSCREEN/REAR WINDOW WIPERS

Driving with worn wiper blades is a serious hazard, because visibility is reduced in bad weather.

BLADES

We recommend replacing the blades once a year.

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

- make sure that the rubber part is not frozen to the windscreen in sub-zero temperatures. Use a de-icing product to release it if required;
- remove any snow from the window;
- do not activate the windscreen/rear window wiper on a dry window.

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Replacing the windscreen wiper blades

Proceed as follows:

- ❍ lift the windscreen wiper arm, press the tab A-fig. 166 of the fastening clip and extract the blade from the arm;
- ❍ fit the new blade, inserting the tab into the dedicated housing in the arm. Make sure that the new blade is secured in position.
- ❍ lower the windscreen wiper arm on the windscreen.

Do not operate the windscreen wiper with the blades lifted from the windscreen.

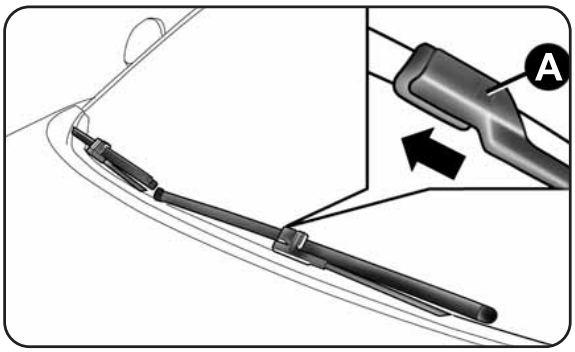

fig. 166 A0K0144m

Lifting the wiper blades

When the wiper blades have to be lifted from the windscreen (i.e. in the event of snow), proceed as follows:

- ❍ turn the ignition key to the MAR position;
- ❍ operate the lever to the right of the steering wheel to activate a windscreen wiper stroke (see paragraph "Window washing" in chapter "Getting to know your car");
- ❍ turn the ignition key to the STOP position when the driver's side wiper blade reaches the windscreen side pillar and lift the windscreen wiper to the rest position;
- ❍ bring the wiper blades back into contact with the windscreen before activating the windscreen wiper.

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Replacing the rear window wiper blade

Proceed as follows:

- ❍ lift cover A-fig. 167, undo nut B and remove arm C;
- ❍ correctly position the new arm, fully tighten nut B and then lower cover A.

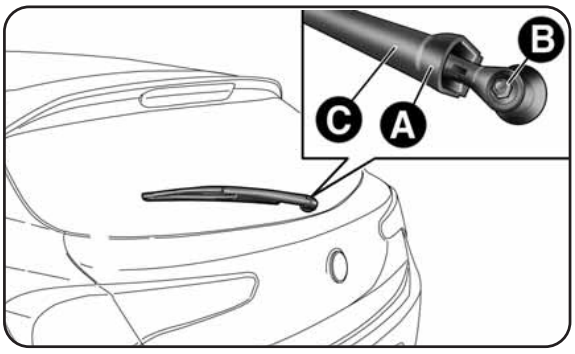

fig. 167 A0K0101m

SPRAY NOZZLES

Windscreen washer fig. 168

The window washer jets are fixed.
If the jet of fluid is inadequate, firstly check that there is fluid in the reservoir: see "Checking fluid levels" paragraph in this section). Then check that the nozzle holes are not clogged, if necessary using a needle.

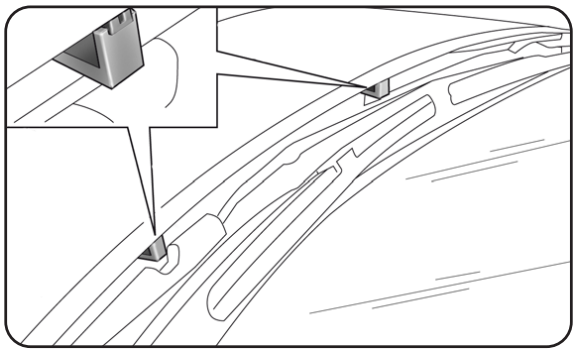

fig. 168 A0K0139m

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Rear window washer fig. 169

The nozzle holder is located above the rear window. The rear window washer jets are fixed.

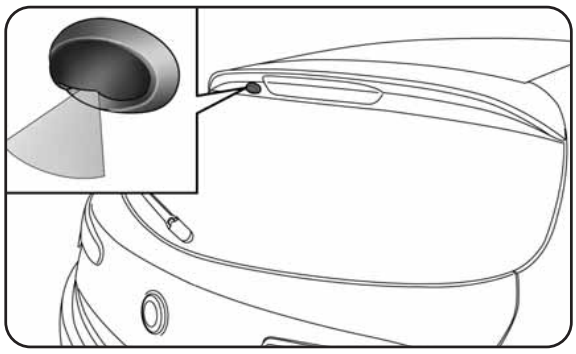

fig. 169 A0K0102m

HEADLAMP WASHERS fig. 170

(on request for versions/markets, where provided)

These are located within the front bumper. They are activated when the dipped beam and/or main beam headlights are on and the windscreen washer is activated.

Check the condition and cleanliness of nozzles at regular intervals.

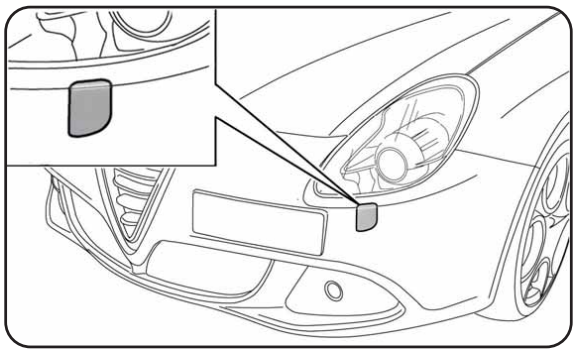

fig. 170 A0K0138m

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BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The car is equipped with the best available technological solutions to protect the bodywork against corrosion.

These are the most important:

- ❍ paint products and systems which give the car resistance to corrosion and abrasion;
- ❍ use of galvanised (or pre-treated) steel sheets with high resistance to corrosion;
- ❍ spraying protective plastic materials in the most exposed areas: underdoor, inner mudguard parts, edges, etc.;
- ❍ using "open" boxed sections to prevent condensation and pockets of moisture from causing rust inside.
- ❍ use of special films to protect against abrasion in exposed areas (e.g. rear wing, doors, etc.).

BODY AND UNDERBODY WARRANTY

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

PRESERVING THE BODYWORK

Paint

Touch up abrasions and scratches immediately to prevent the formation of rust.
Maintenance of paintwork consists of washing the car: the frequency depends on the conditions and environment where the car is used. For example, it is advisable to wash the car more often in areas with high environmental pollution or salted roads.

To correctly wash the car:

- ❍ remove the aerial from the roof when using a carwash;
- ❍ in washing stations keep the steam jet/high pressure washing nozzles at least 40 cm away from the bodywork to prevent damage. It should be remembered that a build up of water could cause damage, in the long term, to the car.
- ❍ wash the body using a low pressure jet of water;
- ❍ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing the sponge;
- ❍ rinse well with water and dry with a jet of air or chamois leather.

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When drying take care to dry the least visible parts where the water could collect most easily. Do not wash the car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.
Exterior plastic parts must be cleaned in the same way as the rest of the car.

Detergents cause water pollution. Only wash the car in areas equipped for the collection and purification of the fluids used in the actual washing process.

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

IMPORTANT
Avoid parking under trees; the resin dropped by trees makes the paintwork go opaque and increasing the possibility of corrosion.
Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

Windows

Use specific detergents and clean cloths to prevent scratching.

IMPORTANT Wipe the rear window gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Front headlights

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

IMPORTANT Never use aromatic substances (e.g. petrol) or ketenes (e.g. acetone) for cleaning the plastic lenses of the front headlights.

IMPORTANT When cleaning the car with a pressure washer, keep the water jet at least 2 cm away from the headlights.

Engine compartment

At the end of every winter, wash the engine compartment thoroughly, taking care not to aim the jet of water directly at the electronic control units or at the windscreen wiper motors. Have this operation performed at a specialised workshop.

IMPORTANT The washing should take place with the engine cold and the ignition key in the STOP position. After the wash, make sure that the various protective devices (e.g. rubber caps and guards) have not been removed or damaged.

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INTERIORS

Periodically check for water puddles under the mats that could cause the panels to rust.

SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner. It is advisable to use a moist brush on velvet upholstery. Wipe the seats with a sponge soaked in a solution of neutral detergent and water.

LEATHER SEATS

(on request for versions/markets, where provided)

Remove the dry dirt with a buckskin or slightly damp cloth, without exercising too much pressure.
Remove liquid or oil stains using a dry absorbent cloth, without rubbing. Then clean with a soft cloth or buckskin cloth dampened with water and neutral 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 PARTS AND COVERS

Clean interior plastic parts with a damp cloth (if possible made from microfibre), and a solution of water and neutral, non-abrasive detergent. To clean oily or persistent stains, use specific products free from solvents and designed to maintain the original appearance and colour of the components.
Remove any dust using a microfibre cloth, if necessary moistened with water. The use of paper tissues is not recommended as these may leave residues.

IMPORTANT Never use alcohol or petrol to clean the glass on the instrument panel or other plastic parts.

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LEATHER UPHOLSTERY

(for versions/markets, where provided)

Use only water and neutral soap to clean these parts. Never use alcohol or alcohol-based products.
Before using a specific product for cleaning interiors, make sure that it does not contain alcohol and/or alcohol based substances.

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

Do not keep aerosol cans in the vehicle: these could explode. 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.

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TECHNICAL SPECIFICATIONS

IDENTIFICATION DATA

The identification details of the car are:

- ❍ VIN plate
- ❍ Chassis marking;
- ❍ Bodywork paint identification plate.
- ❍ Engine marking

VIN PLATE fig. 171

It is applied to the front crossmember and shows the following data:

B Type-approval number
C Vehicle type identification code
D Chassis number
E Maximum authorised weight of vehicle fully laden
F Maximum permitted weight of vehicle fully laden plus trailer
G Maximum permitted weight on first (front) axle
H Maximum permitted weight on second (rear) axle
I Engine type.
L Bodywork version code.
M Number for spare parts.
N Correct smoke opacity index (for diesel engines).

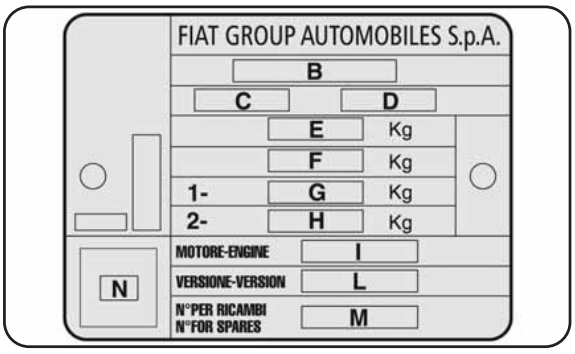

fig. 171 A0K0024m

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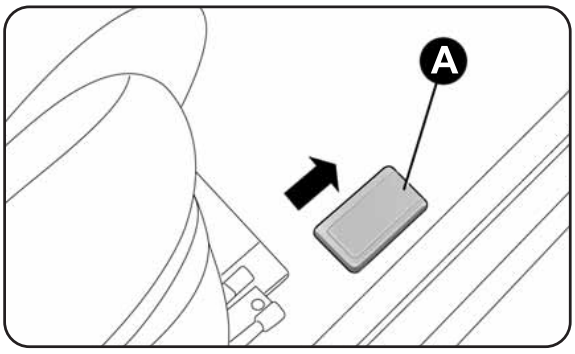
CHASSIS MARKING fig. 172

This is printed on the passenger compartment floor bed near the front right seat. Slide the hatch A forward to access.
The marking includes:

- vehicle type (ZAR 940000)
- chassis number



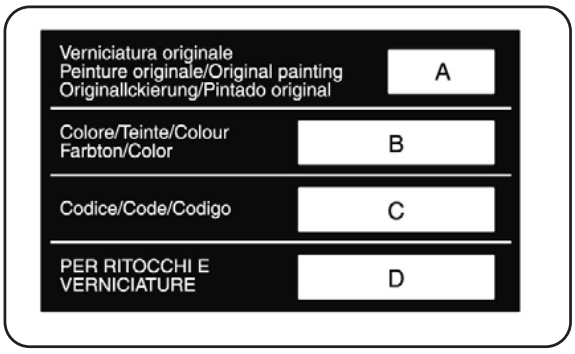
A0K0175m

fig. 172

BODYWORK PAINT IDENTIFICATION PLATE fig. 173

It is applied under the bonnet and shows the following data:

A Paint manufacturer.
B Colour name.
C Fiat colour code.
D Re-spray and touch-up colour code.



A0K0025m

fig. 173

ENGINE MARKING

This is printed onto the cylinder block and shows the type and production serial number.

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ENGINE CODES - BODYWORK VERSIONS

	Engine code	Bodywork versions
1.4 Turbo Petrol	198A4000	940FXA1A 00 940FXA1A 00B (**)
1.4 Turbo Petrol (*)	940A6000	940FXF1A 05 940FXF1A 05B (**)
1.4 Turbo Multi Air	940A2000	940FXB1A 01 940FXB1A 01B (**)
1.4 Turbo Multi Air (*)	955A8000	940FXG1A 06 940FXG1A 06B (**)
1750 Turbo Petrol	940A1000	940FXC1A 02
1.6 JTDM	940A3000	940FXD1A 03 940FXD1A 03B (**)
2.0 JTDM	940A4000	940FXE1A 04 940FXE1A 04B (**)
2.0 JTDM 136 HP (*)	940A8000	940FXM1A 09 940FXL1M 09B (**)
2.0 JTDM 140 HP (*)	940A5000	940FXL1A 08 940FXL1A 08B (**)
2.0 JTDM 163 HP (*)	940A7000	940FXH1A 07 940FXH1A 07B (**)

(*) For versions/markets, where provided

(**) Versions with oversized brake calipers

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ENGINE

GENERAL INFORMATION

		1.4 Turbo Petrol	1.4 Turbo Multi Air	1750 Turbo Petrol
Type code		198A4000 940A6000 (*)	940A2000 955A8000 (*)	940A1000
Cycle		Otto	Otto	Otto
Cylinder number and position		4 in line	4 in line	4 in line
Piston bore and stroke	mm	72.0 x 84.0	72.0 x 84.0	83.0 x 80.5
Total capacity	cm^3	1368	1368	1742
Compression ratio		9.8	9,8	9.8
Max. EEC power	kW	88 | 85 (*)	125 | 120 (*)	172.5
	HP	120 | 115 (*)	170 | 163 (*)	235
corresponding speed	rpm	5000 | 5000 (*)	5500 | 5500 (*)	5500
			NORMAL | DYNAMIC	NORMAL | DYNAMIC
Max. EEC torque	Nm	206	230 | 250	300 | 340
	kgm	21	23.4 | 25.4	30.5 | 34.6
corresponding speed	rpm	1750	2250 | 2500	4500 | 1900
Spark plugs		NGK IKR9F8	NGK IKR9F8	NGK ILKAR7D6G
Fuel		Unleaded petrol 95 RON (EN228 specifications)	Unleaded petrol 95 RON or 98 RON (EN228 specifications)	Unleaded petrol 95 RON or 98 RON (EN228 specifications)

(*) For versions/markets, where provided

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GENERAL INFORMATION		1.6 JTDM	2.0 JTDM	2.0 JTDM (*)	2.0 JTDM (*)
Type code		940A3000	940A4000	940A7000	940A8000 (**) 940A5000
Cycle		Diesel	Diesel	Diesel	Diesel
Cylinder number and position		4 in line	4 in line	4 in line	4 in line
Piston bore and stroke	mm	79.5 x 80.5	83 x 90.4	83 x 90.4	83 x 90.4
Total capacity	cm^3	1598	1956	1956	1956
Compression ratio		16.5	16.5	16.5	16.5
Max. EEC power corresponding speed	kW HP rpm	77 105 4000	125 170 4000	120 163 4000	100/103 136/140 3750
		NORMAL | DYNAMIC	NORMAL | DYNAMIC	NORMAL | DYNAMIC	NORMAL | DYNAMIC
Max. EEC torque corresponding speed	Nm kgm rpm	280 | 320 28.5 | 32.5 1500 | 1750	320 | 350 32.5 | 35.6 1500 | 1750	320 | 350 32.5 | 35.6 1500 | 1750	320 | 350 32.5 | 35.6 1500 | 1750
Spark plugs		–	–	–	–
Fuel		Automotive diesel fuel (EN590 specifications)	Automotive diesel fuel (EN590 specifications)	Automotive diesel fuel (EN590 specifications)	Automotive diesel fuel (EN590 specifications)

(*) For versions/markets, where provided

(**) 2.0 JTDM 136 HP version

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FUEL SUPPLY

	1.4 Turbo Multi Air	1.4 Turbo Petrol 1750 Turbo Petrol	1.6 JTDM - 2.0 JTDM
Fuel supply	Electronic sequential phased injection with knock control and variable intake valve actuation	Multipoint sequential phased electronic injection, electronically controlled with turbo and intercooler	Common Rail Multijet direct injection electronically controlled with turbo and intercooler

TRANSMISSION

	1.4 Turbo Petrol - 1.4 Turbo Multi Air - 1750 Turbo Petrol - 1.6 JTDM - 2.0 JTDM
Gearbox	Six forward gears plus reverse with synchronisers for forward gears
Clutch	Self-adjusting with no free travel
Drive	Front

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

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BRAKES

	1.4 Turbo Petrol - 1.4 Turbo Multi Air - 1750 Turbo Petrol - 1.6 JTDM - 2.0 JTDM
Service brakes:	
— front	Self-ventilated discs
— rear	Disc
Parking brake	Controlled by hand lever, acting on rear brakes

IMPORTANT Water, ice and salt sprinkled on the roads may deposit on the brake disks reducing braking efficiency the first time the brakes are applied.

SUSPENSIONS

	1.4 Turbo Petrol - 1.4 Turbo Multi Air - 1750 Turbo Petrol - 1.6 JTDM - 2.0 JTDM
Front	Mc Pherson independent wheel with anti-roll bar
Rear	Multi-link structure system

STEERING SYSTEM

		1.4 Turbo Petrol - 1.4 Turbo Multi Air - 1750 Turbo Petrol - 1.6 JTDM - 2.0 JTDM
Type		Rack and pinion with electro-mechanical power steering (Dual Pinion architecture)
Turning circle (kerb to kerb)	m	10.9

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WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Radial type tubeless tyres. All approved tyres are listed in the Log Book.

IMPORTANT In the event of discrepancies between the information provided in this "Owner's handbook" and the "Log book", consider the specifications shown in the log book only.

Comply with the prescribed size to ensure safety of the car in movement. Fit tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

SPACE SAVER SPARE WHEEL

Pressed steel rim Tubeless tyre.

HOW TO READ TYRE MARKINGS fig. 174

Example: 205/55 R 16 91 V

205 = Nominal width (S, distance in mm between sidewalls).
55 = Height/width ratio (H/S) as a percentage.
R = Radial tyre.
16 = Rim diameter in inches (Ø).
91 = Load index.
V = Maximum speed index.

Load index (capacity)

60 = 250kg	72 = 355kg	84 = 500kg	96 = 710kg
61 = 257kg	73 = 365kg	85 = 515kg	97 = 730kg
62 = 265kg	74 = 375kg	86 = 530kg	98 = 750kg
63 = 272kg	75 = 387kg	87 = 545kg	99 = 775kg
64 = 280kg	76 = 400kg	88 = 560kg	100 = 800kg
65 = 290kg	77 = 412kg	89 = 580kg	101 = 825kg
66 = 300kg	78 = 425kg	90 = 600kg	102 = 850kg
67 = 307kg	79 = 437kg	91 = 615kg	103 = 875kg
68 = 315kg	80 = 450kg	92 = 630kg	104 = 900kg
69 = 325kg	81 = 462kg	93 = 650kg	105 = 925kg
70 = 335kg	82 = 475kg	94 = 670kg	106 = 950kg
71 = 345kg	83 = 487kg	95 = 690kg	

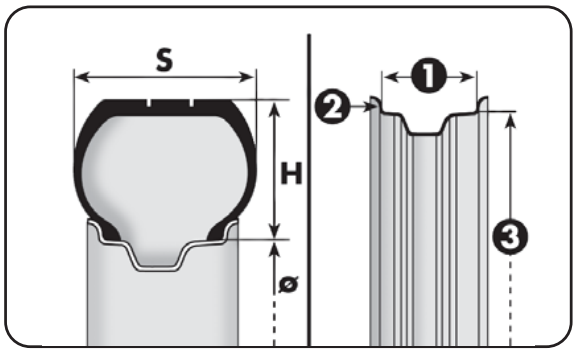

fig. 174 A0K0043m

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Maximum speed index

Q = up to 160 km/h.
R = up to 170 km/h.
S = up to 180 km/h.
T = up to 190 km/h.
U = up to 200 km/h.
H = up to 210 km/h.
V = up to 240 km/h.
W = up to 270 km/h.
Y = up to 300 km/h.

Maximum speed rating for snow tyres

QM + S = up to 160 km/h.
TM + S = up to 190 km/h.
HM + S = up to 210 km/h.

HOW TO READ RIM MARKINGS fig. 174

Example: 7J x 16 H2 ET 41

7 = rim diameter in inches (1).
J = rim drop centre outline (side projection where the tyre bead rests) (2).
16 = rim nominal diameter in inches (corresponds to diameter of the tyre to be mounted) (3 = Ø).
H2 = shape and number of humps (used for withholding tubeless tyre beads on the rim).
ET 41 = wheel camber angle (distance between the disc/rim supporting plane and the wheel rim centre line).

RIM PROTECTORS fig. 175

DO NOT fit wheel cups when using integral cups fixed (with springs) to the steel rim and tyres other than factory-fitted tyres provided with Rim Protector (fig. 175). Use of unsuitable tyres and wheel cups may cause sudden loss of tyre pressure.

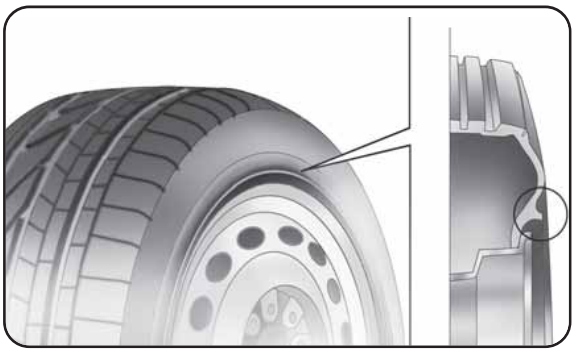

fig. 175 A0K0159m

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Versions	Wheels	Tyres		Space-saver spare wheel	
		Provided	Snow	Tyre	Rim
1.4 Turbo Petrol 1.6 JTDM	7Jx16 H2 ET 41 (*) 7Jx16 H2 ET 41 7½Jx17 H2 ET 41 7½Jx18 H2 ET 41	195/55 R16 91V REINFORCED (*) 205/55 R16 91V 225/45 R17 91W 225/40 R18 92W REINFORCED (**)	195/55 R16 91Q REINFORCED (*) 205/55 R16 91Q 225/45 R17 91Q 225/40 R18 92Q REINFORCED	T135/70 R16 100M T125/80 R17 99M	4B x 16 ET 22 4B x 17 ET 25
1.4 Turbo Petrol (❍) 1.6 JTDM (❍)	7½Jx17 H2 ET 41 7½Jx18 H2 ET 41	225/45 R17 91W 225/40 R18 92W REINFORCED (**)	225/45 R17 91Q 225/40 R18 92Q REINFORCED	T125/80 R17 99M	4B x 17 ET 25
1.4 Turbo Multi Air 2.0 JTDM	7Jx16 H2 ET 41 (*) 7Jx16 H2 ET 41 7½Jx17 H2 ET 41 7½Jx18 H2 ET 41	195/55 R16 91V REINFORCED (*) 205/55 R16 91V 225/45 R17 91W 225/40 R18 92W REINFORCED (**)	195/55 R16 91Q REINFORCED (*) 205/55 R16 91Q 225/45 R17 91Q 225/40 R18 92Q REINFORCED	T135/70 R16 100M T125/80 R17 99M	4B x 16 ET 22 4B x 17 ET 25
1.4 Turbo Multi Air (❍) 2.0 JTDM (❍)	7½Jx17 H2 ET 41 7½Jx18 H2 ET 41	225/45 R17 91W 225/40 R18 92W REINFORCED (**)	225/45 R17 91Q 225/40 R18 92Q REINFORCED	T125/80 R17 99M	4B x 17 ET 25
1750 Turbo Petrol	7½Jx17 H2 ET 41 7½Jx18 H2 ET 41	225/45 R17 91W 225/40 R18 92W REINFORCED (**)	225/45 R17 91Q 225/40 R18 92Q REINFORCED	T125/80 R17 99M	4B x 17 ET 25

Snow chain use

All versions: for 195/55 R16", 205/55 R16" and 225/45 R17" size tyres use low-clearance snow chains with a maximum protrusion beyond the tyre profile of 9 mm.

(*) For versions/markets, where provided

(**) Tyres not suitable for fitting snow chains.

(❍) Versions with oversized brake calipers

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COLD TYRE PRESSURES (bar)

Versions	Size	STANDARD TYRES			
		Medium load		Full load	
		Front	Rear	Front	Rear
1.4 Turbo Petrol 1.6 JTDM	195/55 R16 91V REINFORCED 205/55 R16 91V 225/45 R17 91W 225/40 R18 92W REINFORCED	2.6 2.3 2.3 2.6	2.2 2.1 2.1 2.2	3.0 2.7 2.7 3.0	2.6 2.3 2.3 2.6
1.4 Turbo Multi Air 2.0 JTDM	195/55 R16 91V REINFORCED 205/55 R16 91V 225/45 R17 91W 225/40 R18 92W REINFORCED	2.6 2.3 2.3 2.6	2.2 2.1 2.1 2.2	3.0 2.7 2.7 3.0	2.6 2.3 2.3 2.6
1750 Turbo Petrol	225/45 R17 91W 225/40 R18 92W REINFORCED	2.3 2.6	2.1 2.2	2.7 3.0	2.3 2.6
Space-saver spare wheel	T135/70 R16 100M T125/80 R17 99M	4.2			

Add +0.3 bar to the prescribed pressure when the tyres are warm. Check correct pressure on a cold tyre.
With snow tyres, add +0.2 bar to the pressure prescribed for standard tyres.
When running at speeds higher than 160 km/h, inflate tyres at full-load pressures.

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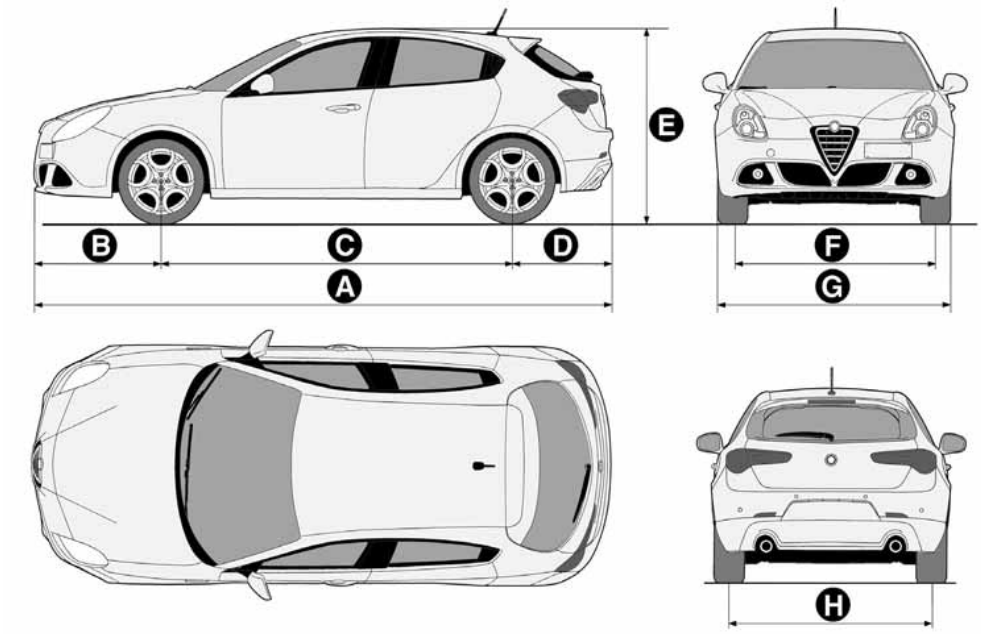
DIMENSIONS

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



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BOOT VOLUME

Unladen capacity (V.D.A. standards): 350 dm^3

A	B	C	D	E	F	G	H
4351	955	2634	762	1465	1554	1798	1554

Small variations in size are possible depending on the dimensions of the rims.

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PERFORMANCE

Versions	Top speed (km/h)	Acceleration 0-100 km/h (s)
1.4 Turbo Petrol	195	9.4
1.4 Turbo Petrol (*)	192	9.4
1.4 Turbo Multi Air	218	7.8
1.4 Turbo Multi Air (*)	215	7.8
1750 Turbo Petrol	242	6.8
1.6 JTDM	185	11.3
2.0 JTDM	218	8.0
2.0 JTDM 136 HP (*)	205	—
2.0 JTDM 140 HP (*)	205	9.0
2.0 JTDM 163 HP (*)	215	8.0

(*) For versions/markets, where provided

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WEIGHTS

Weights (kg)	1.4 Turbo Petrol	1.4 Turbo Multi Air	1750 Turbo Petrol
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	1280	1290	1320
Payload (*) including the driver:	505	505	505
Maximum permitted loads (**) – front axle : – rear axle: – total:	 1100 850 1785	 1100 850 1795	 1100 850 1825
Towable loads – braked trailer: – non-braked trailer:	 1300 500	 1300 500	 1300 500
Maximum load on roof:	50	50	50
Maximum load on the ball joint (braked trailer):	60	60	60

(*) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease in relation to the maximum permitted loads.

(**) Loads that must not be exceeded. The driver is responsible for arranging goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

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Weights (kg)	1.6 JTDM	2.0 JTDM
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	1310	1320
Payload (*) including the driver:	505	505
Maximum permitted loads (**) — front axle: — rear axle: — total:	 1100 850 1815	 1100 850 1825
Towable loads — braked trailer: — non-braked trailer:	 1300 500	 1300 500
Maximum load on roof:	50	50
Maximum load on the ball joint (braked trailer):	60	60

(*) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease in relation to the maximum permitted loads.

(**) Loads that must not be exceeded. The driver is responsible for arranging goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

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CAPACITIES

	1.4 Turbo Petrol		1.4 Turbo Multi Air		1750 Turbo Petrol		Prescribed fuel and genuine lubricants
	litres	kg	litres	kg	litres	kg	
Fuel tank: including a reserve of:	60 8 - 10	– –	60 8 - 10	– –	60 8 - 10	– –	Unleaded petrol not less than 95 R.O.N (EN228 specifications)
Engine cooling system – with climate control:	5.7	5.0	5.7	5.0	6.4	5.7	Mixture of demineralised water and PARAFLU^{UP} in 50-50 proportion (▲)
Engine sump: Engine sump and filter:	2.75 3.1	2.3 2.6	3.1 3.5	2.6 2.9	5.0 5.1	4.25 4.35	SELENIA StAR P.E.
Gearbox/differential casing:	1.87	1.6	1.87	1.6	1.87	1.6	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit with ABS:	0.83	0.78	0.83	0.78	0.83	0.78	TUTELA TOP 4
Windscreen/ rear window/ headlight liquid reservoir (*):	2.8 (4.6)	2.5 (4.1)	2.8 (4.6)	2.5 (4.1)	2.8 (4.6)	2.5 (4.1)	Water and liquid mixture TUTELA PROFESSIONAL SC 35

(▲) When the car is used under particularly harsh climate conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% of demineralised water.

(*) The figures in brackets refer to versions with headlight washers.

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	1.6 JTDM		2.0 JTDM		Prescribed fuel and genuine lubricants
	litres	kg	litres	kg	
Fuel tank: including a reserve of:	60 8 - 10	– –	60 8 - 10	– –	Automotive diesel (EN590 specifications)
Engine cooling system - with climate control:	6.8	6.0	6.7	5.9	Mixture of demineralised water and PARAFLU^{UP} in 50-50 proportion (▲)
Engine sump: Engine sump and filter:	4.0 4.2	3.4 3.5	4.0 4.2	3.4 3.5	SELENIA WR P.E.
Gearbox/differential casing:	1.87	1.6	1.87	1.6	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit with ABS:	0.83	0.78	0.83	0.78	TUTELA TOP 4
Windscreen/rear window/ headlight liquid reservoir (*):	2.8 (4.6)	2.5 (4.1)	2.8 (4.6)	2.5 (4.1)	Water and liquid mixture TUTELA PROFESSIONAL SC 35

(▲) When the car is used under particularly harsh climate conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% of demineralised water.

(*) The figures in brackets refer to versions with headlight washers.

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FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND SPECIFICATIONS

Use	Fluid and lubricant features for correct use of the car	Genuine fluids and lubricants	Frequency of replacement
Petrol engine lubricants	SAE 5W-40 ACEA C3 grade totally synthetic lubricant FIAT 9.55535-S2 certification.	SELENIA StAR P.E. Contractual Technical Reference N. F603.D08	As per the Scheduled Servicing Plan
Diesel engine lubricants	SAE 5W-30 grade totally synthetic lubricant FIAT 9.55535-S1 certification.	SELENIA WR P.E. Contractual Technical Reference N. F510.D07	As per the Scheduled Servicing Plan

For diesel engines, in the event of an emergency in which the original products are not available, lubricants with at least ACEA C2 performance are acceptable; however, in this case optimum engine performance is not guaranteed and the lubricants should be replaced with recommended products as soon as possible at Alfa Romeo Authorized Services.

The use of products with features lower than ACEA A3 (petrol engines) and ACEA C2 (diesel engines) could cause engine damage not covered by warranty.

For petrol engines with Multi Air system, use of lubricants with features lower than ACEA C3 and SAE grade other than 5W-40 could cause engine damage which is not covered by warranty.

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Use	Fluid and lubricant specifications for correct use of the car	Genuine fluids and lubricants	Applications
Lubricants for motion transmission	SAE 75W grade synthetic lubricant. FIAT 9.55550-MZ6 qualification	TUTELA TRANSMISSION GEARFORCE Contractual Technical Reference N. F002.F10	Gearboxes and differentials (mechanical)
	Grease for constant-velocity joints with low friction coefficient. NL.GI. 0-1 consistency FIAT 9.55580 qualification	TUTELA STAR 700 Contractual Technical Reference N. F701.C07	Differential side constant-velocity joints
	Molybdenum disulphide grease for high temperatures. NL.GI. 1-2 consistency FIAT 9.55580 qualification	TUTELA ALL STAR Contractual Technical Reference N. F702.G07	CV joints wheel side
Brake fluid	Synthetic fluid for braking and clutch systems Exceeds specifications: FMVSS n. 116 DOT 4, ISO 4925, SAE J 1704. Qualification FIAT 9.55597	TUTELA TOP 4 Contractual Technical Reference N. F001.A93	Hydraulic brakes and hydraulically operated clutch
Protective agent for radiators	Red protective with antifreeze action, based on inhibited monoethylene glycol with organic formula. Exceeding CUNA NC 956-16, ASTM D 3306 specifications.	PARAFLU^{UP} (●) Contractual Technical Reference N. F101.M01	Cooling circuits proportions of use: 50% water 50% PARAFLU^{UP} (❑)
Additive for diesel fuel	Additive for diesel with antifreeze and protective action for diesel engines.	TUTELA DIESEL ART Contractual Technical Reference N. F601.L06	To be mixed with fuel oil (25 cc per 10 litres)
Windscreen/ rear window/ headlamp washer fluid level	Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications. FIAT 9.55522 qualification	TUTELA PROFESSIONAL SC 35 Contractual Technical Reference N. F201.D02	To be used diluted or undiluted in wind-screen/ rear window washer/wiper systems

(●) IMPORTANT Do not use fluids with different specifications for topping up or mixing.

(❑) When the vehicle is used in particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU^{UP} and distilled water.

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FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the homologation tests laid down by specific European Directives.
The procedures below are followed for measuring consumption:

- urban cycle: cold starting followed by driving that simulates urban use of the car;
- extra urban cycle: driving simulating the use of the vehicle in a non-urban situation with frequent acceleration in all gears; the speed varies between 0 and 120 km/h;
- combined consumption: about 37% of the urban cycle and around 63% of the non-urban cycle.

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)

	1.4 Turbo Petrol	1.4 Turbo Multi Air	1750 Turbo Petrol	1.6 JTDM	2.0 JTDM 136 HP	2.0 JTDM 163 HP/170 HP	2.0 JTDM 140 HP
Urban cycle	8.4	7.8	10.8	5.5	5.6	5.8	5.6
Extra urban cycle	5.3	4.6	5.8	3.7	3.9	4.1	3.9
Combined consumption	6.4	5.8	7.6	4.4	4.5	4.7	4.5

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CO_2 EMISSIONS

The CO_2 emission levels at the exhaust given in the following table refer to combined consumption.

CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVES (g/km)

1.4 Turbo Petrol	1.4 Turbo Multi Air	1750 Turbo Petrol	1.6 JTDM	2.0 JTDM 136 HP	2.0 JTDM 163 HP/170 HP	2.0 JTDM 140 HP
149	134	177	114	119	124	119

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INTRODUCTION

The radio has been designed according to the passenger compartment's specific characteristics and with a personalised design that is incorporated perfectly with the style of the dashboard.

The instructions for use are given below. We recommend that you read them carefully.

TIPS

Road safety

Familiarise yourself with the various car radio functions (e.g. storing radio stations), before starting to drive.

If the volume is too loud this could be dangerous for the driver and for passengers when driving in traffic. Always adjust the volume so that you can still hear background noises.

Reception conditions

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, or when you are far away from the broadcaster.

IMPORTANT The volume may be increased when receiving traffic bulletins.

Care and maintenance

Only clean the cover with a soft, anti-static cloth. Cleaning and polishing products could damage the surface.

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CD

Dirt, scratches or any distortions on CDs could cause problems and poor sound quality during playback. Follow these tips for optimum playback conditions:

- ❍ only use CDs with the following brand;

- ❍ clean every CD to remove any fingerprints or dust using a soft cloth. Hold CDs by the circumference and clean them from the middle outwards;
- ❍ never use chemicals (e.g. anti-static products or thinners or sprays) for cleaning as they could damage the surface of the CDs;
- ❍ after listening, place CDs back in their cases to avoid damaging them;
- ❍ do not expose CDs to direct sunlight, high temperatures or damp for long periods;
- ❍ do not stick labels on the surface of the CD and do not write on the recorded surface using pens or pencils;
- ❍ do not use CDs that are clearly scratched, flawed, distorted, etc. Using discs like this will result in malfunctions or damage to the player;
- ❍ to achieve the best quality audio reproduction we recommend the use of original CD media. If CD-R/RWs that have not been correctly recorded and/or with a maximum capacity above 650 MB are used, correct operation is not guaranteed;
- ❍ do not use the protective sleeves sold for CDs or discs with stabilizers, etc. because they may get stuck in the internal mechanism and damage the disc;
- ❍ if copy-protected CDs are used, it may take a few seconds before the system starts playing them. The CD player is not guaranteed to play all copy-protected discs. The fact that the CD is protected from being copied is often shown in very small letters on the CD cover itself where it may, for example, say "COPY CONTROL", "COPY PROTECTED", "THIS CD CANNOT BE PLAYED ON A PC/MAC", or it may be identified through the use of symbols, such as, for example:

- ❍ The CD player is capable of reading most compression systems currently in use (e.g.: LAME, BLADE, XING, FRAUNHOFER) but, following the development of these systems, the reading of all compression formats is not guaranteed.

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TECHNICAL SPECIFICATIONS

Maximum power: 4x30W

BASIC SYSTEM LEVEL

❍ **Standard level audio**

Front speakers

– 2 tweeters (38 mm Ø);

– 2 mid-woofer speakers (165 mm Ø).

Rear speakers

– 2 full-range speakers (165 mm Ø).

❍ **Mid-range radio**
(dual tuner)

MID-RANGE SYSTEM

❍ **Mid-range audio**

Front speakers

– 2 tweeters (38 mm Ø);

– 2 mid-woofer speakers (165 mm Ø).

Rear speakers

– 2 tweeters (38 mm Ø);

– 2 mid-woofer speakers (165 mm Ø).

❍ **High-end radio**
(dual tuner and double aerial)

BOSE HI-FI SYSTEM LEVEL (for versions/markets, where provided)

❍ **HI-FI level audio**

Front speakers

– 2 tweeters (38 mm Ø);

– 2 mid-woofer speakers (165 mm Ø).

– 1 mid-tweeter (Centerfill) speaker fitted in the dashboard.

Rear speakers

– 2 tweeters (38 mm Ø);

– 2 mid-woofer speakers (165 mm Ø),

– 1 amplifier (8 channels);

– 1 bass box.

❍ **High-end radio**
(dual tuner and double aerial)

The BOSE HI-FI audio system has been carefully designed to provide the best acoustic performance and reproduce sound like a live concert in all areas of the passenger compartment.

The system faithfully reproduces crystalline high tones and provides full and rich bass tones that make the loudness function superfluous. The complete range of sound is reproduced throughout the entire passenger compartment so that the occupants are enveloped with the feeling of space experienced when listening to live music.

The components used have been patented and make use of the most sophisticated technology whilst at the same time being easy to use by even the most inexperienced people.

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QUICK REFERENCE GUIDE

fig. 1

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BUTTON (fig. 1)	GENERAL FUNCTIONS	MODE
⏻	Switching on	Short button press
	Switching off	Short button press
A (fig. 1)	Volume adjustment	Left/right rotation of left knob
FMAS	Selection of radio source FM1, FM2, FM Autostore	Short cyclical button press
AM	Selection of radio source MW	Short cyclical button press
MEDIA	Selection of CD/Media Player source (only with Blue&Me™)/ AUX (only with Blue&Me™) (for versions/markets, where provided)	Short cyclical button press
MUTE	Volume on/off (MUTE/PAUSE)	Short button press
♫	Audio adjustments: low tones (BASS), high tones (TREBLE), left/right balance (BALANCE), front/rear balance (FADER)	Menu activation: short button press Selection of type of adjustment: pressing buttons △ or ▽ Adjustment of values: pressing buttons ◁ or ▷
MENU	Advanced functions adjustment	Menu activation: short button press Selection of type of adjustment: pressing buttons △ or ▽ Adjustment of values: pressing buttons ◁ or ▷

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BUTTON (fig. 1)	RADIO FUNCTIONS	MODE
△ ◁ ▷ ▽	Radio station search: • Automatic search • Manual search	Automatic search: press buttons ◁ or ▷ (hold down for fast forward) Manual search: press buttons △ or ▽ (hold down for fast forward)
1 2 3 4 5 6	Storing current radio station	Hold down the respective buttons for preset memories 1 to 6
	Stored station recall	Briefly press the respective buttons for preset memories 1 to 6

BUTTON (fig. 1)	CD FUNCTIONS	MODE
▲	Eject CD	Short button press
◁ ▷	Play previous/next track	Short press buttons ◁ or ▷
	CD track fast forward/rewind	Hold down buttons ◁ or ▷
△ ▽	Play previous/next folder (for CD-MP3)	Short press buttons △ or ▽

BUTTON (fig. 1)	Media Player FUNCTIONS (only with Blue&Me™)	MODE
△ ▽	Selecting previous/next folder/artist/genre/album depending on selected selection mode	Short button press
◁ ▷	Play previous/next track	Short button press

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STEERING WHEEL CONTROLS (for versions/markets, where provided) fig. 2

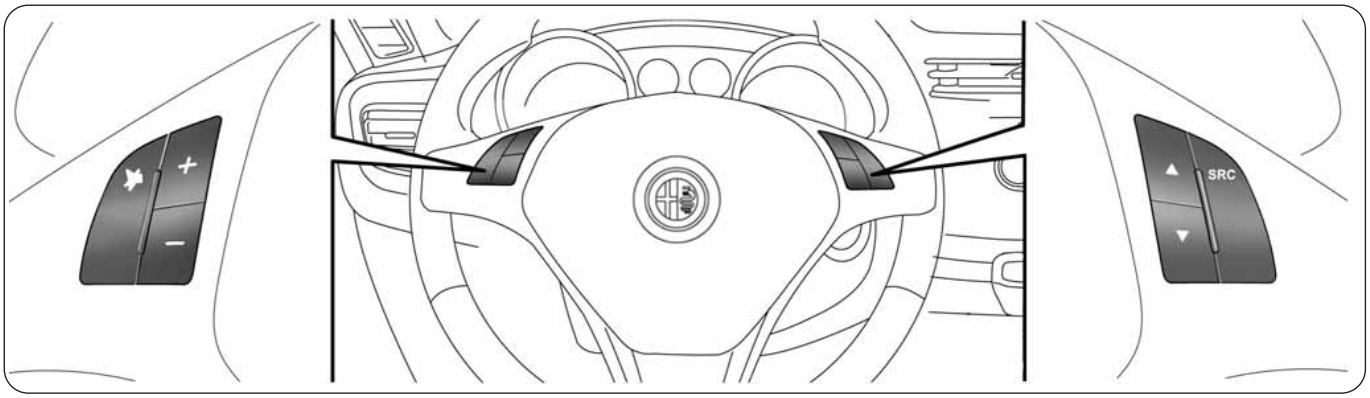

fig. 2

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BUTTON (fig. 2)	FUNCTION	MODE
🔇	AudioMute on/off (Radio mode) or Pause function: MP3 or Media Player mode (only with Blue&Me™)	Short button press
+	Volume up	Button press
–	Volume down	Button press
SRC	Selection of Radio frequency range (FM1, FM2, FMT, FMA, MW) or listening sources: Radio, MP3 or Media Player (only with Blue&Me™)/ AUX (only with Blue&Me™) (for versions/markets, where provided)	Button press
▲	Radio: recall programmed stations (from 1 to 6) CD/CD MP3: selection of next track	Button press
▼	Radio: recall programmed stations (from 1 to 6) CD/CD MP3: selection of previous track	Button press

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GENERAL INFORMATION

The radio has the following functions:

Tuner section

- PLL tuning with FM/AM/MW frequency bands;
- RDS (Radio Data System) with TA (Traffic Information) - TP (Traffic Programs) - EON (Enhanced Other Network) - REG (Regional Programs) functions;
- AF: alternative frequency search selection in RDS mode;
- emergency alarm setup;
- automatic/manual station tuning;
- FM Multipath detector;
- manual storing of 30 stations: 18 on FM band (6 on FM1, 6 on FM2, 6 on FMT), 12 on MW band (6 on MW1, 6 on MW2);
- automatic storage (AUTOSTORE function) of 6 stations on the dedicated FM band;
- SPEED VOLUME function (excluding versions with Bose HI-FI system): speed-dependent automatic volume adjustment;
- automatic Stereo/Mono selection.

CD section

- Direct selection of the disc;
- Select track (forward/backward);
- Track fast advance (forward/backward);
- CD Display function: display of disc name/time elapsed since the start of the track;
- Audio CD, CD-R and CD-RW playback.

Multimedia CDs include data tracks in addition to the audio tracks. Playing this type of CD could cause hissing at a volume that could jeopardise road safety as well as damage the output stages and the speakers.

MP3 CD section

- MP3-Info function (ID3-TAG);
- Select folder (previous/next);
- Select track (forward/backward);
- Track fast advance (forward/backward);
- MP3 Display function: display of name of folder, ID3-TAG information, time elapsed since the start of the track, file name);
- Audio or data CD, CD-R and CD-RW playback.

Audio section

- Mute/Pause function;
- Soft Mute function;
- Loudness function (excluding versions with Bose HI-FI system);
- 7 band graphic equalizer (excluding versions with Bose HI-FI system);
- Separate adjustment of treble/bass tones;
- Right/left channel balance.

Media Player section (only with Blue&Me™)

See the description in the Blue&Me™ Supplement for the operation of the Media Player.

AUX section (only with Blue&Me™)

(for versions/markets, where provided)

- AUX source selection;
- AUX Offset function: alignment of the portable device volume to the one of the other sources;
- Portable player reading.

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FUNCTIONS AND ADJUSTMENTS

SWITCHING ON THE SOUND SYSTEM

The car radio is switched on by briefly pressing button ⏻.

When the car radio is turned on, the volume is limited to value 20 if it was set to a higher value when previously used or to value 5 if it was previously set to value 0 or to Mute/Pause. The previously set value is maintained in all other cases.

When the radio is turned on with the key extracted from the ignition, it switches off automatically after about 20 minutes. After it turns off automatically, it can be switched on again for an additional 20 minutes by pressing button ⏻.

SWITCHING OFF THE SOUND SYSTEM

Briefly press the button ⏻.

SELECTING THE RADIO FUNCTIONS

By pressing the FMAS button quickly and repeatedly, the following audio sources can be selected cyclically:

❍ TUNER (“FM1”, “FM2”, “FMA”);

By pressing the AM button quickly and repeatedly, the following audio sources can be selected cyclically:

❍ TUNER (“MW1”, “MW2”).

SELECTING CD FUNCTION

Press the MEDIA button briefly to select the CD function.

AUDIO SOURCE MEMORY FUNCTION

If another function (e.g. the radio) is selected whilst listening to a CD, playing is interrupted and is resumed from the same point when returning to the CD source.

If another function is selected whilst listening to the radio, the last station selected is tuned into when returning to the Radio source.

VOLUME ADJUSTMENT

To adjust the volume, turn the left knob **A** (fig. 1).

If the volume level is changed during the transmission of traffic news, the new setting will only be maintained until the update is finished.

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MUTE/PAUSE FUNCTION (zeroing the volume)

Press the MUTE button briefly to activate the Mute function. The volume will gradually decrease and the words "RADIO Mute" will appear on the display (in radio mode) or "PAUSE" (in CD mode).

Press the MUTE button again to deactivate the Mute function. The volume will gradually increase until it reaches the level set previously.

When the volume is changed using the dedicated controls, the Mute function is deactivated and the volume is adjusted to the new level selected.

With the Mute function activated, it will be ignored when there is an incoming traffic alert (if the TA function is activated), or if an emergency alarm is received. The function will be reactivated when the alert is over.

AUDIO ADJUSTMENTS

The functions in the audio menu differ according to the activated source: AM/FM/CD/Media Player (only with Blue&Me™)/AUX (only with Blue&Me™) (for versions/markets, where provided).

Press the ♫ button briefly to change the Audio functions. After the ♫ button is first pressed, the display will show the bass level value for the source activated at that time (e.g. in FM mode the display will show "FM Bass + 2").

To scroll through the Menu functions use buttons △ or ▽. To change the setting of the selected function, use buttons ◁ or ▷.

The current status of the function selected will be shown on the display.

The functions managed by the Menu are:

- ❍ BASS (bass adjustment);
- ❍ TREBLE (treble adjustment);
- ❍ BALANCE (right/left balance adjustment);
- ❍ FADER (front/rear balance adjustment);
- ❍ LOUDNESS (excluding versions with Bose HI-FI system) (activation/deactivation of LOUDNESS function);
- ❍ EQUALIZER (excluding versions with Bose HI-FI system) (activation and selection of equalizer factory settings);
- ❍ USER EQUALISER (excluding versions with Bose HI-FI Bose) (personalised equalizer settings).

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TONE ADJUSTMENT (bass/treble)

Proceed as follows:

- Use buttons △ or ▽ to set the "Bass" or "Treble" in the AUDIO menu;
- press buttons ◁ or ▷ to increase/decrease the bass or treble settings.

By pressing the buttons briefly, the levels will change progressively. By pressing them for longer, the levels will change quickly.

BALANCE ADJUSTMENT

Proceed as follows:

- Use buttons △ or ▽ to set the "Balance" in the AUDIO menu;
- press button ◁ to increase the sound from the right speakers or ▷ to increase the sound from the left speakers.

By pressing the buttons briefly, the levels will change progressively. By pressing them for longer, the levels will change quickly.

Select the "◁ 0 ▷" value to set the right and left audio outputs at the same value.

FADER ADJUSTMENT

Proceed as follows:

- Use buttons △ or ▽ to set the "Fader balance" in the AUDIO menu;
- press button ◁ to increase the sound coming from the rear speakers or ▷ to increase the sound coming from the front speakers.

By pressing the buttons briefly, the levels will change progressively. By pressing them for longer, the levels will change quickly.

Select the "◁ 0 ▷" value to set the front and rear audio outputs at the same value.

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LOUDNESS FUNCTION (excluding versions with Bose HI-FI system)

The Loudness function improves the volume of the sound whilst listening at low volumes, increasing the bass and treble.

To activate/deactivate the function, select the Loudness setting on the AUDIO menu using the ◁ or ▷ buttons. The function status (on or off) is shown on the display for a few seconds by the words Loudness On or Loudness Off.

EQ function (activation/deactivation of equalizer) (excluding versions with Bose HI-FI system)

The built-in equalizer can be activated/deactivated. When the equalizer function is off, the audio settings can only be changed by adjusting the bass and treble settings, whereas when the function is on, the acoustic curves can be adjusted. To deactivate the equalizer, select the "EQ OFF" function using buttons ◁ or ▷.

To activate the equalizer, select one of the following adjustments using buttons ◁ or ▷:

- "FM/AM/CD...EQ User" (adjustment of the 7 equalizer bands that can be changed by the user);
- "Classic" (predefined equalizer setting for optimum playback of classical music);
- "Rock" (predefined equalizer setting for optimum playback of rock and pop music);
- "Jazz" (predefined equalizer setting for optimum playback of jazz music).

When one of the equalizer adjustments is activated the letters "EQ" light up.

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*USER EQ SETTINGS function (equalizer settings only if the USER settings function has been selected) (excluding versions with Bose HI-FI system)

To set a customised equalizer adjustment, set either the △ or ▽ button to USER and press the MENU button.

A graph with 7 bars will appear on the display, where each bar represents a frequency. Select the bar to adjust using the ◁ or ▷; buttons; the bar selected will start to flash and can be adjusted using the △ or ▽ buttons.

Press the ♫ button again to store the setting. The display will show the source activated at the time followed by the word USER. If the mode is, for example, FM, then the display will show "FM EQ User".

MENU

MENU button functions

Press the MENU button briefly to activate the Menu function. The display will show the first menu item that can be adjusted (AF) ("AF Switching On" on the display).

To scroll through the Menu functions use buttons △ or ▽. To change the setting of the selected function, use buttons ◁ or ▷.

The current status of the function selected will be shown on the display.

The functions managed by the Menu are:

- ❍ AF SWITCHING (ON/OFF);
- ❍ TRAFFIC INFORMATION (ON/OFF);
- ❍ REGIONAL MODE regional programmes (ON/OFF);
- ❍ MP3 DISPLAY (CD MP3 display setting);
- ❍ SPEED VOLUME (excluding versions with Bose HI-FI system) (speed-dependent automatic volume adjustment);
- ❍ RADIO ON VOLUME (radio volume maximum limit activation/deactivacion);
- ❍ SPEECH VOLUME (telephone volume adjustment);
- ❍ AUX OFFSET (alignment of the portable device volume to the one of the other sources);
- ❍ RADIO OFF (switching off mode);
- ❍ SYSTEM RESET.

Press the MENU button again to exit the Menu function.

IMPORTANT AF SWITCHING, TRAFFIC INFORMATION and REGIONAL MODE adjustments are only possible in FM mode.

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AF SWITCHING function (alternative frequency search)

The radio can operate in two different modes in the RDS system:

- "AF Switching On": search for alternative frequencies activated (the letters "AF" appear on the display);
- "AF Switching Off": search for alternative frequencies not activated.

Proceed as follows to switch the function on/off:

- press the MENU button and select "AF Switching On";
- press the ◁ / ▷ buttons to switch the function on/off.

With the function activated, the radio automatically tunes into the station with the strongest signal broadcasting the same program. In this way when driving you can continue listening to the same station without having to change the frequency when you change areas.

Obviously, it must be possible to receive the station that you are listening to in the area you are driving through.

If the AF function is activated, "AF" will light up in the display.

If the AF function has been activated and the radio is no longer capable of receiving the station tuned into, the radio will activate the automatic search during which the display will show "FM Search" (only for the high end radio).

With the AF function deactivated, the remaining RDS functions such as the display of the name of the radio station continue to remain activated.

The AF function can only be activated on FM bands.

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TRAFFIC INFORMATION function (traffic information)

Some stations on the FM band (FM1, FM2 and FMA) can transmit information about traffic conditions. In this case the letters "TA" will appear on the display.

Proceed as follows to switch the TA function on/off:

- ❍ briefly press the MENU button and select "Traffic Info";
- ❍ press buttons ◁ / ▷ to switch the function on/off.

If the TA function is activated, "TA" will light up on the display.

IMPORTANT If the TA function is activated with an audio source other than Tuner (Radio) (CD, MP3, Telephone or Mute/Pause), the radio can carry out an automatic search and therefore it is possible, when reactivating the Tuner (Radio) source, that the frequency tuned into will be different from the one set previously.

With the TA function it is possible to:

- ❍ search only for RDS stations that transmit on the FM band, which are enabled to transmit traffic information;
- ❍ receive traffic information even if the CD player is on;
- ❍ receive traffic information at a minimum preset volume even with the radio volume off.

IMPORTANT In some countries there are radio stations that do not broadcast traffic information even with the TP function activated ("TP" in the display).

If the radio is working on the AM band, when the TA function is activated it will switch to the last station tuned into on the FM1 band.

The volume at which the traffic news is transmitted depends on the listening volume:

- ❍ listening volume below 5: traffic news volume 5 (fixed value);
- ❍ listening volume above 5: traffic news volume equal to listening volume +1.

If the volume is changed during a traffic update, the level will not be shown on the display; the new level will only be maintained during the update.

The display will show the words TRAFFIC INFORMATION whilst a traffic update is being received.

The TA function can be interrupted by pressing any button on the car radio.

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REGIONAL MODE function (reception of regional broadcasts)

Some national broadcasters will transmit regional programmes at certain times of the day (that vary from region to region). This function makes it possible to tune into local (regional) broadcasters automatically (see EON function paragraph).

If you want the radio to automatically tune into the regional stations being broadcast on the network selected, the function must be activated.

To turn the function on/off, use buttons ◁ or ▷.

The current status of the function will appear on the display:

- ❍ "Regional On": function activated;
- ❍ "Regional Off": function deactivated.

If the function is deactivated and you have tuned into a regional station working in a given area and you enter a different area, then the regional station received in the new area will be broadcast.

WARNING If the AF and REG functions are on at the same time, once a border between two regions is crossed, the radio may not switch correctly to a valid alternative frequency.

MP3 DISPLAY FUNCTION (display of MP3 Compact Disc information)

This function makes it possible to select the information shown by the display when listening to a CD containing MP3 tracks.

The function can only be selected if a CD MP3 is inserted: in this case "MP3 Display" will appear on the display.

To change the function, use buttons ◁ or ▷.

The following settings are available:

- ❍ "Title" (track title, if the ID3-TAG is available);
- ❍ "Author" (track author, if the ID3-TAG is available);
- ❍ "Album" (track album, if the ID3-TAG is available);
- ❍ "Folder" (folder name);
- ❍ "File" (MP3 file name).

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SPEED VOLUME function (variation of volume dependent on speed) (excluding versions with Bose HI-FI system)

This function allows the volume level to be adjusted automatically depending on the speed of the vehicle, increasing it as the speed increases to maintain the same balance with the noise level inside the passenger compartment. To turn the function on/off, press buttons ◁ / ▷. The words Speed volume should appear on the display followed by the current status of the function:

- Off: function deactivated
- Low: function activated (low setting)
- High: function activated (high setting).

RADIO ON VOLUME function (radio volume maximum limit activation/deactivation)

This function makes it possible to activate/deactivate the maximum volume limit when turning the radio on.

The display shows the function status:

- "Radio on vol – Limit on": when the radio is switched on the volume level will be:
  - – if the volume level is equal to or higher than the maximum value, the radio will come on at the maximum volume;
  - – if the volume level is between the minimum and maximum values, the radio will come on at the same volume as before it was switched off;
  - – if the volume level is equal to or lower than the minimum value, the radio will come on at the minimum volume.
- "Radio on vol – Limit off": the radio will come on at the volume level it was at before switching off. The volume may be between 0 and 40.

To change the setting use buttons ◁ / ▷.

NOTES

- Using the MENU it is only possible to adjust the activation/deactivation of the function and not the minimum or maximum volume setting.
- If the "TA" or "TEL" functions or an outside audio source are activated when the radio is turned on, the radio will come on at the volume set for these sources. When the outside audio source is deactivated, the volume can be adjusted between the minimum and maximum levels.
- If the battery charge is low, it will not be possible to adjust the volume between the minimum and maximum levels.

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SPEECH VOLUME function (telephone volume adjustment)

This function makes it possible to adjust (setting from 1 to 40), by turning the left knob A-fig. 1 or pressing buttons ◁ / ▷ or exclude (OFF setting) the volume of the Telephone and Blue&Me™ (except the Media Player function).

The display shows the current function status:

- "Speech Off": function deactivated.
- "Speech Volume 23": function activated with volume set to 23.

AUX OFFSET function (alignment of the portable device volume to the one of the other sources)

This function enables to align the volume of the AUX source, depending on its own portable player, to the one of the other sources. To activate the function, press the MENU button and then select "AUX offset".

Press the buttons ◁ or ▷ to decrease or increase the volume value (set from –6 to +6).

RADIO OFF function (on and off mode)

This function is used to select the mode for switching off the radio between two different procedures. To turn the function on use buttons ◁ or ▷.

The selected mode will appear on the display:

- "00 MIN": the radio turns off automatically in connection with the ignition key; the radio turns off automatically as soon as the key is turned to the STOP position;
- "20 MIN": the radio turns off independently from the ignition key; the radio remains on for a maximum period of 20 minutes after the key has been turned to the STOP position.

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SYSTEM RESET function

This function is used to restore all settings to their preset factory values. The options are:

- NO: no restore operation;
- YES: the default parameters are restored. The display will show "Resetting" during this operation. At the end of the operation, the source does not change and the previous situation will be displayed.

TELEPHONE SETUP

If a hands-free kit is installed on the car, when there is an incoming phone call the car radio audio will be connected to the telephone output. The telephone volume is always fixed, but it can be adjusted during a conversation using the left knob **A** (fig.1).

The fixed telephone audio volume can be adjusted using the "SPEECH VOLUME" function in the Menu. The word PHONE will appear on the display during the deactivation of the audio for the phone call.

ANTI-THEFT PROTECTION

The radio is equipped with an anti-theft protection system based on the exchange of information between the car radio and the electronic control unit (Body Computer) on the vehicle.

This system guarantees maximum security and avoids the password having to be entered every time after the radio power supply is disconnected.

If the outcome of the check is positive, the radio will start to work, whilst if the codes compared are not the same or if the electronic control unit (Body Computer) is replaced, the equipment will notify the user of the need to enter the password following the procedure in the paragraph below.

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Entering the code

When the radio is switched on, if the password is requested, the display will show "Radio code" for about 2 seconds followed by four dashes "- - - -".

The code is made up of four numbers from 1 to 6, each corresponding to one of the dashes.

To enter the first number, press the button corresponding to the preset stations (from 1 to 6). Enter the other code numbers in the same way.

If the four digits are not entered within 20 seconds, the display will show "Enter code - - - -". If this occurs, it is not considered an incorrect code entry.

After the fourth number is entered (within 20 seconds), the car radio will start to function.

If an incorrect code is entered, the radio will emit a sound and the display will show "Radio blocked/wait" to notify the user of the need to enter the correct code.

Each time the user enters an incorrect code, the waiting time will gradually increase (1 min, 2 min, 4 min, 8 min, 16 min, 30 min,1h, 2h, 4h, 8h, 16h, 24h) up to a maximum of 24 hours. The waiting time will be shown on the display by "Radio blocked/wait". After the message disappears, the code entering procedure may be started again.

Code Card

This document certifies ownership of the car radio. The Code Card contains the model of the radio, the serial number and the password.

IMPORTANT Keep the Code Card somewhere safe so that the authorities can be supplied with the relevant information if the radio is stolen.

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RADIO (Tuner)

INTRODUCTION

When the radio is turned on the last function selected before it was switched off is activated: Radio, CD, CD MP3, Media Player (only with Blue&Me™) or AUX (only with Blue&Me™) (for versions/markets, where provided).

To select the Radio function whilst listening to another audio source, press the FMAS or AM buttons briefly, depending on the desired band.

Once the Radio mode has been activated, the display will show the name (RDS stations only) and the frequency of the selected radio station, the frequency band selected (e.g. FM1) and the preselect button number (e.g. P1).

FREQUENCY BAND SELECTION

With the Radio mode activated, press the FMAS or AM button briefly and repeatedly to select the desired reception band.

Each time the button is pressed the following bands are selected cyclically:

- Pressing the FMAS button: "FM1", "FM2" or "FMA";
- Pressing the AM button: "MW1" and "MW2".

Each band is highlighted by the name in the display. The last station selected on the respective frequency band will be tuned into.

The FM band is divided into sections: FM1, FM1 or "FMA"; the FMA reception band is reserved for broadcasters stored automatically using the AutoSTore function.

PRESET BUTTONS

The buttons numbered from 1 to 6 can used to set the following presettings:

- 18 on the FM band FM (6 on FM1, 6 on FM2, 6 on FMT or "FMA" (on some versions);
- 12 on the MW band (6 on MW1, 6 on MW2).

To listen to a preset station, select the desired frequency band and then briefly press the corresponding preset button (from 1 to 6).

By pressing the preset button for more than 2 seconds, the station tuned into will be stored. The storing phase is confirmed by an acoustic signal.

STORING THE LAST STATION LISTENED TO

The radio automatically stores the last station that was selected for each reception band, which is then tuned into when the radio is turned on or when the reception band is changed.

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AUTOMATIC TUNING

Briefly press buttons ◁ or ▷ to start the automatic tuning search for the next station that can be received in the selected direction.

If the ◁ or ▷ buttons are pressed down for longer, the fast search starts. When the button is released, the tuning will stop at the next station that can be received.

If the TA function (traffic information) is on, the tuner will only search for stations that broadcast traffic updates.

MANUAL TUNING

This allows a manual search for stations on the preselected band.

Select the desired frequency band and then press the △ or ▽ button briefly and repeatedly to start to the search in the desired direction. If the △ or ▽ buttons are pressed for longer, the fast search will start and then stop when the button is released.

AUTOSTORE FUNCTION

To activate the AutoSTore function, keep the FMAS button pressed until the acoustic confirmation signal. With this function, the radio automatically stores the 6 stations with the strongest signal in a decreasing order on the FMA frequency band.

During the automatic storing process, "Autostore" will appear flashing on the display.

To interrupt the Autostore function, press the FMAS button again: the radio will again tune into the station listened to before the activation of the function.

When the AutoSTore function is over, the radio automatically tunes into the first preselected station on the FMA band on the presetting 1 side.

The stations that have a strong signal at that moment are then automatically stored in the preselected band in the buttons numbered 1 to 6.

When the AutoSTore function is activated within the MW band, the FMA band is automatically selected and the function is performed.

IMPORTANT Sometimes the AutoSTore function does not manage to find 6 stations with a strong signal. In this case, the strongest stations will be duplicated in the free preset buttons.

IMPORTANT When the AutoSTore function is activated, the stations that were previously stored on the FMA band are deleted.

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EMERGENCY ALARM RECEPTION

The radio can receive emergency alerts in RDS mode in exceptional circumstances where dangerous situations are threatened (earthquakes, floods, etc.) if these are being transmitted by the broadcaster tuned into.

This function is activated automatically and cannot be turned off.

The word Alarm will be shown in the display during the transmission of an emergency announcement. The volume of the radio will change during this announcement in the same way as during a traffic bulletin.

EON FUNCTION (Enhanced Other Network)

In some countries, there are circuits that group multiple broadcasters that transmit traffic information together. In this case, the programme on the station that is being listened to will be temporarily interrupted to:

- ❍ receive traffic information (only with the TA function on);
- ❍ listen to regional transmissions each time they are transmitted by one of the broadcasters in the same circuit.

STEREOPHONIC BROADCASTERS

If the incoming signal is weak, the reproduction is automatically switched from Stereo to Mono.

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CD PLAYER

INTRODUCTION

This chapter describes the variants regarding the operation of the CD player: as far as the operation of the radio is concerned, refer to the description in the "Functions and Adjustments" chapter.

SELECTING THE CD PLAYER

To activate the CD player built-into the equipment, proceed as follows:

- load a CD with the device switched on: the first track will start to play;

or

- if a CD has already been loaded, turn on the car radio and then briefly press the CD button to select the "CD" operating mode: the last track listened to will start to play.

It is advisable to use original CDs to ensure optimum playback. If CD-R/RWs are used, we recommend using good quality media mastered at the slowest speed possible.

LOADING/EJECTING A CD

To load the CD, insert it gently into the slot to activate the motorised loading system, which will position it correctly.

The CD can be loaded with the radio switched off and the ignition key in the MAR position: in this case the radio will remain off. When the car radio is turned on, the last source listened to prior to switching off will be activated.

When a CD is loaded the display will show "CD-IN" and the words "CD Reading". They will remain displayed for the entire time required for the car radio to read the CD tracks. When this time has elapsed the radio will automatically start to play the first track.

Press the ⏏ button with the car adio on to activate the motorised ejection of the CD. After ejection, the last audio source listened to before playing the CD will be heard.

If the CD is not removed from the car radio, it will automatically be reloaded about 20 seconds later and the Tuner mode will be tuned into (Radio).

The CD cannot be ejected if the car radio is off.

If the ejected CD is loaded without having removed it completely from the slot, the radio will not switch to the CD source.

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Possible error messages

If the CD loaded cannot be read (e.g. a CD ROM has been inserted or the CD is inserted the wrong way round or there is reading error) the display will show the words "CD Disc error".

The CD will then be ejected and the audio source activated prior to the CD mode selection will be heard.

With an external audio source activated (TA, ALARM or Phone), the CD that cannot be read will be not be ejected until these functions have ended. At the end, with the CD mode activated, the display will show the words "CD Disc error" for a few seconds and then the CD will be ejected.

DISPLAY INFORMATION

When the CD player is working, the display will show the following information:

- "CD Track 5": indicating the number of the CD track;
- "03:42": indicating the time elapsed since the start of the track (if the relevant Menu function is activated).

TRACK SELECTION (forward/back)

Briefly press the ◁ button to play the previous CD track and the ▷ button to play the next track. The tracks are selected cyclically: the first track is selected after the last track and vice versa.

If the track has been playing for more than 3 seconds, pressing ◁ will cause the track to start again from the beginning. In this case, if you want to play the previous track, press the button twice consecutively.

TRACK FAST FORWARD/ REWIND

Keep the ▷ button pressed down to fast forward the selected track and keep the ◁ button pressed down to fast rewind the track. The fast forward/rewind will stop once the button is released.

PAUSE FUNCTION

To pause the CD player, press the MUTE button. The words "CD Pause" will appear on the display.

To resume listening to the track, press the MUTE button again.

If another audio source is selected, the pause function is turned off.

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MP3 CD PLAYER

INTRODUCTION

This chapter describes the variants regarding the operation of the MP3 CD player: as far as the operation of the radio is concerned, refer to the description in the "Functions and Adjustments" and "CD player" chapters.

NOTE MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia.

MP3 MODE

In addition to playing normal audio CDs, the car radio is also capable of playing CD-ROMs on which MP3 format compressed audio files are recorded. The radio functions as described in the "CD Player" chapter when an ordinary audio CD is inserted.

The use of good quality media mastered at the slowest possible speeds is recommended for optimum quality.

The files on the MP3 CD are in folders, with sequential lists of all the folders containing MP3 tracks (folders and sub-folders are all displayed on the same level) and folders that do not contain MP3 tracks cannot be selected.

The operating conditions and specifications for playing MP3 files are as follows:

- the CD-ROMs used must be mastered in compliance with the ISO9660 Standard;
- the music files must have an ".mp3" extension: files with a different extension cannot be played;
- the following sampling frequencies can be played: 44.1 kHz, stereo (96 to 320 kbit/s) - 22.05 kHz, mono or stereo (32 to 80 kbit/s);
- tracks with variable bit-rates can also be played.

IMPORTANT The names of tracks must not contain the following characters: spaces, ' (apostrophes), (and) (open and close brackets). When an MP3 CD is being burned make sure that the file names do not contain these characters; otherwise, the car radio will not be able to play those tracks.

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SELECTING MP3 SESSIONS ON HYBRID DISCS

If a hybrid disc is inserted (Mixed Mode, Enhanced, CD-Extra) also containing MP3 files, the radio automatically starts playing the audio session. It is possible to move to the MP3 session whilst playing by keeping the MEDIA button pressed for more than 2 seconds.

IMPORTANT When the function is activated the radio may take a few seconds to start playback. Whilst checking the disc the display will show "CD READING"; if no MP3 files are detected, the radio will resume playing the audio session from the point where it was interrupted.

DISPLAY INFORMATION

ID3-tag information display

In addition to the information relating to the time elapsed, the name of the folder and the name of the file, the car radio is also capable of display ID3-TAG information relating to the Track title, Artist and Author.

The name of the MP3 folder shown on the display corresponds to the name with which the folder was stored on the CD, followed by an asterisk.

Example of a complete MP3 folder name: BEST OF *.

If you wish to display ID3-TAG information (Title, Artist, Album) and this information has not been recorded for the track played, the information will be replaced by information relating to the name of the file.

SELECT NEXT/PREVIOUS FOLDER

Press △ to select the next folder or ▽ to select the previous folder. The display will show the number and the name of the folder (e.g. "DIR 2 XXXXXX").

XXXXXX: name of the folder (the display will only show the first 12 characters).

The folders are selected cyclically: the first folder is selected after the last folder and vice versa.

If no other folder/track is selected during the next 2 seconds, the first track contained in the new folder will be played.

If the last track on the folder currently selected is being played, the next folder will be played.

STRUCTURE OF THE FOLDERS

The car radio with MP3 player:

- ❍ only recognises those folders that effectively contain MP3 format files
- ❍ if the MP3 files on a CD-ROM are structured in "sub-folders", their structure is compressed to a single level structure where the "sub-folders" are at the level of the main folders.

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AUX (only with Blue&Me™) (for versions/markets, where provided)

INTRODUCTION

This chapter describes the variants regarding the operation of the AUX source: as far as the operation of the radio is concerned, refer to the description in the "Functions and Adjustments" chapter.

AUX MODE

To activate the AUX source, press the MEDIA button or the SRC steering wheel control several times till the corresponding source is displayed.

IMPORTANT NOTES

The functions of the device connected with the AUX socket are directly managed by the device itself; it is not possible to change track/folder/playlist with radio or steering wheel controls.

Do not leave the cable of your portable player connected with the AUX socket after the disconnection, to avoid possible hisses from the speakers.

NOTE The AUX socket is not incorporated in the radio. For its position, refer to the Blue&Me™ Supplement and its Quick Guide.

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TROUBLESHOOTING

GENERAL

Sound volume low

The Fader function should be adjusted to "F" (front) values to prevent the reduction of radio output power and the cancelling of the volume if the Fader level adjustment is R+9.

Source cannot be selected

Nothing has been loaded. Load the CD or MP3 CD to be played.

CD PLAYER

The CD does not play

The CD is dirty. Clean the CD.

The CD is scratched. Try and use another CD.

The CD cannot be loaded

A CD is already loaded. Press ⏏ and remove the CD.

MP3 FILE READING

Skips tracks whilst playing MP3 files

The CD is scratched or dirty. Clean the CD, referring to the contents of the "CD" paragraph in the "Introduction" chapter.

The duration of the MP3 tracks is not correctly displayed

In some cases (due to the recording mode) the duration of the MP3 tracks may be displayed incorrectly.

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ARRANGEMENTS FOR DEALING WITH THE CAR AT THE END OF ITS LIFE

For years, Alfa Romeo has pursued a global commitment to protect and respect the environment by continually improving its production processes and developing increasingly eco-compatible products. To ensure its customers the best possible service in compliance with environment standards and in response to obligations arising out of European Directive 2000/53/EC on end of life vehicles, Alfa Romeo offers its customers the chance to hand back their vehicles (*) at the end of their life cycle at no additional cost.

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. In all European Union countries, until 1st January 2007, only vehicles registered after 1st July 2002 were collected free of charge, while since 2007 collection has been free of charge irrespective of the year of registration as long as the vehicle contains its basic components (in particular, the engine and bodywork) and has no additional waste.

To hand back your car at the end of its life without additional cost, you may contact one of our dealers or one of the collection and demolition centres authorised by Alfa Romeo. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of unused vehicles with respect to the environment.

You can find further information on these collection and scrapping centres either from an Alfa Romeo Authorized Services or by calling the freephone number 00800 2532 0000 or on the Alfa Romeo website.

(*) Vehicle for transporting passengers with a maximum of nine seats and a total permitted weight of 3.5 t

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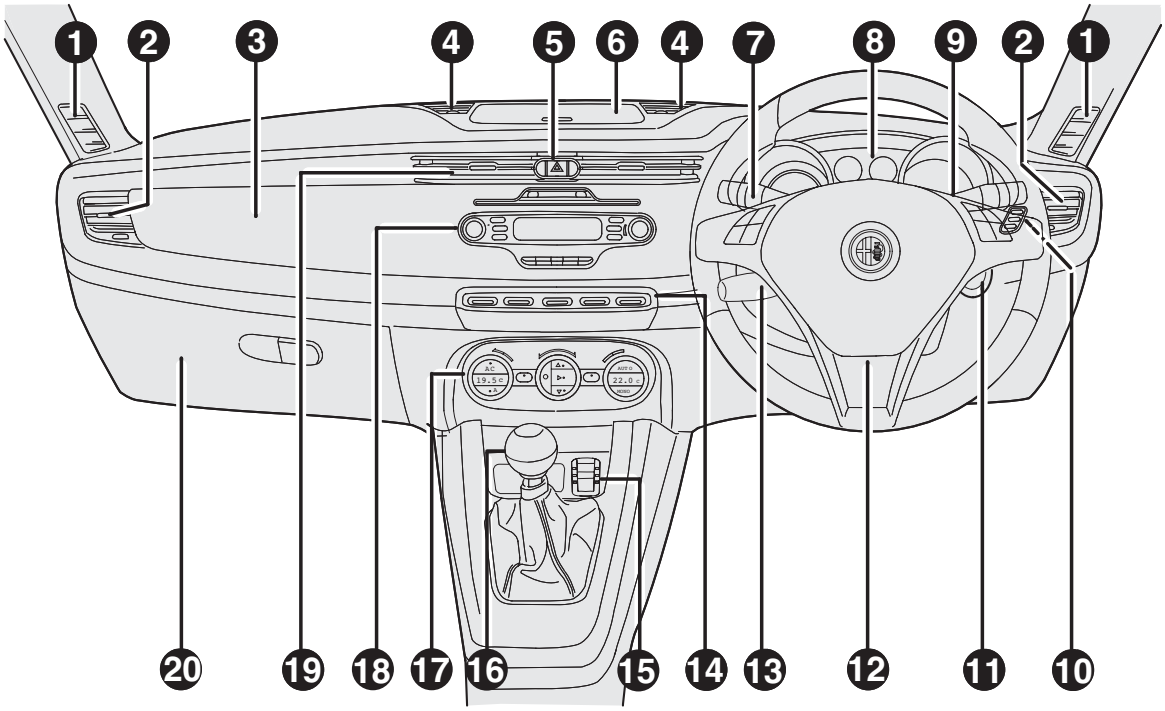
DASHBOARD



1. Fixed vent for sending air to side windows - 2. Adjustable air vent - 3. Passenger front air bag - 4. Upper adjustable vents - 5. Hazard warning lights - 6. Radio navigator display (for versions/markets, where provided) - 7. External light control stalk - 8. Instrument panel - 9. Windscreen wiper/rear window wiper/trip computer stalk - 10. Headlight alignment corrector (for versions/markets, where provided) and Set Up Menu access buttons - 11. Ignition device - 12. Driver's front air bag - 13. Cruise Control stalk (for versions/markets, where provided) - 14. Control buttons: fog lights/rear fog light, Start&Stop system (for versions/markets, where provided), door locking/unlocking, AFS light on/off (for versions/markets, where provided) - 15. "Alfa DNA" system - 16. Gear lever - 17. Heating/ventilation/air conditioning controls - 18. Sound system (for versions/markets, where provided) - 19. Central adjustable air vents - 20. Glove compartment.

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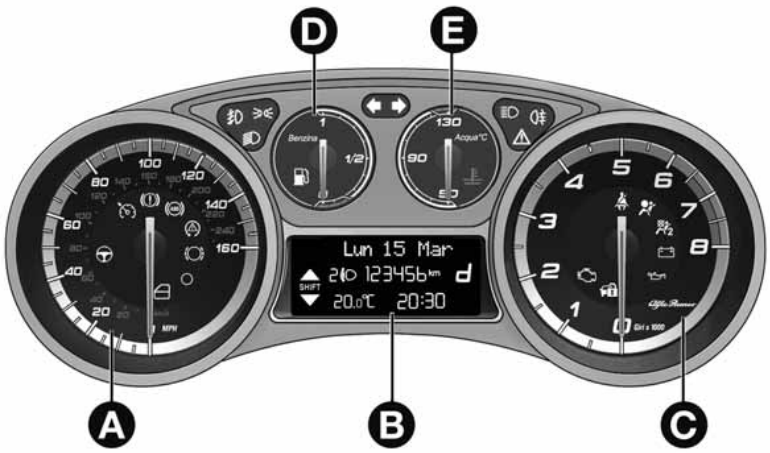
CONTROL PANEL AND INSTRUMENTS



A0K0004m

VERSIONS WITH MULTIFUNCTION DISPLAY

A Speedometer
B Multifunction display
C Rev counter
D Fuel level gauge with reserve warning light
E Engine coolant temperature gauge with overheating warning light

Warning lights present on diesel versions only. On diesel versions, the end of scale for the rev counter is 6000 rpm

IMPORTANT The illumination of the instrument panel graphics may vary according to versions.

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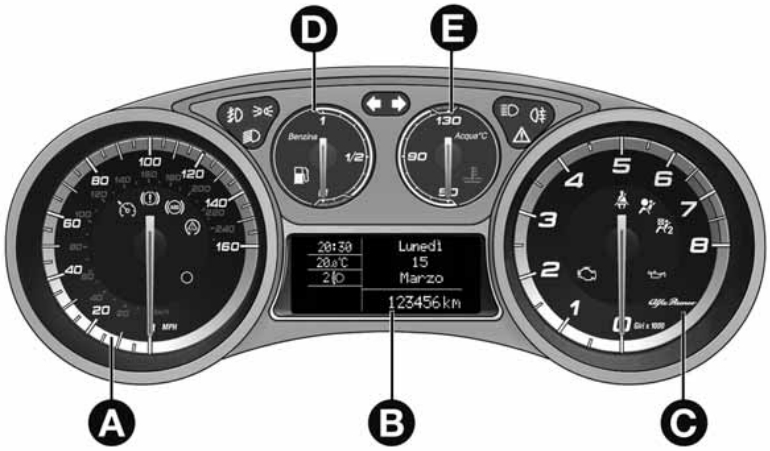

A0K0003m

VERSIONS WITH RECONFIGURABLE MULTIFUNCTION DISPLAY

A Speedometer
B Reconfigurable multifunction display
C Rev counter
D Fuel level gauge with reserve warning light
E Engine coolant temperature gauge with overheating warning light

Warning lights present on diesel versions only. On diesel versions, the end of scale for the rev counter is 6000 rpm

IMPORTANT The illumination of the instrument panel graphics may vary according to versions.

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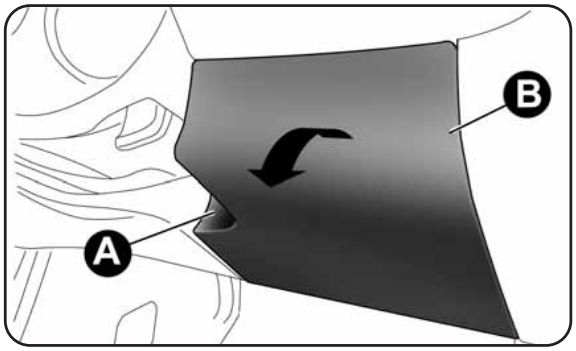
CHANGING A FUSE

FUSEBOX ON DASHBOARD

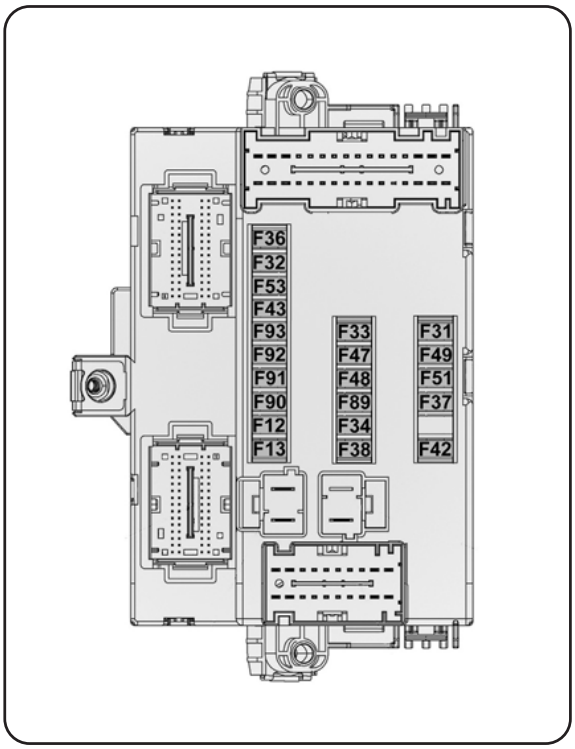
Insert a hand in the seat A-fig. 1 and lower the flap B to access the fuses. The fuses are located in the fusebox shown in fig. 2.

NOTE For fuse protected devices refer to the description of "In an emergency" chapter.



A0K0246m

fig. 1



A0K0245m

fig. 2

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