



OWNER HANDBOOK

MTU



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 carefully; these are marked with the following symbols:



personal safety;



the 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.

Best regards and happy motoring!

**This Owner Handbook describes all versions of Alfa Mito; please consider only the information relevant to your version, engine and configuration. All data contained in this publication are purely indicative. Fiat Group Automobiles can modify the specifications of the vehicle model described in this publication at any time, for technical or marketing purposes.
For further information, contact Alfa Romeo Authorised Service.**

READ THIS CAREFULLY!

REFUELLING





Petrol engines: only use unleaded petrol with an octane value (RON) of no lower than 95.

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.

STARTING THE ENGINE



Petrol engines: make sure that the handbrake is engaged; set the gearshift lever to neutral; fully depress the clutch pedal 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 warning lights to go out;  then  turn the ignition key to AVV and release it as soon as the engine has started.

PARKING ON FLAMMABLE MATERIAL



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

RESPECTING THE ENVIRONMENT



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

ELECTRICAL ACCESSORIES



If after having purchased your car you decide to add accessories requiring electrical power (that may otherwise cause the battery to gradually lose power), please consult an Alfa Romeo Authorised Service. They can calculate the overall electrical requirement and check that the car's electrical 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.




PROGRAMMED MAINTENANCE



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...



... important information, tips and warnings on the correct use and maintenance of your car over time as well as safe driving. Particular attention should be paid to information marked with the following symbols:  (personal safety)  (environmental protection)  (car integrity).



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DASHBOARD

The presence and position of controls, instruments and gauges may vary according to different versions.

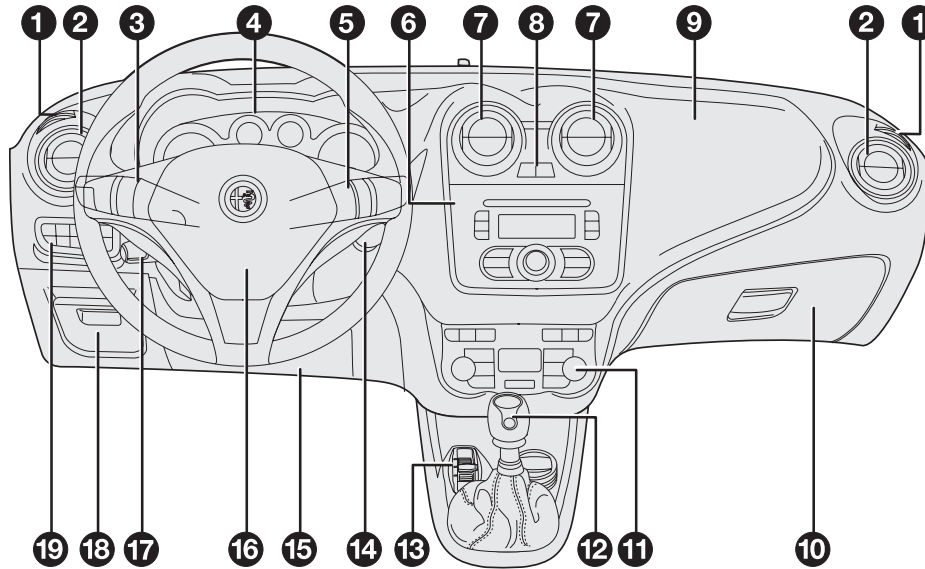


fig. 1

A010330m

1. Air vent for side windows - 2. Adjustable air vent - 3. Exterior lighting control lever - 4. Instrument panel - 5. Windscreen wiper/rearscreen wiper/trip computer control lever - 6. Radio (for versions/markets, where provided) - 7. Adjustable air vents - 8. Hazard warning lights, door lock/unlock button - 9. Passenger front air bag - 10. Glove compartment - 11. Heating/ventilation/climate control system controls - 12. Gearbox lever - 13. "Alfa DNA" system - 14. Ignition device - 15. Driver front knee air bag (for versions/markets, where provided) - 16. Driver front air bag - 17. Cruise Control lever (for versions/markets, where provided) - 18. Fuse box access flap - 19. Control panel.

INSTRUMENT PANEL AND ONBOARD INSTRUMENTS

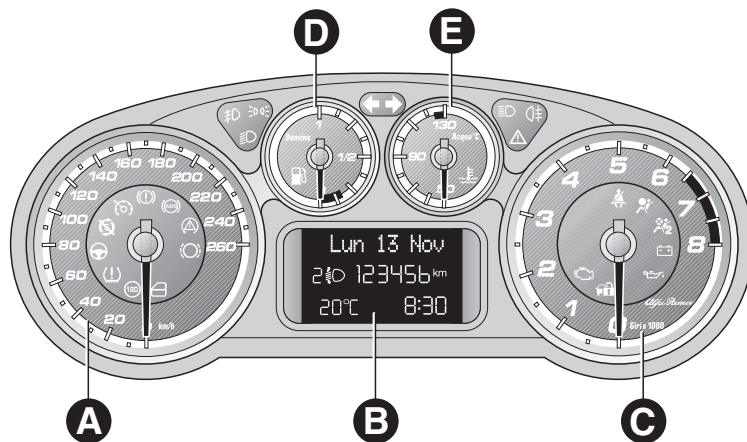


fig. 2

A0J0349m

VERSIONS WITH MULTIFUNCTIONAL DISPLAY

- A Speedometer (speed indicator)
- B Multifunctional display
- C Rev counter
- D Fuel level gauge with reserve warning light
- E Engine coolant temperature gauge and excessive temperature warning light

 Warning lights supplied in diesel versions only. On diesel versions the rpm gauge end of scale is set at 6000 rpm

WARNING Instrument background colour and type may vary according to the version.

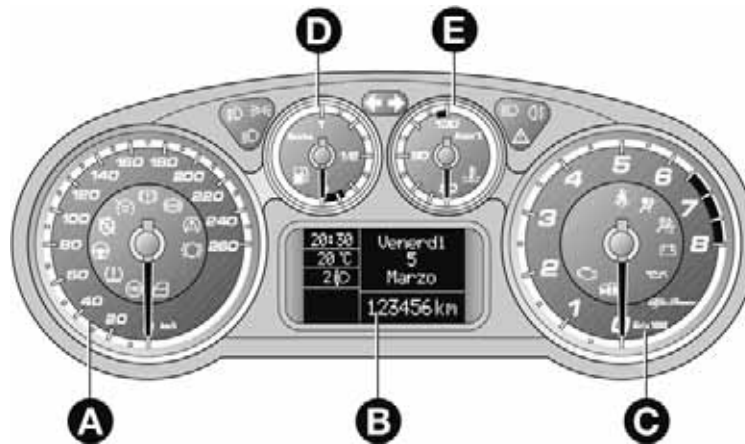


fig. 3

A010263m

VERSIONS WITH RECONFIGURABLE MULTIFUNCTIONAL DISPLAY

- A Speedometer (speed indicator)
- B Reconfigurable multifunctional display
- C Rev counter
- D Fuel level gauge with reserve warning light
- E Engine coolant temperature gauge and excessive temperature warning light

 Warning lights supplied in diesel versions only. On diesel versions the rpm gauge end of scale is set at 6000 rpm

WARNING Instrument background colour and type may vary according to the version.

SPEEDOMETER (SPEED GAUGE)

This shows the speed of the vehicle.

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 5 to 7 litres of fuel remaining in the tank; in the event of this happening, refuel at the earliest opportunity.

ENGINE COOLANT TEMPERATURE INDICATOR

This gauge indicates the temperature of the engine coolant. The warning light in the gauge 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.



INSTRUMENT PANEL WARNING LIGHTS

General warnings

The lighting up of a warning light is associated with a specific message and/or buzzer when applicable. These indications are brief and precautionary and as such must not be considered as exhaustive and/or an alternative to the information contained in the Owner 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 indication.



Low brake fluid level (red)



This warning light comes on when the ignition key is turned to MAR, but it 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. The display will show the dedicated message.

Handbrake on (red)

This warning light comes on when the ignition key is turned to MAR, but it 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.

**EBD failure (red)/(amber)**

If warning lights  and  are lit up at the same time with the engine running, this indicates an EBD system failure or that the system is not available. Early locking of the rear wheels may occur in the event of violent braking, causing the car to swerve.

Under these circumstances drive with extreme caution straight to the nearest Alfa Romeo Authorised Service to have the system checked. The display will show the dedicated message.

**ABS system failure (amber)**

This warning light comes on when the ignition key is turned to MAR, but it should go off after a few seconds. The warning light (or symbol on the display) lights up when the system is inefficient. Under these circumstances the braking system will work as normal without the extra performance offered by the ABS system. Drive with caution and visit an Alfa Romeo Authorised Service at your earliest convenience. The display will show the dedicated message.

**Brake pad wear (amber)**


The warning light (or symbol on the display) lights up when the one or more brake pads show signs of wear; under these circumstances have them replaced as soon as possible. The display shows the dedicated message. It is advisable to have this operation carried out by an Alfa Romeo Authorised Service.

**Airbag failure (red)**




This warning light comes on when the ignition key is turned to MAR, but it should go off after a few seconds.

The warning light stays on, glowing steadily, if there is a failure in the air bag system. The display will show the dedicated message.





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





Failure of the  warning light is indicated by the  warning light flashing for longer than the normal 4 seconds, thus signalling that the front passenger airbag is deactivated. In addition, the airbag system automatically disables the airbag on the passenger's side (both front and side airbags, for versions/markets, where provided). In this case, warning light  may not indicate a fault in the system. Contact an Alfa Romeo Authorised Service immediately to have the system checked.



Passenger-side air bag/side bags deactivated (amber)

The  warning light comes on when the front passenger's airbag and the side bags are disabled. With front passenger airbag 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.



Failure of the  warning light is indicated by the  warning light coming on. In addition, the airbag system automatically disables the airbag on the passenger's side (both front and side airbags, where provided). Contact an Alfa Romeo Authorised Service immediately to have the system checked.



Seat belts unfastened (red)

This warning light remains on steadily with the vehicle at a standstill when the driver's seat belt is 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.

If you wish to permanently deactivate the S.B.R. (Seat Belt Reminder) system buzzer, please contact your nearest Alfa Romeo Authorised Service.

The system can be reactivated using the Set-up 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).

If the warning light (or symbol in the display) remains on constantly or flashes, contact your nearest Alfa Romeo Authorised Service.




ON CONSTANTLY: Low engine oil pressure (red)
FLASHING: Engine oil exhausted
 (Diesel versions with DPF only - red)

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

1. Low engine oil pressure

The warning light turns on and stays on constantly (in versions/markets, where applicable) along with the message on the display when the system detects that the engine oil pressure is low.



If the warning light  turns on when the vehicle is travelling (on certain versions together with the message on the display) stop the engine immediately and contact Alfa Romeo Authorised Service.

2. Engine oil exhausted (Diesel versions with DPF only)

When the key is turned to the MAR position, the warning light comes on, but it must switch off after a few seconds. The warning light will flash and a specific message will appear on the display (in versions/markets, where applicable). The warning light may flash in the following ways, depending on the version:

- for 1 minute every two hours;
- for 3 minute cycles with the warning light off for intervals of 5 seconds until oil is changed.

After the initial warning, each time the engine is started up, the warning light will continue to flash for 60 seconds in the same mode, until the oil is changed. A specific message will appear on the display (for versions/markets, where applicable) in addition to the warning light.

If the warning light flashes, this does not mean that the car is defective, but simply informs the driver that it is now necessary to change the oil as a result of regular vehicle use.

Note that engine oil is exhausted faster under the following circumstances:

- use of the vehicle prevalently for city driving, requiring more frequent regeneration of DPF
- use of the vehicle for short drives, in which the engine does not have time to reach its regular operating temperature
- repeated interruption of 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, never more than 500 km after the warning light first comes on. Failure to change the oil within the first 500 km may result in severe damage to the engine and will result in forfeiture of the warranty. Remember that when the warning light flashes, it does not mean that the level of engine oil is low, so if the light flashes you must not top up the engine oil.

**Electric power steering failure (red)**

This warning light comes on when the ignition key is turned to MAR, but it should go off after a few seconds.

If the warning light (or symbol on the display) remains on, you will not have steering assistance and the effort required to operate the steering wheel will be increased. Steering is, however, possible. In this case contact your nearest Alfa Romeo Authorised Service. The display will show the dedicated message.

**Start&Stop system deactivation (amber)**

The warning light comes on when the Start&Stop system is deactivated by pressing the button on the auxiliary control panel next to the steering wheel. On some versions the display shows the associated message.

**Excessive engine coolant temperature (red)**

This warning light comes on when the ignition key is turned to MAR, but it should go off after a few seconds.

The warning light turns on when the engine is overheated. The display will show the dedicated message. If the warning light comes on, proceed as follows:

- during normal travel: stop the car, stop the engine and check that the water level in the reservoir is not under the MIN line. In this case, 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 references on the reservoir. Also check for leaks. If the warning light comes on again at the next engine start-up, contact your nearest Alfa Romeo Authorised Service.
- In the case of demanding use (e.g. towing trailers uphill or car at full load): slow down and stop the car if the warning light stays on. Stop for 2 or 3 minutes with the engine running and slightly accelerated to favour better coolant circulation. Then stop the engine. Check the correct fluid level as described previously.

IMPORTANT Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.

**Doors not closed correctly (red)**

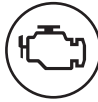
The warning light (or symbol on the display) lights up when one or more doors or the boot tailgate are not properly closed. A buzzer will sound when doors are open and the car is moving. On some versions the warning light (or symbol on the display) also lights up when the bonnet is not closed correctly.

**Luggage compartment open**

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

**Bonnet open**

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

**EOBD/injection system failure (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, this means that the injection system is not working properly; in particular, if the warning light comes on constantly, this indicates a malfunction in the supply/ignition system that could cause excessive exhaust emissions, a possible loss of performance, poor driveability and high fuel consumption.

On certain versions the dedicated message is displayed.

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



The warning light goes out after the fault is cleared, and the indication is stored in the system.

NOTE (this information applies to petrol engine 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 as soon as possible.



Contact an Alfa Romeo Authorised Service as soon as possible if the  warning light does not light up when the key is turned to MAR or if, while travelling, the warning light comes on either steadily or blinking (along with a message on the display). The operation of the warning light  may be checked by the traffic police using specific devices. Follow the laws in force in the country where you are driving.



VDC system (amber)

(for versions/markets, where provided)

This warning light comes on when the ignition key is turned to MAR, but it should go off after a few seconds.


If the warning light does not go out, or if it remains lit up when driving, contact an Alfa Romeo Authorised Service. On certain versions the dedicated message is displayed. If the warning light flashes when driving, this indicates that the VDC system is active.

ASR failure

This warning light comes on when the ignition key is turned to MAR, but it should go off after a few seconds. If the warning light does not go out, or if it remains lit up when driving, contact an Alfa Romeo Authorised Service. On certain versions the dedicated message is displayed.

If the warning light flashes when driving, this indicates that the ASR system is active.

Hill Holder failure

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 failure. If this occurs, contact your nearest Alfa Romeo Authorised Service.



Alfa Romeo CODE/alarm system failure (amber)

(for versions/markets, where provided)

This warning light (or symbol on the display) comes on (on some versions together with a message in the display) to indicate the failure of the Alfa Romeo CODE or alarm system (for versions/markets, where provided): if this occurs, contact your nearest Alfa Romeo Authorised Service as soon as possible.

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 an Alfa Romeo Authorised Service 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.

Glowheater plugs preheating failure warning light (Diesel versions)


If this warning light flashes (on some versions together with a message in the display), this indicates a failure in the glowheater plugs preheating system. Contact an Alfa Romeo Authorised Service Provider as soon as possible to eliminate the fault.



Water in diesel fuel filter (Diesel versions) (amber)

This 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 an Alfa Romeo Authorised Service as soon as possible to bleed the system. Water may have been introduced into the tank if this indication appears immediately after refuelling: in this case switch off the engine immediately and contact an Alfa Romeo Authorised Service.

**Possible presence of ice on the road**

On versions equipped with "Reconfigurable multifunctional displays" a message + symbol on the display are shown when the outdoor temperature falls to or below 3°C.

On versions with "Multifunctional displays" only the dedicated message is shown.

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

**Fuel lock**

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

**External lights failure**

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

- daytime lights (DRL)
- side lights
- direction indicators
- rear fog lights
- number plate lights.

The fault may be caused by: one or more burnt bulbs, a blown protection fuse or an interruption of the electrical connection.

**Brakes lights failure**

On some versions the display will show a message + symbol if a fault is detected in the brake lights. The fault may be caused by a burnt bulb, a blown protection fuse or an interruption of the electrical connection.

**Dusk sensor failure**

(for versions/markets, where provided)

On some versions the display will show a message + symbol if there is a fault in the dusk sensor.

**Rain sensor failure**

(for versions/markets, where provided)

On some versions the display will show a message + symbol if there is a fault in the rain sensor.

**Parking sensor failure**

(for versions/markets, where provided)

On some versions the display will show a message + symbol if there is a fault in the parking sensors.

**Dynamic Suspension failure (active shock absorber system)**

(for versions/markets where provided)

On some versions, the display shows a message + symbol in case of active shock absorber failure. Contact your nearest Alfa Romeo Authorised Service as soon as possible.

**Fuel reserve - Limited range (amber)**

This warning light comes on when about 5 to 7 litres of fuel are left in the tank. When the remaining range is approx. 50 km (or equivalent value in miles), on some versions, the display will show a warning message.



If the warning light flashes with the vehicle in motion, contact an Alfa Romeo Authorised Service.

**Cruise Control (green)**

(for versions/markets, where provided)

This 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 deactivated. The warning light comes on when the Cruise Control wheel is turned to the ON position (see the "Cruise Control" paragraph in this chapter). The display will show the dedicated message.



Particulate trap filter blocked (Diesel with DPF versions) (amber)

When the ignition key is turned to MAR, the warning light switches on but it must switch off after a few seconds. The warning light comes 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 of the driver. To switch the warning light off, the car must stay in motion until regeneration has been completed. The process normally takes about 15 minutes. The optimum conditions to end the process are achieved by keeping the car in motion up to 60km/h with an engine speed higher than 2,000 rpm. This light coming on is not a car defect and therefore the car does not need to go to the workshop. A specific message will appear on the display when the warning light comes on (for versions/markets, where provided).



Always drive at a speed appropriate to the traffic conditions, the weather and speed limits. The engine may be turned off while the DPF light is on; however, repeated interruption of the regeneration process may result in premature exhaustion of 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 advisable to complete DPF regeneration with the vehicle stationary.



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

This warning light (for versions/markets, where provided) comes on when the vehicle speed exceeds 120 km/h.

When the vehicle exceeds the speed limit set in the Setup Menu (e.g. 120 km/h), on some versions a message and symbol are shown in the display and a buzzer sounds.



General failure (amber) (for versions/markets, where provided)

On some versions, this warning light comes on under the following circumstances:

External lights failure

See description of ☼ warning light.

Brake lights failure

See description of "brake lights failure".

Fuel lock

This warning light comes on when the fuel cut-off inertia switch is triggered. The display will show the dedicated message.

**Start&Stop failure**

(for versions/markets, where provided)

The warning light comes on when a Start&Stop failure is detected.

Rain sensor failure

(for versions/markets, where provided)

See description of ! warning light.

Parking sensor failure

(for versions/markets, where provided)

See description of  warning light.

Dusk sensor failure

(for versions/markets, where provided)

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

**Insufficient tyre inflation pressure**

(for versions/markets, where provided)

This warning light (or symbol in the display) comes on (on some versions together with a message on the display) (together with the sounding of a buzzer) if the tyre inflation pressure of one or more tyres goes below a preset value. In this way the T.P.M.S. system warns the driver that one or more tyres may be dangerously flat and liable to puncture.

IMPORTANT Do not continue driving with one or more tyres flat as vehicle driveability may be compromised. Stop the car, avoiding harsh braking or steering manoeuvres. Replace the wheel immediately with the spare wheel (for versions/markets, where provided) or carry out a repair using the dedicated kit (see the paragraph on “Replacing a wheel” in chapter 4) and contact an Alfa Romeo Authorised Service as soon as possible.

T.P.M.S. system failure (amber)

(for versions/markets, where provided)

This warning light (or symbol in the display) comes on (on some versions together with a message in the display) when a fault is detected in the T.P.M.S tyre inflation pressure monitoring system: if this occurs, contact your nearest Alfa Romeo Authorised Service as soon as possible.

Should one or more wheels be fitted without sensors, the display will show a warning message until initial conditions are restored.

Check tyre inflation pressure

(for versions/markets, where provided)

If this warning light (or symbol in the display) comes on (on some versions together with a message in the display) this indicates that the tyre pressure is below the optimum value recommended to guarantee long tyre life and low fuel consumption. It may also indicate a slow loss of pressure.

Should two or more tyres be discovered to be in the above mentioned condition, the display will show the indications corresponding to each tyre in sequence. Under these circumstances you should restore the correct pressure values (see chapter 6).

Display of selected driving mode ("Alfa DNA" system)

(for versions/markets, where provided)

On versions equipped with a "Reconfigurable multifunctional 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 a "Multifunctional display" a letter (d or a) associated with the selected driving mode is shown together with a dedicated message.

Engine oil level display

(for versions/markets, where provided)

When the ignition key is turned to MAR the display shows, for a few seconds, the engine oil level. In the event of an insufficient engine oil level, a warning message appears on the display.

IMPORTANT To determine the correct engine oil quantity, always check using the marks on the dipstick (see paragraph "Checking levels" in "5" section).

IMPORTANT For a correct engine oil level indication, perform the check with the car parked on a level surface.

IMPORTANT To perform the engine oil reading correctly, after turning the key to MAR wait for about 2 seconds before starting the engine.

IMPORTANT The engine oil level may increase after a long stop.

**Rear fog lights (amber)**

This warning light comes on when the rear fog lights are turned on.

**Front fog lights (green)**

This warning light comes on when the front fog lights are turned on.

**Side lights (green)**

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

Follow me home (green)

This warning light comes on (together with a message in the display), when this device is used.

**Dipped beam headlights (green)**

This warning light comes on when the dipped beam headlights are turned on.

**Main beam headlights (blue)**

This warning light comes on when the main beam headlights are turned on.

**Left direction indicator (green)**

This warning light comes on when the direction indicator control lever is moved downwards and when the hazard warning light button is pressed.

**Right direction indicator (green)**

This warning light comes on when the direction indicator control lever is moved upwards and when the hazard warning light button is pressed.

DISPLAY

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

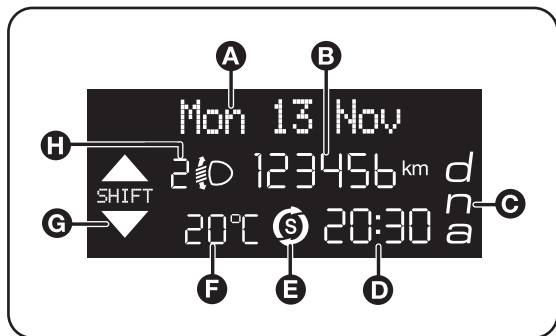


fig. 6

A011270g

MULTIFUNCTIONAL DISPLAY "STANDARD" SCREEN fig. 6

The following information is shown on the display:

- A. Date
- B. Odometer (covered km or miles).
- C. Driving mode selected via "Alfa DNA" (dynamic vehicle control system) (for versions/markets, where provided)
 - d = Dynamic
 - n = Normal
 - a = All Weather
- D. Clock (always displayed, even with ignition key removed and the doors closed)
- E. Start&Stop function indication (for versions/markets, where provided)
- F. Outdoor temperature
- G. Gear Shift Indicator (for versions/markets, where provided)
- H. Headlight alignment position (with dipped beam headlights on only)

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



RECONFIGURABLE MULTIFUNCTIONAL DISPLAY "STANDARD" SCREEN fig. 7

The following information is shown on the display:

- A. Time
- B. Partial mileage (in Km or miles)
- C. Odometer (distance travelled in kilometres/miles)
- D. Car conditions (e.g. doors open, ice on road, etc.)/Start&Stop function indication (for versions/markets, where provided)/Gear Shift Indicator (for versions/markets, where provided)
- E. Headlight alignment position (with dipped beam headlights on only).
- F. Outdoor temperature

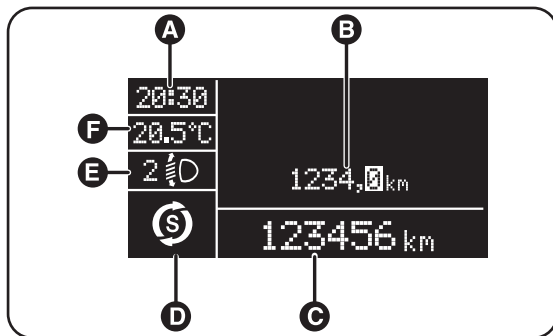


fig. 7

A0J0333m

On some versions when the "DYNAMIC" driving mode is selected, the display shows the turbine pressure fig. 8.

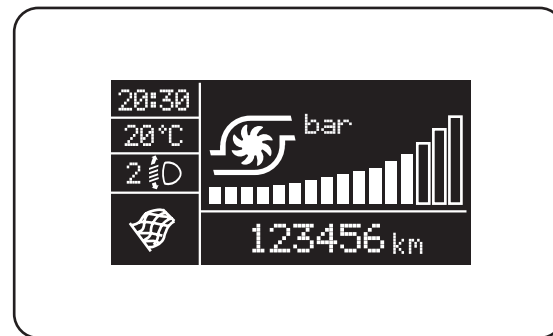


fig. 8

A0J0228m

GEAR SHIFT INDICATOR

(for versions/markets, where provided)

The “GSI” system (Gear Shift Indicator) advises the driver to change gear through the necessary indication on the instrument panel (see fig. 8a).

Through the GSI, where provided, the driver is notified that the gear change will allow a reduction in fuel consumption. Therefore, for driving geared toward cutting fuel consumption, it is recommended to stick to Normal or All Weather mode and to follow, traffic conditions permitting, the suggestions of the Gear Shift Indicator.

When the SHIFT UP (▲ SHIFT) icon is shown on the display the GSI suggests that the driver shift up a gear, whereas if the SHIFT DOWN (▼ SHIFT) icon is displayed, the driver is advised to shift down a gear.

NOTE The indication in the instrument panel remains on until the driver makes a gear change or until the driving conditions return to a situation where a gear change is not required to improve consumption.

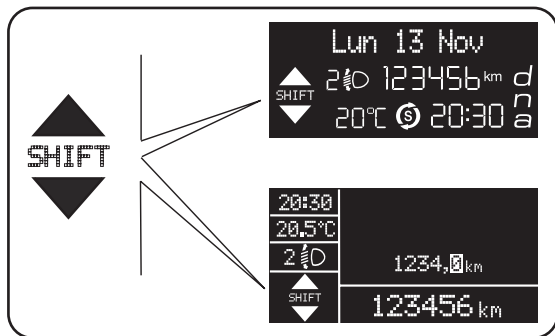


fig. 8a

A0J0233m



WELCOME MOVEMENT

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

- 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 vehicle.
- 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.

Display of graphic animation

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. 9/9a

“+” or “▲” (versions with Start&Stop system) To scroll the displayed menu and the related options upwards or to increase the displayed value

“MENU ESC”: press briefly to access the menu and/or go to next screen or confirm the required menu option. Hold down to go back to the standard screen.

“–” or “▼” (versions with Start&Stop system) to scroll the displayed menu and the related options downwards or to decrease the value displayed.

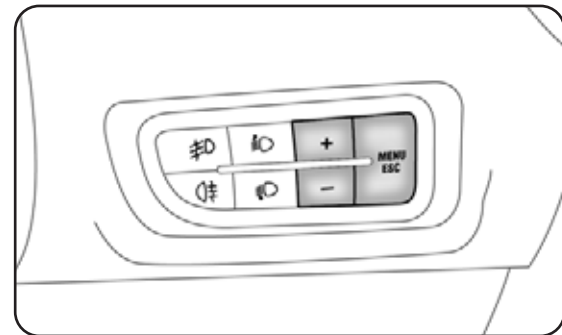


fig. 9

A0J0024m

WARNING The buttons "+" and "-" (or "▲" and "▼" for versions with Start&Stop system) activate different functions depending on the following situations:

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

With the ignition key removed, when a door is opened, the display is activated and shows the total mileage (in km or miles) for a few seconds.

SETUP MENU

The menu comprises a series of items which can be selected using the + and - (or "▲" and "▼" for versions with Start&Stop system) buttons to access the different selection and setting operations (setup) given in the following paragraphs. Some items also have a sub-menu. The setup menu can be activated by briefly pressing the MENU ESC button.

NOTE The following pages describe the buttons + and -. For the versions with Start&Stop system, the buttons are "▲" and "▼".

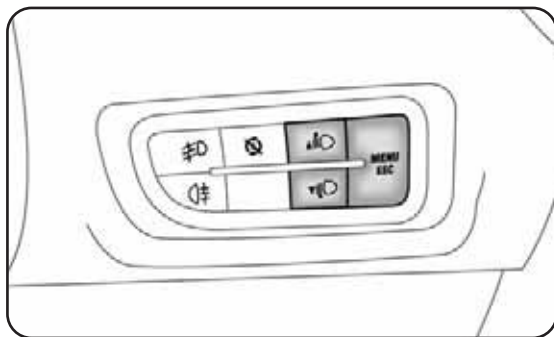


fig. 9a - Start&Stop system versions

A0J0276m



The menu includes the following items:

- MENU
- SPEED BEEP
- HEADL. SENSOR (for versions/markets, where provided)
- RAIN SENSOR (for versions/markets, where provided)
- TRIP B DATA
- SET TIME
- SET DATE
- FIRST PAGE (for versions/markets, where provided)
- SEE RADIO
- AUTOCLOSE
- UNITS
- LANGUAGE
- BUZZER VOLUME
- BUTTON VOL.
- BELT BUZZER
- SERVICE
- PASSENGER BAG
- DAY LIGHTS
- COURTESY LIGHTS
- EXIT MENU

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

Selecting a main menu item without submenu:

- Briefly press the button MENU ESC to select the main menu option you wish to set.
- press buttons + or — (by single presses) to select the new setting;
- briefly press the MENU ESC button to store the new setting and to go back to the main menu option selected previously.

Selecting a main menu item with submenu:

- briefly press the MENU ESC button to display the first submenu option;
- press buttons + or — (by single presses) to scroll all the submenu options;
- press briefly the MENU ESC button to select the displayed submenu option and to open the relevant setup menu;
- press buttons + or — (by single presses) to select the new setting for this submenu option;
- briefly press the MENU ESC button to store the new setting and to go back to the previously selected submenu option.

MENU ITEMS

Menu

This item allows you to access the Set-up Menu.
Press the + or – button to select the various Menu items.
Hold down the MENU ESC button to return to the standard screen.

Speed beep (Speed limit)

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

- briefly press the MENU ESC button, the display will show the words (Speed Beep);
- press button + or – to select speed limit activation (On) or deactivation (Off);
- when the function is activated (On), select the desired speed limit by pressing + or – and then press MENU ESC to confirm.

IMPORTANT The speed limit can be set at between 30 and 200 km/h, or 20 and 125 mph depending on the selected unit of measurement, see paragraph “Units of measurement”. The setting will increase/decrease by five units each time button +/– is pressed. Hold down the +/– button to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

– briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

To cancel the setting, proceed as follows:

- briefly press MENU ESC: (On) will flash on the display;
- press the – button: (Off) will flash on the display;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

**Headlight sensor (Automatic/dusk sensor headlights sensitivity adjustment)**

(for versions/markets, where provided)

This function enables the headlights to come on or go off depending on external lighting conditions.

The sensitivity of the dusk sensor 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 level 3 setting at sunset the headlights are expected to come on in respect of levels 1 and 2).

Proceed as follows to set:

- briefly press MENU ESC: the previously set level will flash on the display;
- press + or — to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

Rain sensor (Rain sensor sensitivity adjustment)

(for versions/markets, where provided)

With this function it is possible to adjust the rain sensor sensitivity according to 4 levels.

To set the required sensitivity level proceed as follows:

- briefly press MENU ESC: the previously set sensitivity level will flash on the display;
- press + or — to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

Trip B data (Trip B enablement)

Through this option it is possible to activate (On) or deactivate (Off) the Trip B (partial trip) display.

For further information see the "Trip computer" paragraph.

For activation / deactivation, proceed as follows:

- briefly press MENU ESC: (On) or (Off) will flash on the display (according to previous setting);
- press + or — to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

Set time (Clock)

With this function it is possible to set the clock through two sub-menus: "Time" and "Mode".

Proceed as follows:

- briefly press MENU ESC: the display will show two sub-menus "Time" and "Mode";
- press + or — to switch between the two sub-menus;
- once you have selected a sub-menu, press MENU ESC briefly;
- when accessing the "Time" submenu: briefly press MENU ESC: "hours" will flash on the display;
- press + or — to change the setting;
- briefly press MENU ESC: "minutes" will flash on the display;
- press + or — to change the setting.

IMPORTANT The setting increases or decreases by one unit each time + or — is pressed. Hold down the button to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you are close to the required setting.



- when accessing the “Mode” submenu: briefly press MENU ESC: the previously set display format will flash on the display;
- press + or — to select “24h” or “12h”.

When you have made the required settings, briefly press MENU ESC to go back to the sub-menu screen or hold the button down to go back to the main menu screen without storing the new settings.

- hold down MENU ESC 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 it is possible to update the date (day - month - year).

To update the date proceed as follows:

- briefly press MENU ESC: “year” will flash on the display;
- press + or — to change the setting;
- briefly press MENU ESC: “month” will flash on the display;
- press + or — to change the setting;
- briefly press MENU ESC: “day” will flash on the display;
- press + or — to change the setting.

IMPORTANT The setting increases or decreases by one unit each time + or — is pressed. Hold the button down to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

First page (Display of information on the initial screen)

(for versions/markets, where provided)

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

Proceed as follows:

- briefly press MENU ESC: “Initial page” will appear on the display;
- briefly press MENU ESC once again to show the display options: “Date” and “Engine info”;
- press + or – to select the information you wish to see on the main page of the display;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

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

See radio (Repeat audio information)

With this function the display repeats information relevant to the sound system.

- Radio: tuned radio station frequency or RDS message, automatic tuning activation or AutoStore;
- audio CD, MP3 CD: track number;
- CD Changer: CD number and track number.

To display (On) or remove (Off) radio system info proceed as follows:

- press MENU ESC briefly: (On) or (Off) will flash on the display (according to previous setting);
- press + or – to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.



Autoclose (Automatic door lock operation with car running)

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

Proceed as follows to switch this function on or off:

- briefly press MENU ESC to display a submenu;
- briefly press MENU ESC: (On) or (Off) will flash on the display (according to previous setting);
- press + or – to change the setting;
- briefly press the MENU ESC button to go back to the submenu screen or hold the button down to go back to the main menu screen without storing the new settings;
- hold down MENU ESC to go back to the standard screen or main menu, depending on which point in the menu you have reached.

Units (Set unit of measurement)

This function may be used to set the units of measurement via three submenus: “Distances”, “Fuel consumption” and “Temperature”.

To set the required unit of measurement proceed as follows:

- briefly press MENU ESC to display the three sub-menus;
- press + or – to switch between the three sub-menus;
- once you have selected a sub-menu you wish to update, press MENU ESC briefly;
- when accessing the “Distance” submenu: briefly press MENU ESC: either “km” or “mi” will appear on the display (according to the previous setting);
- press + or – to change the setting;
- when accessing the “Fuel consumption” submenu: briefly press MENU ESC: either “km/l”, “l/100km” or “mpg” will appear on the display (according to the previous setting);

if the distance unit of measurement is set as "km", the display enables the setting of the fuel consumption unit (km/l or l/100) to show the amount of fuel consumed.

If the distance unit of measurement is set as "mi" the fuel consumption unit of measurement will be displayed in "mpg".

- press + or — to change the setting;
- when accessing the "Temperature" submenu: briefly press MENU ESC: either "°C" or "°F" will appear on the display according to the previous setting;
- press + or — to change the setting;

When you have made the required settings, briefly press MENU ESC to go back to the sub-menu screen or hold the button down to go back to the main menu screen without storing the new settings.

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

Language (Selecting the language)

Messages on the display can be shown in the following languages: Italian, English, German, Portuguese, Spanish, French, Dutch, Turkish and Brazilian

To set the required language proceed as follows:

- briefly press MENU ESC: the previously set "language" will flash on the display;
- press + or — to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.



Buzzer volume (Adjusting the failure/warning buzzer volume)

With this function the volume of the buzzer accompanying any failure/warning indication can be adjusted (according to 8 levels).

To adjust the volume proceed as follows:

- briefly press MENU ESC: the previously set volume level will flash on the display;
- press + or — to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

Button vol. (Button volume adjustment)

With this function it is possible to adjust (to eight levels) the volume of the acoustic signal sounding when the MENU ESC 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 MENU 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 MENU 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 buzzer (Buzzer activation for S.B.R. indication)

This function can only be displayed after an Alfa Romeo Authorised Service has deactivated the S.B.R. system (see the paragraph on "S.B.R. system" in chapter 2).

Service (Scheduled servicing)

This function allows you to view information on car servicing depending on kilometres travelled or daily intervals.

With the Service function it is also possible to view the interval (in kilometres or miles) before the next engine oil change is due.

This information can be consulted as follows:

- briefly press MENU ESC: the display shows service requirements in km or mi according to the previous setting (see paragraph “Distance unit of measurement”);
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen.

IMPORTANT The “Planned Maintenance Programme” requires the vehicle to be serviced every 30,000 km (for petrol versions), or every 35,000 km (for diesel versions). This message is displayed automatically when the key is turned to MAR, from 2,000 km (or equivalent value in miles) from the mileage when the next service is due and is re-displayed every 200 km (or equivalent value in miles). The indications will appear more frequently when there are less than 200 km left. The indication will appear in kilometres or miles according to the unit of measurement settings. When the next scheduled service operation is approaching, the message “Service” will appear on the display followed by the number of kilometres or miles left, when the key is turned to MAR. Go to an Alfa Romeo Authorised Service where the “Scheduled Service” operations will be performed and the message will be reset.



Passenger bag (Activation/Deactivation of passenger-side front Air bag and Side bag to protect chest/pelvis area)

This function can be used to activate/deactivate the passenger-side air bag.

Proceed as follows:

- briefly press MENU ESC and, after displaying the message “Bag pass: Off) (to deactivate) or Bag pass: On) (to activate) by pressing the buttons + and —, press the MENU ESC again;
- the confirmation request message will be displayed;
- press + or — to select (Yes) (confirming activation/deactivation) or (No) (to abort);
- briefly press MENU ESC to confirm the setting and go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

Day lights (D.R.L.)

This function allows you to activate/deactivate the daylight lights. Proceed as follows to switch this function on or off:

- briefly press MENU ESC to display a submenu;
- briefly press MENU ESC: (On) or (Off) will flash on the display (according to previous setting);
- press + or — to change the setting;
- briefly press the MENU ESC button to go back to the submenu screen or hold the button down to go back to the main menu screen without storing the new settings;
- hold down MENU ESC to go back to the standard screen or main menu, depending on which point in the menu you have reached.

Courtesy lights (Activation/deactivation of "Courtesy lights")

(for versions/markets, where provided)

This function allows the side lights, number plate lights and internal courtesy lights to be lit up for approximately 25 seconds when the doors or luggage compartment are opened using the remote control, with the following exceptions:

- interruption after 5 seconds following doors closure
- interruption following a locking operation using the remote control
- interruption following any operation using the remote control

To activate / deactivate this function, proceed as follows:

- briefly press MENU ESC: "On" or "Off" will flash on the display (according to previous setting);
- press + or - to change the setting;
- briefly press the MENU ESC button to go back to the menu screen or hold the button down to go back to the standard screen without storing the new settings.

Exit Menu

This is the last function that closes the setting cycle listed in the initial menu screen. Briefly press MENU ESC to go back to the standard screen without storing new settings. Press - to return to the first menu item.

TRIP COMPUTER

GENERAL FEATURES

The "Trip computer" is used to display information on car operation when the key is turned to MAR. This function allows you to define two separate trips called "Trip A" and "Trip B" to monitor the car's complete mission (trip) in a mutually independent manner. Both functions can be reset (reset - start of new mission).

"Trip A" can be used to display figures relating to:

- Range
- Distance travelled
- Average fuel consumption
- Instantaneous fuel consumption
- Average speed
- Travel time (driving time).

The "Trip B" function is used to display information relating to:

- Distance travelled B
- Average fuel consumption B
- Average speed B
- Travel time B (driving time).

"Trip B" functions may be excluded (see paragraph on "Trip B on"). "Range" and "Instantaneous fuel consumption" cannot be reset.



Values displayed

Range

Approximately indicates the distance the vehicle can travel with the present amount of fuel in the tank.

The message “- - -” will appear on the display in the following cases:

- range value lower than 50 km (or 30 mi)
- car left parked with the engine running for a long time.

IMPORTANT Changes in the range value can be affected by many factors: driving style, type of route (motorway, urban road, mountain road, etc.), vehicle use conditions (load being carried, tyre inflation pressure, etc.). The above notes should therefore be taken into consideration when planning a trip.

Distance travelled

This value shows the distance covered from the start of the new mission.

Average fuel consumption

This value shows the approximate average fuel consumption from the start of the new mission.

Instantaneous fuel consumption

This indicates any change in 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 of the car based on the overall time elapsed since the start of the new mission.

Trip time

This value shows the time elapsed since the start of the new mission.







Information displayed

Each time a value is displayed, the following information is shown:

- animated icon in the upper part of the display (A-fig. 10);
- the word "Trip" (or "Trip A" or "Trip B") (B);
- the name, value and unit of measurement of the selected parameter (e.g. "Range 1500 km") (C).

After a few seconds the name and value of the selected parameter is replaced by an icon (see fig. 11).

The icons relating to the various parameters are as follows:

-  "Range";
-  "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);
-  "Instantaneous fuel 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);

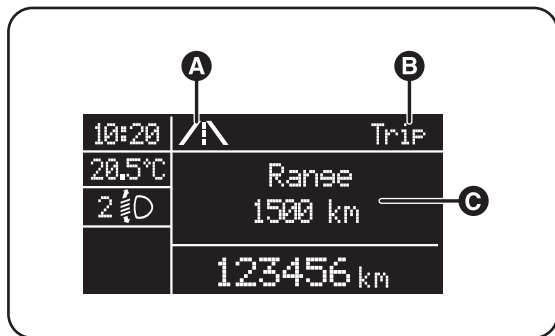


fig. 10

A011223g

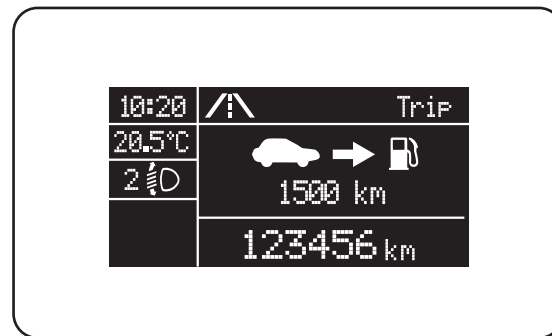


fig. 11

A010033m



TRIP 0.00 button

This is located on the right-hand lever fig. 12. With the ignition key turned to MAR, this button allows you to view the previously described parameters and also zero them to begin a new mission:

- brief press: display parameters;
- prolonged press: reset parameters and start a new mission.

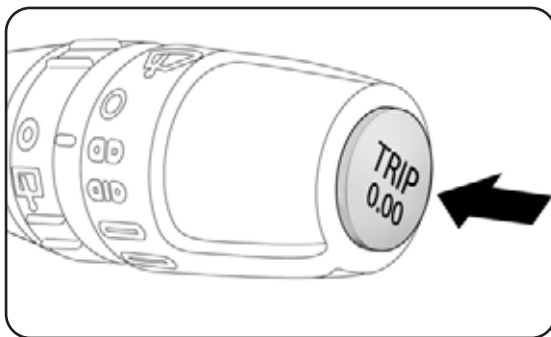


fig. 12

A0J0077m

New mission

The new mission begins after:

- “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);
- disconnection/reconnection of the battery.

IMPORTANT If the reset operation is carried out when “Trip A” is being displayed, only the information associated with this function is reset.

IMPORTANT If the reset operation is carried out when “Trip B” is being displayed, only the information associated with this function is reset.

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.

SYMBOLS

Some vehicle components have coloured labels whose symbols indicate precautions to be observed when using this component. There is also a label under the bonnet that summarises all the symbols.

ALFA ROMEO CODE SYSTEM


This is an electrical engine locking system which increases protection against an attempted theft 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



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

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. If the code is not recognised correctly during ignition, the  warning light comes on in the instrument panel. In this case turn the key to STOP and then to MAR; if the lock persists try again with the spare set of keys. If you are still unable to start the engine contact an Alfa Romeo Authorised Service.



Warning light comes on when driving

- If the  warning light comes on, this means that the system is running a self-diagnosis test (caused, for example, by a voltage drop).
- If the  warning light remains on, contact an Alfa Romeo Authorised Service.



The electronic components inside the key may be damaged if the key is submitted to sharp knocks.

THE KEYS

CODE CARD

(for versions/markets, where provided)

A CODE card fig. 13 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 vehicle.

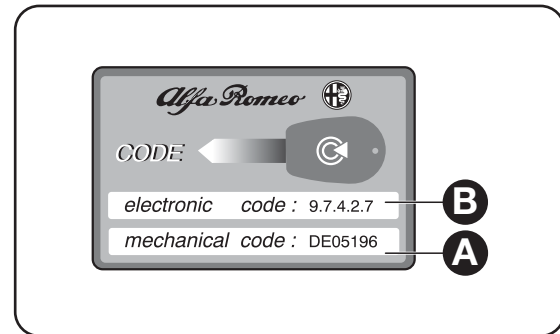


fig. 13

A0J0212m

KEY WITHOUT REMOTE CONTROL

The metal insert A-fig. 14 operates:

- the ignition switch;
- the door locks;
- the opening and closing of the fuel cap.

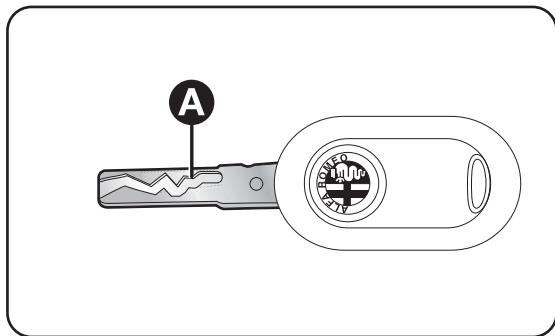


fig. 14

A0J0211m

KEY WITH REMOTE CONTROL

(for versions/markets, where provided)

The metal insert A-fig. 15 operates:

- the ignition switch;
- the door locks;
- the opening and closing of the fuel cap.

Press button B to open/close the metal insert.



Press button B-fig. 15 only after moving 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, because someone, a child especially, may accidentally press the button while handling the key.

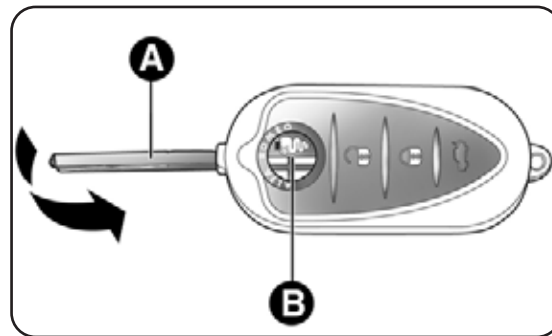



fig. 15

A0J0072m



Door and luggage compartment lock release

Briefly press button : door and luggage compartment lock release, timed lighting of interior courtesy lights and double flashing of direction indicators (for versions/markets, where provided). Door locks are automatically released in the event of the intervention of the fuel cut-off system.

Once the doors are locked, if one or more doors or the luggage compartment are not closed correctly, the led and direction indicators start flashing quickly.

Door and luggage compartment locking


Briefly press button : door and luggage compartment locking with switching off of interior courtesy lights and single flashing of direction indicators (for versions/markets, where provided).

If one or more doors are open, the doors will not be locked. This situation is indicated by a rapid flashing of the direction indicators (for versions/markets, where provided). If the luggage compartment is open, the doors will, however, be locked.

When a speed of over 20 km/h is reached, the doors are automatically locked if this specific function was set (only on versions with multi-functional reconfigurable display).

When locking the doors, led A-fig. 16 switches on for several seconds and then starts flashing (deterrence function).

Opening the luggage compartment

Press the  button to open the luggage compartment from a distance. Luggage compartment opening is indicated by double flashing of direction indicators.

REQUESTING ADDITIONAL REMOTE CONTROLS

The system acknowledges up to 8 remote controls. If you ever require a new remote control, contact an Alfa Romeo Authorised Service and bring your CODE card (for versions/markets, where provided), some ID and the vehicle ownership documents with you.

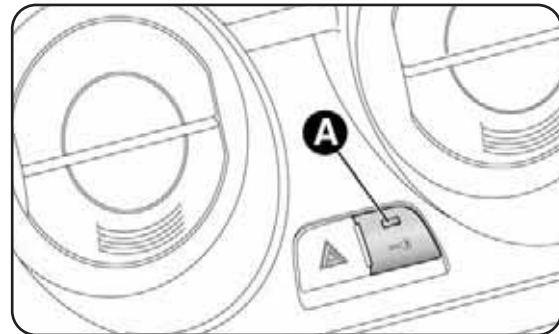




fig. 16

A0J0027m

REPLACING THE BATTERY IN THE KEY WITH REMOTE CONTROL

Proceed as follows:

- press button A-fig. 17 and bring the metal insert B into the open position; turn screw C  using a small point screwdriver;
- remove the battery holder case D and replace battery E respecting the polarity; reinsert case D into the key and secure it by turning screw C 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, which will take care of their disposal.

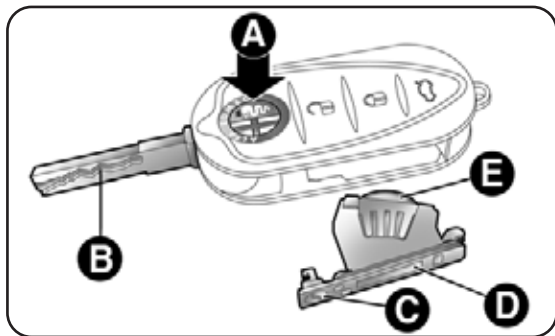


fig. 17

A0J0073m




SAFE LOCK DEVICE

(for versions/markets, where provided)

This safety device inhibits the operation of the interior door handles and the door locking/unlocking button. We recommend that you activate this device each time you park your car.

Engaging the system

The system is enabled on all the doors by quickly double-pressing the  button on the key.

The engagement of the system is indicated by three flashes of the direction indicators and the flashing of LED A-fig. 18. The device will not engage if one or more doors are not closed correctly.

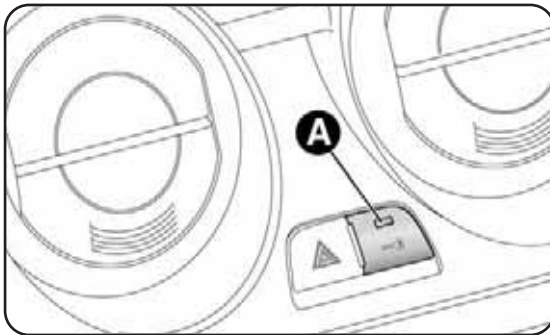



fig. 18

A0J0027m

Disengaging the system






The system disengages automatically by:

- opening the driver-side door using the metal insert;
- pressing the  button on the remote control;
- turning the ignition key to MAR.



Once the safe lock system is engaged it is impossible to open the doors from inside the vehicle. Before engaging the system please therefore check that there is no one left on board. If the battery in the key with the remote control is flat, the device may only be turned off by inserting the metal part of the key into the door catch.

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

Type of key	Unlocking the doors	Locking the doors from the outside	Safe lock activation (for versions/ markets, where provided)	Tailgate opening	Windows down (for versions/ markets, where provided)	Windows up (for versions/ markets, where provided)
Key without remote control	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 down (for more than 2 seconds) button 	Hold down (for more than 2 seconds) button 
Direction indicators flashing (only for key with remote control)	blinks twice	blinks once	3 blinks	blinks twice	blinks twice	blinks once
Deterrence led	Off	Turning on glowing steadily for about 3 seconds followed by deterrence flashing	Double flashing, followed by deterrence flashing	Deterrent flashing	Off	Deterrence LED blinks

IMPORTANT The windows will be opened when the doors are unlocked; the windows will be closed when the doors are locked.



ALARM (for versions/markets, where provided)

ALARM TRIPPING

The alarm trips in the following cases:

- illegal opening of doors/bonnet/luggage compartment (perimeter protection);
- illegal operation of ignition system (ignition key rotated to MAR);
- when the battery cables are cut;
- when someone is moving inside the passenger compartment (volume-sensing protection);
- anomalous lifting/tilting of the vehicle (for versions/markets, where provided).

The tripping of the alarm is indicated by a sound and a visual display (flashing of the direction indicators for several seconds). The alarm triggering methods may vary according to the market. There is a maximum number of acoustic/visual cycles. When this is reached the system returns to normal operation.

IMPORTANT The engine inhibitor 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.

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

Before the alarm is enabled, a self-diagnosis test is run. In the event of a fault, the system emits a further acoustic and/or visual warning via the LED on the dashboard.

If after the alarm is activated, a second acoustic warning is emitted and/or the LED on the dashboard flashes, wait about 4 seconds and then deactivate the alarm by pressing , check that the doors, bonnet and luggage compartment are closed correctly and then reactivate the system by pressing .

If the alarm produces an acoustic signal even when the doors, bonnet and boot are correctly closed, a failure has occurred in system operation. Contact an Alfa Romeo Authorised Service.

SWITCHING OFF THE ALARM

Press the  button. The following operations are performed (excluding some versions for specific markets):

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

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

VOLUME SENSING/ANTI-TILT PROTECTION

To guarantee the correct operation of the protection, close the side windows and any sunroof completely (for versions/markets, where provided).

To disable the function press button A-fig. 20 before activating the alarm. The deactivation of the function is indicated by the LED on button A flashing for several seconds.

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

DISABLING THE ALARM

To permanently disable the alarm (e.g. during a lengthy period of idleness), lock the vehicle 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 goes flat or the system fails, the alarm can be switched off by placing the key in the ignition switch and turning it to MAR.

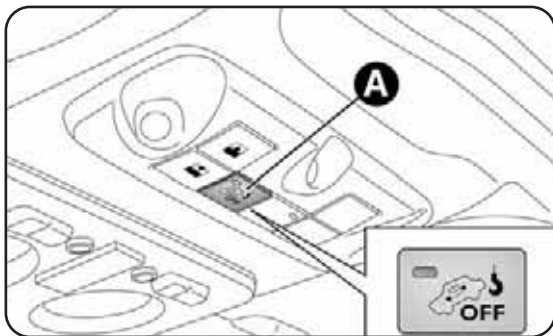


fig. 20

A010224m



IGNITION DEVICE

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

- STOP: the engine is off, the key can be extracted, the steering is locked. Some electrical devices (e.g. car radio, central door locking system, alarm, etc.) are enabled;
- MAR: driving position. All electrical devices are enabled;
- AVV: engine start-up.

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 as soon as possible.



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.

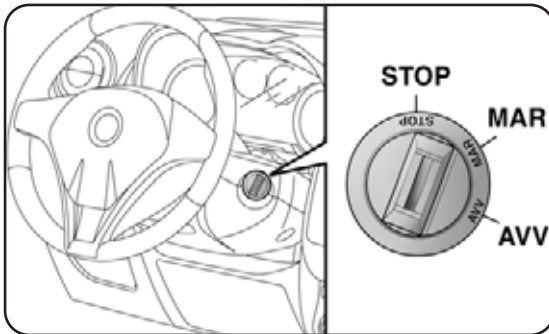


fig. 21

A0J0031m

STEERING COLUMN 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 as you turn the ignition key to MAR.



It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device). 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 vehicle is moving. The steering wheel would lock as soon as the steering wheel is turned. This also applies to cases in which the car is towed.

SEATS

FRONT SEATS fig. 22



All adjustments must be made with the car stationary.

Longitudinal adjustment

Lift lever A and push the seat forwards or backwards: your arms should rest on the steering wheel rim while you are driving.



After releasing the adjustment lever, always check that the seat is locked on the runners 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.

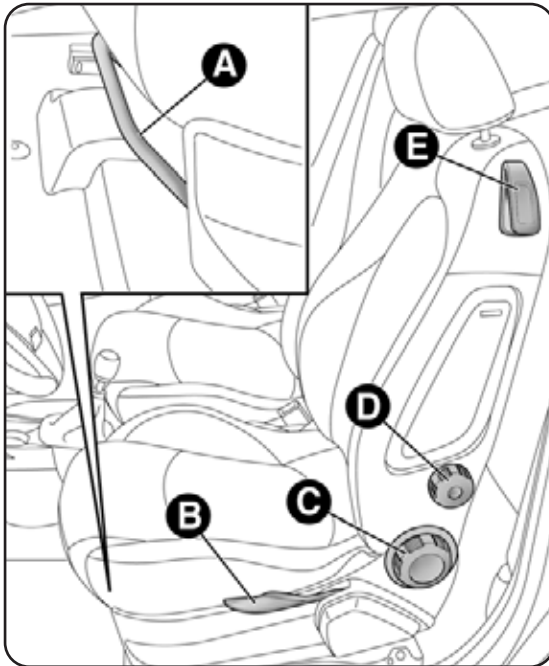


fig. 22

A0J0078m

Adjusting backrest inclination

Rotate knob C until the required position is reached.



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.

Lumbar adjustment

(for versions/markets, where provided)

Rotate knob D until the required position is reached.

Backrest tilt

To access the rear seats lift handle E upwards: this tilts the backrest and you can then slide the seat forward by pushing the backrest.

Moving back the back rest will return the seat to its original position.



Check that the seat is firmly locked in the runners by trying to move it back and forth.

Seat warming

(for versions/markets, where provided)

With the key turned to MAR, press buttons A or B-fig. 23 to activate/deactivate the function. When the function is enabled, the LED on the buttons will light up.

EASY ENTRY

This function allows easy access to the rear seats.

To reach the rear seats, lift up handle E-fig. 22 and move the seat backrest forward: the seat will automatically move forward.

Bringing the backrest back to its normal position will move the seat back to its original position.

If the backrest encounters an obstacle when moving back (e.g. the knees of the passenger in the back seat), the seat will stop, move forwards by a few centimetres and then stop in this position.

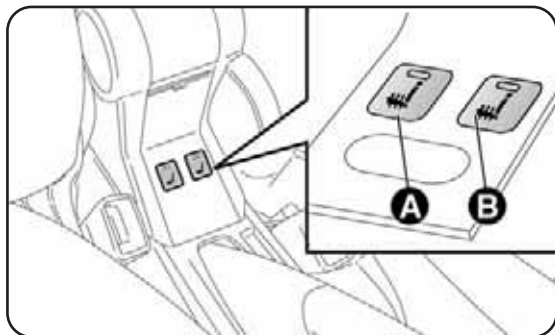


fig. 23

A0J0253m



HEAD RESTRAINTS

FRONT HEAD RESTRAINTS

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

- upward adjustment: raise the head restraint until you hear it click
- downward adjustment: press button A-fig. 24 and lower the head restraint.

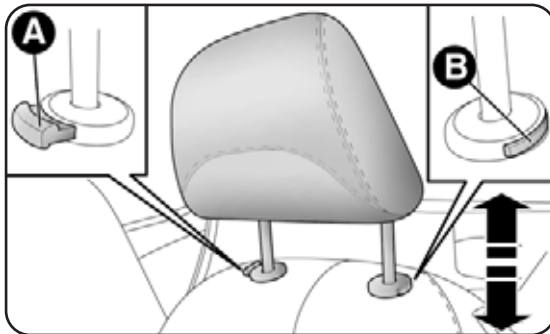


fig. 24

A0J0130m

To remove the head restraint:

- raise the head restraint to its maximum height;
- press buttons A and B-fig. 24 and then remove the head restraint by sliding it upwards.



Remember that the head restraints should be adjusted to support the back of your head and not your neck. Only in this position do they exert their protective action.

“Anti-Whiplash” device

The head restraints are equipped with an “Anti-Whiplash” device, which is able to reduce the distance between the passenger’s head and the head restraint in the event of a rear impact, thus mitigating the “whiplash” effect.

If pressure is exerted on the backrest at torso or hand height the head restraint may move: this behaviour is caused by the system and should not be considered a malfunction.

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 restraint to its maximum height;
- press button A fig. 25 and then remove the head restraint by sliding it upwards.

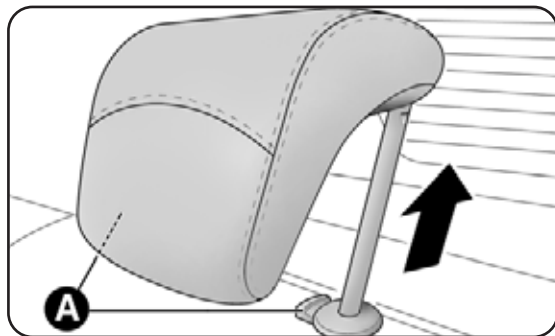


fig. 25

A0J0083m

STEERING WHEEL

The steering wheel can be adjusted axially and vertically.

To carry out the adjustment: release lever A-fig. 26 by pushing it forward (position 1) and adjust the steering wheel. Then lock lever A by pulling it towards the steering wheel (position 2).



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

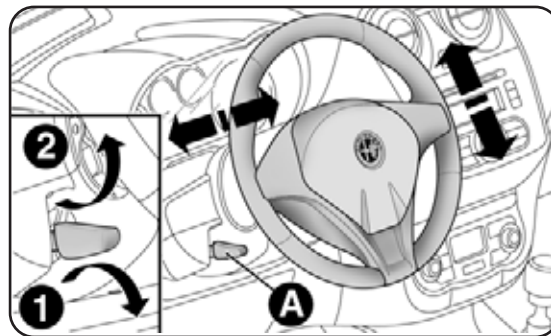


fig. 26

A0J0034m



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

REARVIEW MIRRORS

INTERNAL MIRROR

Operate lever A-fig. 27 to adjust the mirror into two different positions: normal or antiglare.

Some versions are equipped with an electro-chrome mirror with an ON/OFF fig. 27a switch to activate/deactivate the electro-chrome function. Engaging reverse gear automatically sets the mirror for daylight use.

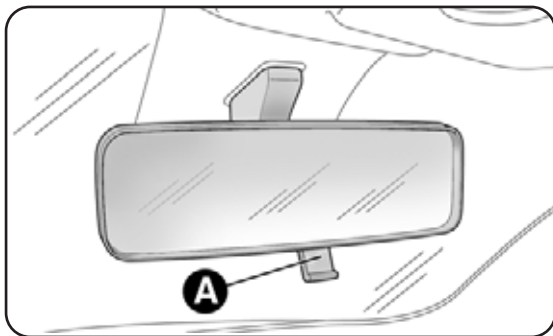


fig. 27

A0J0108m

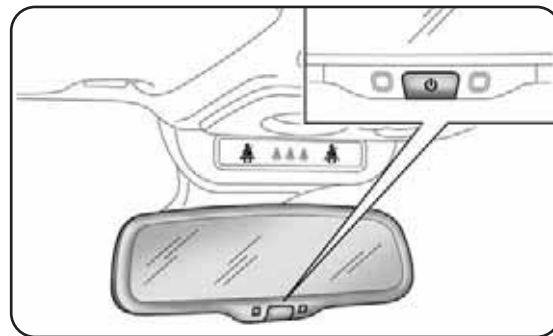


fig. 27a

A0J0336m

DOOR MIRRORS



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

Adjusting the mirror

Door mirrors can be adjusted/folded away only if the ignition key is in the MAR position. Select the mirror you wish to adjust using device A-fig. 28:

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

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

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

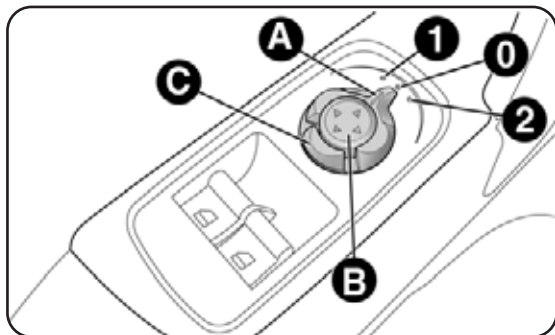


fig. 28

A0J0022m

Electric mirror folding

(for versions/markets, where provided)

To fold back the mirrors press button C-fig. 28. Press the button once again to bring the mirrors back to the driving position.

Manual mirror folding

If required, the mirrors can be folded back manually from position 1-fig. 29 to position 2.

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

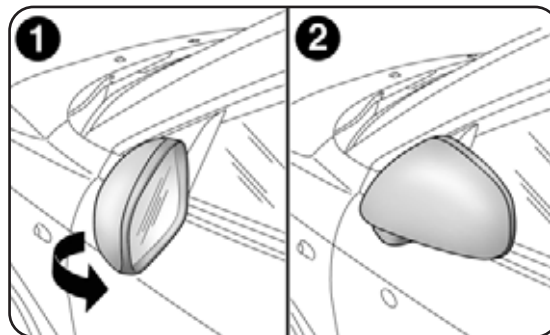


fig. 29

A0J0035m



CLIMATIC COMFORT

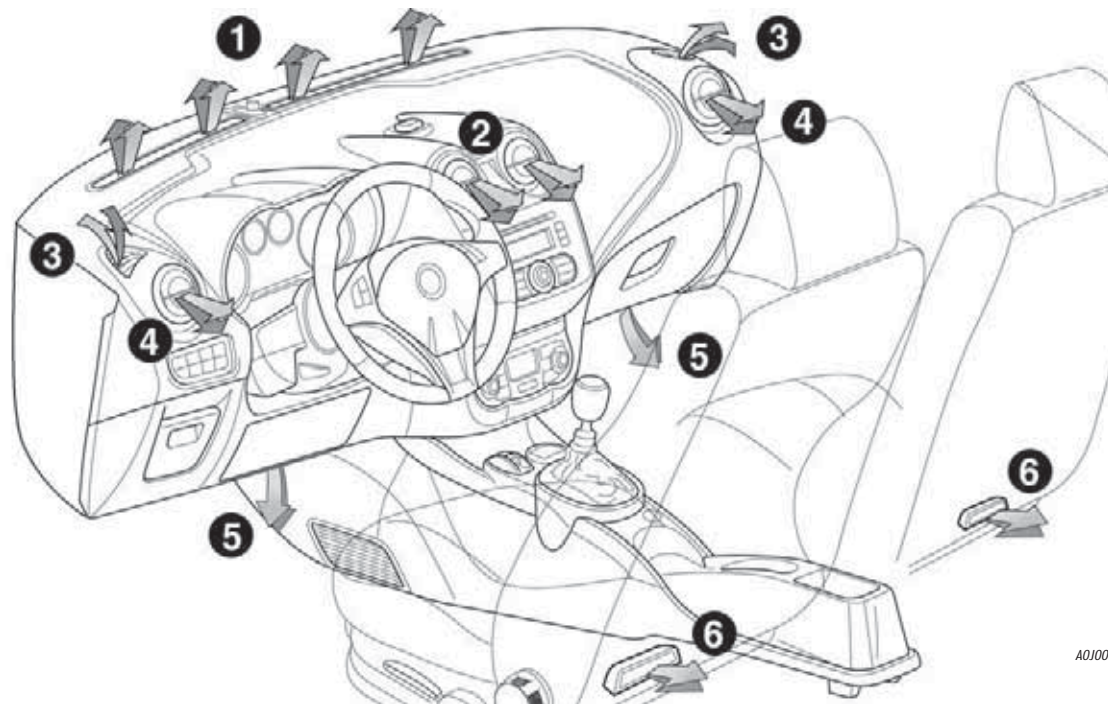


fig. 30

A010036m

VENTS fig. 30

1. Fixed upper vent - 2. Adjustable central vents - 3. Fixed side vents - 4. Adjustable side vents - 5. Lower vents for front seats - 6. Lower vents for rear seats.

HEATING/CLIMATE CONTROL SYSTEM

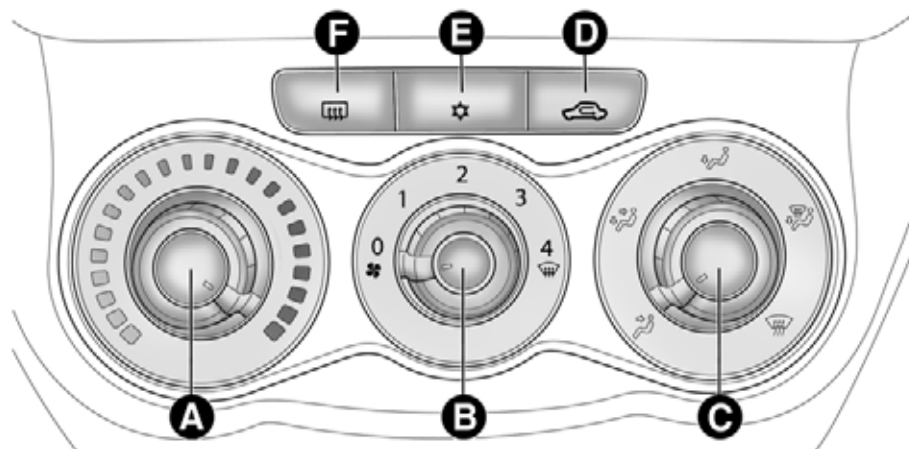


fig. 31

A010074m

CONTROLS fig. 31


- A Air temperature adjustment knob
(red = hot/blue = cold);
- B Fan activation/speed adjustment knob
- ✿ 0 = fan off
- 1-2-3 = fan speed
- 4 = maximum fan speed
- C air distribution knob
- air flow towards driver/passenger;

- air flow towards driver/passenger and feet area;
- air flow towards front and rear feet area;
- air flow towards feet area and windscreen;
- air flow towards windscreen
- D Air recirculation on/off button
- E climate control on/off button
(only versions with manual climate control system)
- F heated rear windscreen on/off button





PASSENGER COMPARTMENT VENTILATION

Proceed as follows to adjust the ventilation:

- turn knob A to the blue section;
- press button D to disable the air recirculation system (the LED on the button should be off);
- turn knob C to ;
- turn knob B to the required speed.

CLIMATE CONTROL (cooling) (only present on versions with manual climate control)

Proceed as follows to cool the passenger compartment:

- turn knob A to the blue section;
- press button D to enable the air recirculation system (the LED on the button should be on);
- turn knob C to ;
- press button E to switch on the climate control system and turn knob B to at least 1 (1st speed); to cool the passenger compartment more quickly; turn knob B to 4  (maximum fan speed).

Adjusting cooling

- turn knob A to the right to increase the temperature;
- press button D to disable the air recirculation system (the LED on the button should be off);
- turn knob B to reduce the fan speed.



WARMING THE PASSENGER COMPARTMENT

Proceed as follows:

- turn knob A to the red section;
- turn knob C to the desired symbol;
- turn knob B to the required speed;

Rapid heating

Proceed as follows to rapidly heat the passenger compartment:

- turn knob A to the red section;
- press button D to enable the air recirculation system;
- turn knob C to ;
- turn knob B to 4  (maximum fan speed).



Then use the controls to maintain the required comfort conditions and press button D to turn air recirculation off (button led off) and to prevent misting up.

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

FRONT WINDOW FAST DEMISTING/DEFROSTING (WINDSCREEN AND SIDE WINDOWS)

The climate control system is very useful to make window demisting faster. Adjust the controls as described previously and switch on the climate control system by pressing button E.



Proceed as follows:

- turn knob A to the red section;
- turn knob B to 4  (maximum fan speed);
- turn knob C to ;
- press button D to disable the air recirculation system (the LED on the button should be off);

After demisting/defrosting, operate the controls to restore the required comfort.


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, perform the following preventive demisting procedure:

- turn knob A to the red section;
- press button D to disable the air recirculation system (the LED on the button should be off);
- turn knob C to  with the possibility of moving it to position  if demisting does not take place
- turn knob B to the 2nd speed.




DEMISTING/DEFROSTING OF HEATED REAR WINDSCREEN

Press button F () to activate/deactivate the function. The function is automatically deactivated after 20 minutes.

For versions/markets, where fitted, pressing the () button also activates the defrosting and defogging of the external rearview mirrors, the heated windscreen (where fitted) and the heated spray nozzles (where fitted).

IMPORTANT Do not affix stickers to the inside of the rear window over the heating filaments to avoid damage that might cause it to stop working properly.

AIR RECIRCULATION

Press button D () 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 inside.

LOOKING AFTER THE SYSTEM

Run the climate control system for at least 10 minutes every month during the winter. Have the system checked by an Alfa Romeo Authorised Service before the summer.

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

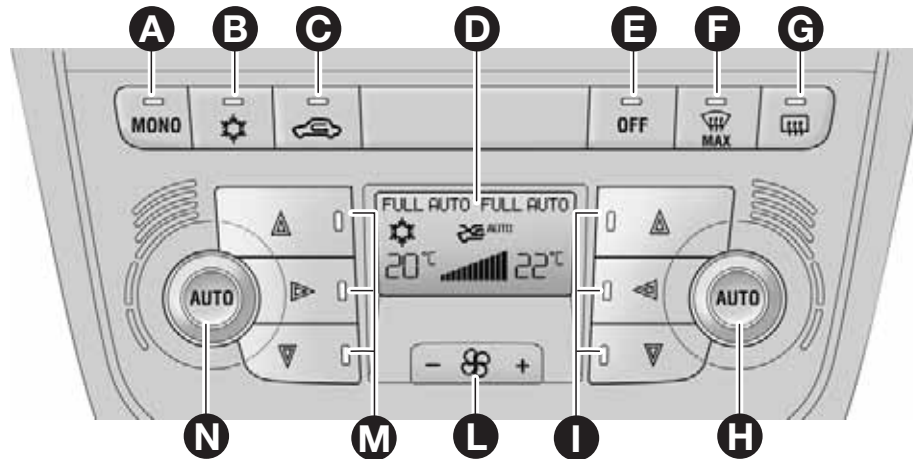


fig. 32

A0J0037m

CONTROLS fig. 32

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A button for activating the MONO function (alignment of set temperatures) driver/passenger;</p> <p>B climate control compressor on/off button;</p> <p>C air recirculation system on/off button;</p> <p>D display;</p> | <p>E climate control system off button;</p> <p>F button for activating the MAX-DEF function (fast front window defrosting/demisting);</p> <p>G heated rear windscreen on/off button;</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



- H AUTO function activation button (automatic operation) and passenger-side temperature adjustment knob;
- I air distribution button on passenger side;
- L fan speed increase/decrease;
- M Air distribution button on driver side;
- N AUTO (automatic operation) function activation button and knob for adjusting temperature on driver side.

DESCRIPTION

The two-zone automatic climate control system regulates the temperature in the passenger compartment in two areas: the driver's side and the passenger's side. In other words, the system keeps the comfort level inside the car constant and compensates for any variations in external conditions, including sun radiation detected by a specific sensor.

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);
- compressor fan on (for cooling/dehumidifying the air);
- air recirculation.

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

Manual selections always have higher priority than automatic settings and are stored until the user switches the system back to automatic control by pressing AUTO, except for cases in which the system intervenes for safety reasons.

You can adjust one function manually without affecting the automatic control of 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 be programmed manually :




- air temperature on driver's/passenger's side;
- fan speed (continuous variation);
- air distribution to 7 positions (driver/passenger);
- climate control compressor ON;
- single-zone/two-zone distribution priority;
- fast demisting/defrosting function;
- air recirculation;
- heated rear windscreen;
- system deactivation.

SWITCHING ON THE CLIMATE CONTROL SYSTEM

The system can be switched on in several ways: we recommend pressing one of the AUTO buttons and turning the knob to the required temperature. It is also possible to select different temperatures for the driver and passenger side to a maximum temperature difference of 7°C.

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.

Manual intervention is only required for the following functions during fully automatic operation:

- MONO, to align the air temperature and distribution set on the passenger's side with that on the driver's side;
-  air recirculation (to keep it always on or always off);
-  to speed up demisting/defrosting of windscreen, rear window and external rearview mirrors;
-  to demist/defrost the heated rear windscreen and door mirrors.

During automatic operation the set temperatures, the air distribution and fan speed can be changed at any time using the corresponding buttons or knobs: the system will automatically change the settings to adapt to the new request.

During fully automatic operation (FULL AUTO), the word FULL will disappear if the air distribution, air speed, 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 knob N or H to the right or left to adjust the air temperature: knob N for the front left-hand area, knob H 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 areas: to set the same temperature turn knob N.

To return to separate management of air temperature and distribution between the two areas, turn knob N or H or press the MONO button once again (the LED on the button should be lit up).

Turn the knobs fully clockwise or counter-clockwise to engage respectively HI (maximum heating) or LO (maximum cooling). To deactivate these functions, rotate the temperature knob to the desired temperature.



SETTING THE AIR DISTRIBUTION

By pressing these buttons you can manually choose between 7 possible air distribution settings for the right and left-hand side of the passenger compartment:

- ▲ 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 foot well vents. This air distribution mode heats the passenger compartment most quickly, giving a prompt sensation of warmth.
- ▶ ▼ Air flow distributed between foot well vents (hotter air) and central and side dashboard vents (cooler air). This distribution mode is particularly 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 allows an adequate warming of 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 allows air to be sent to the windscreen in conditions of strong sunlight.
- ▲ ▼ Air flow distribution to all vents on the vehicle.
- ▶ ▼

In FULL AUTO mode the climate control system automatically manages the air distribution; the LEDs on the I and M buttons should be 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 is pressed for a function that is active, the operation is cancelled and the corresponding LED goes off. To restore automatic air distribution control after making a manual setting, press the AUTO button.

When the driver selects air distribution to the windscreen, the air distribution on the passenger's side is also aligned to the windscreen. The passenger can select a different distribution mode by pressing the corresponding buttons.

REGULATING THE FAN SPEED

Press button L to increase/decrease the fan speed. The fan speed is shown by the lit-up bars on the display:

- max fan speed = all bars lit up;
- min fan speed = one bar lit up.

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

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

AUTO BUTTONS

Press the AUTO buttons to make the system automatically adjust the quantity and distribution of the air introduced into the passenger compartment. All previous manual settings will be cancelled. This condition is indicated by the words FULL AUTO on the display.

By manually adjusting at least one of the functions automatically managed by the system (air recirculation, fan speed or compressor on/off), the word FULL will disappear from the display, indicating that the system is no longer automatically controlling all the functions (the temperature will still be controlled automatically by the system).

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 and after approximately 1 minute the word AUTO will disappear.

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

THE MONO BUTTON



Press the MONO button to align the passenger-side air temperature with that of the driver's side. In this way it is also possible to set the air distribution between the two areas by turning knob N. This function makes temperature regulation easier when the driver is travelling alone.

To return to separate management of the air temperature and distribution, turn knob H to set the temperature for the passenger side or press the MONO button (the LED on the button should be lit up).



AIR RECIRCULATION

Air recirculation works according to the following operating logics:

- automatic engagement: press one of the AUTO buttons. Engagement is indicated by the word AUTO appearing on the display;
- forced engagement (air recirculation always on): this is indicated by the LED on button C lighting up and by the symbol  appearing on the display;
- forced disengagement (air recirculation always off, air drawn from the outside): this is indicated by the LED on button C going out and by the symbol  appearing on the display; Forced engagement/disengagement can be selected by pressing button C.

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 is controlled automatically by the system according to outside environmental conditions. When manual recirculation is set, the word FULL disappears from the display and AUTO disappears from the icon.



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

CLIMATE CONTROL SYSTEM COMPRESSOR

Press button B to activate/deactivate the compressor. The deactivation of the climate control compressor remains in the system memory even when the engine has been stopped.

When the compressor is switched off the system deactivates air recirculation to prevent the windows from misting up. In this case, although the system is capable of maintaining the required temperature, the word FULL will disappear from the display. If, however, the system is unable to maintain the required temperature, the temperature indication flashes and the word AUTO disappears.

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.

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

With climate control 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 and the word AUTO will disappear;
- the fan speed can be manually reset.

With the compressor on and the engine running, the fan speed cannot be lower than one bar on the display.

RAPID WINDOW DEMISTING/DEFROSTING (MAX-DEF function)

Press button F to activate rapid windscreen and side window demisting/defrosting. The climate control system carries out the following operations:

- switches on the climate control compressor when climatic conditions allow;
- disables air recirculation;
- sets maximum air temperature (HI) in both areas;
- engages the fan at a speed based on the engine coolant temperature;
- directs air flow to the windscreen and front side window vents;
- switches on the heated rear windscreen.


IMPORTANT the MAX-DEF function remains on for approximately 3 minutes from the moment the engine coolant reaches a suitable temperature.

When the function is engaged the words FULL AUTO disappear from the display. With the function activated the only possible manual adjustments are the regulation of the fan speed and the disengagement of the heated rear windscreen.

Pressing buttons B, C, F or AUTO switches off the MAX-DEF function and restores the previous settings.

DEMISTING/DEFROSTING OF HEATED REAR WINDSCREEN

Press button G to activate heated rear windscreen demisting/defrosting. 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 fitted, pressing the  button also activates the defrosting and defogging of the external rearview mirrors, the heated windscreen (where fitted) and the heated spray nozzles (where fitted).

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



SWITCHING OFF THE CLIMATE CONTROL SYSTEM

Press the OFF button. With the climate control system switched 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.

IMPORTANT The climate control system control unit will store the temperatures set before turning off and will restore them when any button is pressed (except button G); if the function corresponding to the button pressed is off it will be turned on; if on, it will be kept active.

To restart the climate control system in fully automatic mode press AUTO.

ADDITIONAL HEATER (only for diesel versions) (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 two-zone climate control system

The additional heater is turned on automatically by turning the ignition to MAR

Manual heater and manual climate control system

The additional heater is activated automatically by turning knob A 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.

EXTERNAL LIGHTS

LEFT-HAND LEVER fig. 33

The left-hand lever 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.

DAYLIGHT LIGHTS (D.R.L.)

(for versions/markets, where provided)

With the ignition key turned to MAR and selector wheel A turned to position **O** the daylight lights are activated; the other lights and internal illumination remain off. With regards to switching on the Daylight lights, see the "Menu Items" paragraph in this chapter. If the function is disabled, no lights are switched on when selector wheel A is turned to position **O**.

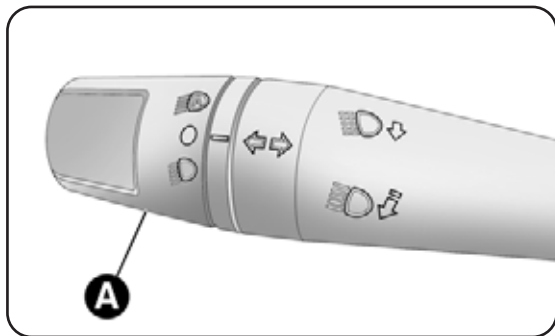


fig. 33

A0J0063m

SIDE LIGHTS/DIPPED BEAM HEADLIGHTS

With the ignition key turned to MAR, turn selector wheel A to **⊞**. The daylight lights are switched off and the side lights and dipped beam headlights are switched on. The **⊞** warning light on the instrument panel will come on at the same time.

AUTOMATIC LIGHTING CONTROL (AUTOLIGHT) (Dusk sensor)


(for versions/markets, where provided)

THIS is an infra-red LED sensor that works in conjunction with the rain sensor and is fitted on the windscreen. It is able to detect variations in outside lighting based on the sensitivity settings selected in the Set-up Menu: the higher the sensitivity, the lower the amount of external light needed to switch the lights on. The system consists of two sensors: one multi-directional sensor able to detect light from above, and one directional sensor able to detect the light in the vehicle's path: this allows the system to recognise tunnels, roads and galleries. The dusk sensor is activated by turning selector wheel A-fig. 33 to **⊞**. In this way the side lights and dipped beam headlights are both switched on automatically according to the outside light level.



IMPORTANT the sensor is not able to detect the presence of fog. The fog lights must therefore be switched on manually if required.



When the lights are switched on by the sensor, the front and rear fog lights ((for versions/markets, where provided) can also be switched 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 wish to switch on the main beam headlights, rotate selector wheel A-fig. 33 to  and activate the fixed main beam headlights.


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 failure is indicated on the instrument panel display. It is also possible to deactivate the sensor and switch on the side lights and dipped beam headlights.

MAIN BEAM HEADLIGHTS

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



FLASHING THE HEADLIGHTS

Pull the lever towards the steering wheel (unstable position) regardless of the position of selector wheel A. The  warning light will come on in the instrument panel.

DIRECTION INDICATORS

Push the lever to (stable) position:

- upward adjustment: right-hand indicator ON;
- downward adjustment: left-hand indicator ON.

Warning light  or  will blink 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 lever in the unstable position for less than half a second. The direction indicator on the selected side flashes three times and then switches off automatically.


“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 lever A-fig. 33 towards the steering wheel within 2 minutes of switching off the engine.

The amount of time the lights remain on is extended by 30 seconds at each movement of the lever, up to a maximum of 210 seconds; after this 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 warning light comes on when the lever is operated and stays on until the function is automatically deactivated. Each movement of the lever increases the amount of time the lights stay on.



Deactivation

Keep the lever 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 vehicle is parked and the doors are unlocked by pressing the  button on the remote control (or the luggage compartment 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 luggage compartment are locked once again, the doors or luggage compartment are opened and closed or the instrument panel is activated. In this case they go out after 5 seconds.

The exterior courtesy lights can be enabled/disabled using the Set-up Menu (see the paragraph on “Menu Items” in this chapter).








WINDOW WASHING

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

WINDSCREEN WIPER/WASHER fig. 34

This only operates with the ignition turned to MAR. Selector wheel A can take five different positions:

-  intermittent (low speed);
-  windscreen wiper off;
- AUTO rain sensor activation (for versions/markets, where provided) (the windscreen wipers adapt the operating speed automatically to suit the intensity of the rain)
-  intermittent;
-  continuous slow;
-  continuous fast operation.

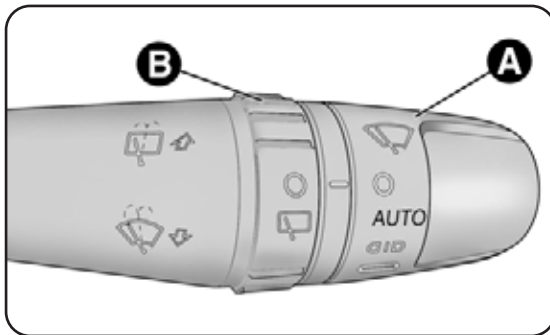


fig. 34

A0J0064m

Moving the lever upwards (unstable position) limits operation to the time the lever is held in this position. The lever will return to position and the wiper will be automatically stopped when released.



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

"Smart washing" function

Pull the lever towards the steering wheel (unstable position) to operate the windscreen washer jet. By keeping the lever pulled for more than half a second, it is possible to operate the washer jet and the wiper at the same time with just one movement.

The wiper stops working three strokes after releasing the lever. A further stroke after approx. 6 seconds completes the wiping cycle.

RAIN SENSOR fig. 35

(for versions/markets, where provided)

This is an infra-red LED sensor fitted on the vehicle windscreen. It is able to 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 selector wheel A-fig. 34 to the automatic position (AUTO): in this way the windscreen wiper strokes are regulated in accordance with the amount of water on the windscreen. The frequency can vary between no strokes (no rain - windscreen dry) and the 2nd continuous speed (intense rain - windscreen wet).

The sensitivity of the rain sensor can be adjusted by operating selector wheel A-fig. 34.

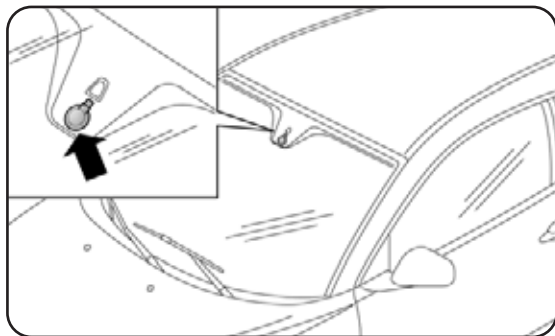


fig. 35

A0J0189m

If the vehicle is switched off with the lever in the automatic position, when the vehicle is next started no wiping cycle will take place even if it is raining. This is to prevent unwanted 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).

Carry out any of the following manoeuvres to restore automatic operation:

- move the left-hand lever from the automatic position to any other position and then back to automatic;
- adjust the sensitivity (by turning selector wheel A-fig. 34 to increase or decrease).

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 failure 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 failure indication remains for as long as the sensor is active.



REARSCREEN WIPER/WASHER

(for versions/markets, where provided)

Activation

This only operates with the ignition turned to MAR. The function stops when the lever is released. Turning selector wheel B-fig. 34 from position **O** to position  activates the rear screen wiper according to the following:

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

With reverse gear engaged and windscreen wiper on, the rear screen wiper is activated in continuous mode. Pushing the lever towards the dashboard (unstable position) will activate the rear window washer jet.

Keeping the lever pushed for more than half a second will also activate the rear screen wiper. Releasing the lever 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 not recommended for use on extra-urban roads with traffic. Do not use it in town.

DEVICE ENGAGEMENT

Turn selector wheel A-fig. 36 to ON. The device cannot be engaged when the vehicle is in 1st gear or reverse: It is advisable to engage the device at 5th gear or higher.

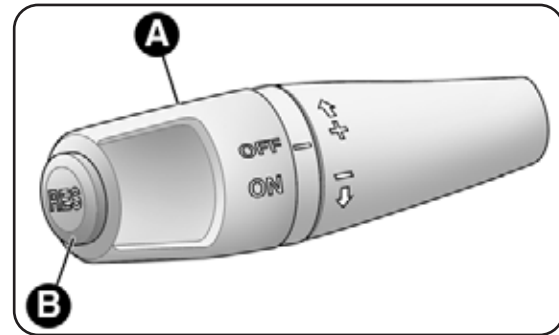



fig. 36

A0J0065m

When travelling downhill with the device engaged, the car may slightly exceed the preset speed. When the device is activated the  warning light comes on, together with the relevant message on the instrument panel (for versions/markets, where provided).

MEMORISING VEHICLE SPEED

Proceed as follows:

- turn selector wheel A-fig. 36 to ON and press the accelerator until the vehicle reaches the desired speed;
- push the lever up (+) for at least one second and release it: the car speed will be stored. The accelerator pedal may be released.

If needed (e.g. for overtaking), press the accelerator pedal to accelerate: the car will return to the previously set speed when the pedal is released.

RESTORING STORED SPEED

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

- accelerate gradually until reaching a speed approaching the one memorised;
- engage the gear selected at the time of speed memorising;
- press button B-fig. 36 (RES).

INCREASING THE MEMORISED SPEED

Press the accelerator and store the new speed or move the lever upwards (+). Each movement of the lever will correspond to a slight reduction in speed (about 1 km/h), while keeping the lever held downwards will reduce the speed continuously.

REDUCING THE MEMORISED SPEED

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

DISENGAGING THE DEVICE

To disengage the device:

- turn selector wheel A-fig. 36 to OFF;
- switch off the engine;
- press the brake pedal, the clutch or the accelerator; in this last case the system is not effectively disengaged 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.



Automatic disengagement

The device is automatically switched off in any of the following cases:

- if the ABS or VDC systems cut in;
- with car speed below the preset limit;
- in the event of system failure.



When driving with the device active, do not position the gear lever in neutral.



In the event of defective operation or device failure turn the selector wheel to OFF and contact an Alfa Romeo Authorised Service.

COURTESY LIGHTS

FRONT COURTESY LIGHT fig. 37

Switch A turns these lights on/off.

Switch A positions:

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

The switching on/off of the lights is gradual.

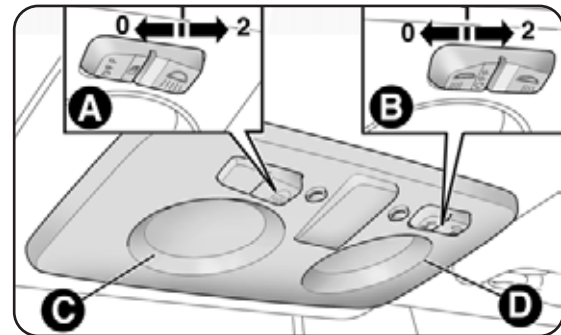


fig. 37

A010066m

Switch B works as a spotlight.

Switch B positions:

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

IMPORTANT Before getting out of the car, make sure that both switches are in the central position: lights off with doors closed in order to avoid draining the battery.

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

COURTESY 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.

Light timing when getting into the car

The courtesy lights will turn on as follows:

- 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.

Timing is interrupted when the ignition key is turned to MAR.

Light timing when 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 the doors are locked.

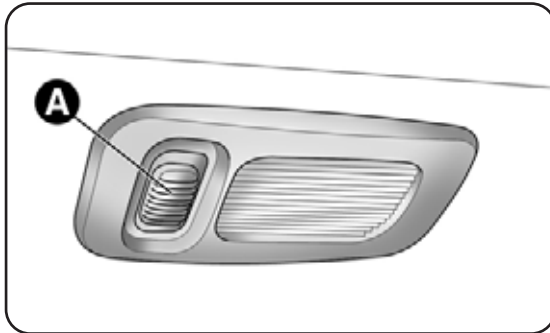


fig. 38

AOJ0067m

COURTESY LIGHTS fig. 38

(for versions/markets, where provided)

On some versions courtesy lights are fitted behind the sun visors. Press switch A to switch on/off the light.

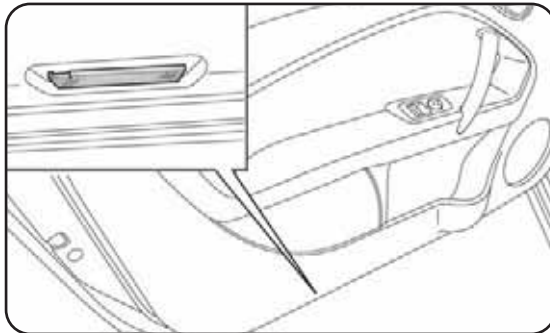


fig. 39

AOJ0176m

DOOR LIGHTS fig. 39

These are located in the doors and are activated when the door is opened regardless of the position of the ignition key.

LUGGAGE COMPARTMENT LIGHT fig. 40

This light comes on automatically when the luggage compartment is opened and switches off when it is closed.

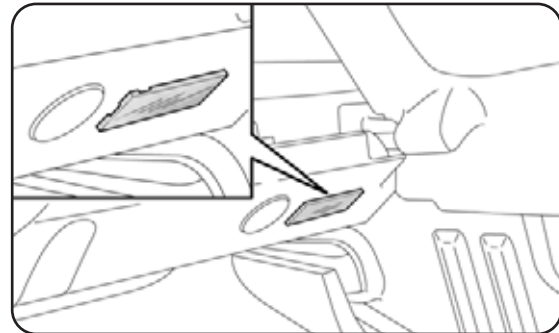


fig. 40

AOJ0270m

GLOVE COMPARTMENT LIGHT fig. 41

This light comes on automatically when the glove compartment is opened and switches off when it is closed.

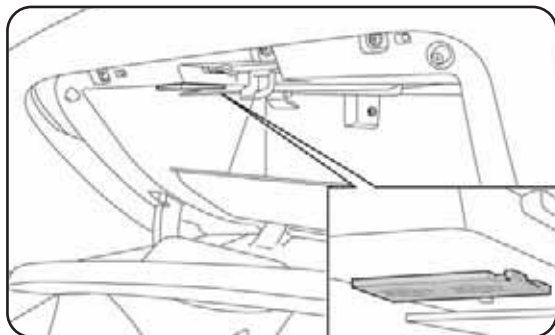


fig. 41

A0J0177m

CONTROLS**HAZARD WARNING LIGHTS fig. 42**

Press switch A to switch on/off the lights. Warning lights ⇐ and ⇒ are lit up on the instrument panel when these lights are activated.



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

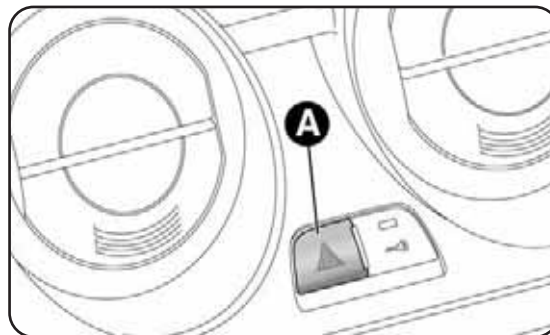




fig. 42

A0J0028m





Emergency braking

In the event of emergency braking the hazard warning lights are lit up automatically as well as the  and  warning lights in the instrument panel.

The lights are switched off automatically when the nature of braking changes.

FRONT FOG LIGHTS fig. 43

(for versions/markets, where provided)

Press button  to switch on/off the lights. The front fog lights are only enabled with the dipped beam headlights on. With lights on, the  warning light comes on in the instrument panel.

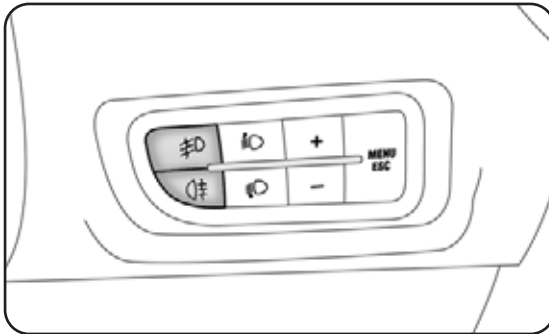




fig. 43

A0J0025m

REAR FOG LIGHTS fig. 43

Press button  to switch on/off the lights. The rear fog lights are only enabled with the dipped beam headlights on. With lights on, the  warning light comes on in the instrument panel.

DOOR LOCK fig. 44

Press button A to centrally lock the doors. Locking takes place regardless of the position of the ignition key.

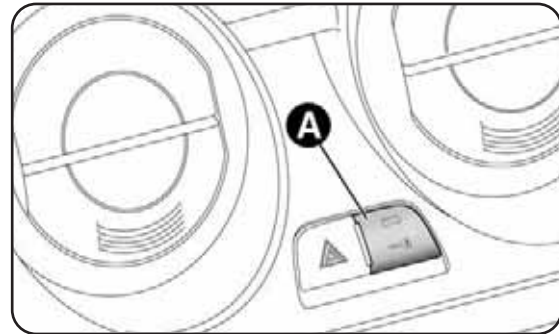


fig. 44

A0J0030m

FUEL CUT-OFF SYSTEM

This system intervenes in the event of a collision, activating:

- switch off of fuel supply with resultant engine switch off;
- automatic door lock release;
- switch on of all lights inside the car.

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 collision, turn the ignition key to STOP to avoid draining the battery.

To reset car operation, follow this procedure:

- 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 fig. 45

Operate handle A to open the compartment. When the compartment is opened a courtesy light comes on.

The glove compartment features a document shelf.



Do not travel with the glove compartment open: it could hurt the passenger in the event of a crash.

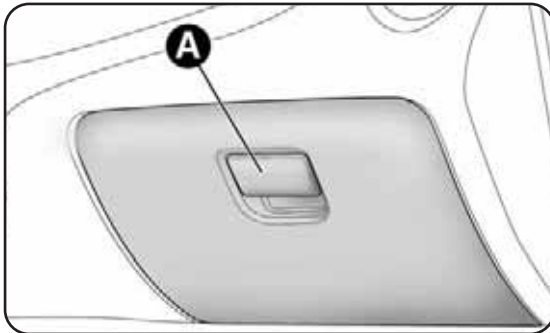


fig. 45

A0J0060m

FRONT ARMREST fig. 46

(for versions/markets, where provided)

Some versions include an armrest between the front seats.

To bring this to the standard position, push it down as shown in fig. 46.

Press button A to raise the upper part of the armrest and access the compartment inside it. Press lever B to incline the armrest downwards.

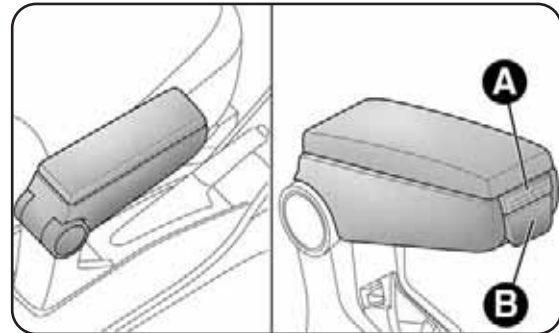


fig. 46

A0J0194m

POWER SOCKETS (for versions/markets, where provided)

These are located on the central tunnel A-fig. 48 and on the left-hand side of the luggage compartment B-fig. 48. They are only enabled with the ignition key turned to MAR. If you require the smokers kit, the socket on the central tunnel is replaced with a cigar lighter (see following paragraph).

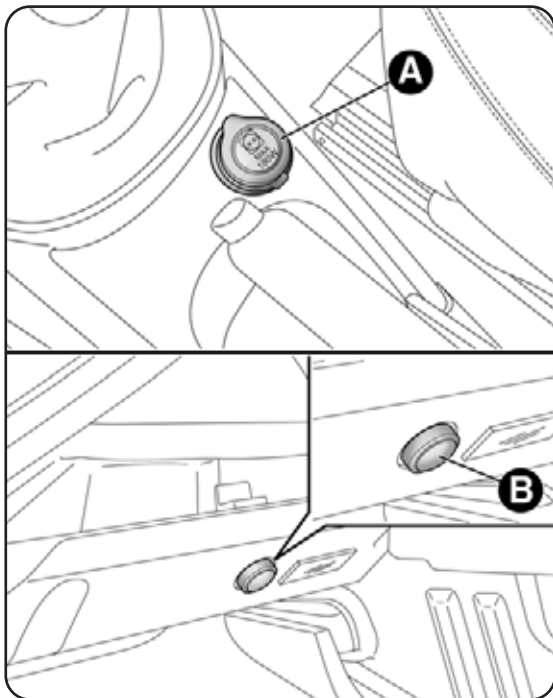


fig. 48

A010068m

CIGAR LIGHTER fig. 49

(for versions/markets, where provided)

This is located on the central tunnel. Press button A 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 off.



The cigar lighter becomes very hot. Handle with care. The device must not be used by children: risk of fire and/or burns.

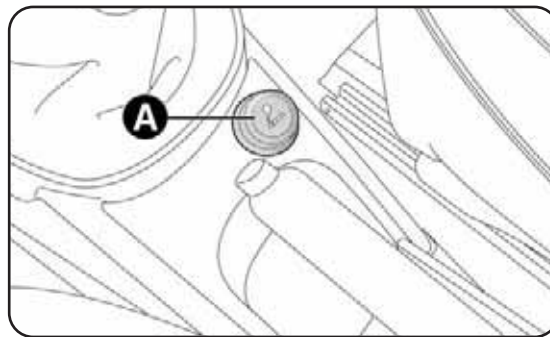


fig. 49

A010069m

**ASHTRAY fig. 50**

(for versions/markets, where provided)

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 paper bin: paper may catch fire upon contact with cigarette butts.

SUN VISORS fig. 51

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

A courtesy mirror can be applied to the back of the passenger-side sun visor: to use it, open sliding flap A.

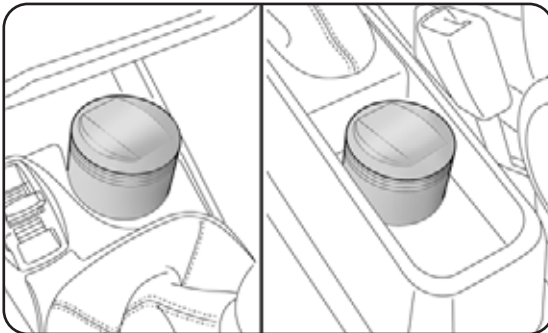


fig. 50

A0J0070m

FIRE EXTINGUISHER fig. 52

(for versions/markets, where provided)

This is located on the right-hand side of the luggage compartment.

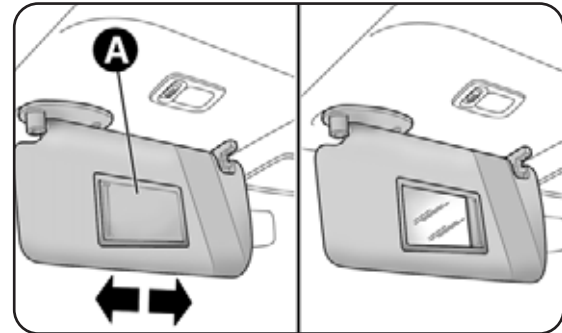


fig. 51

A0J0071m

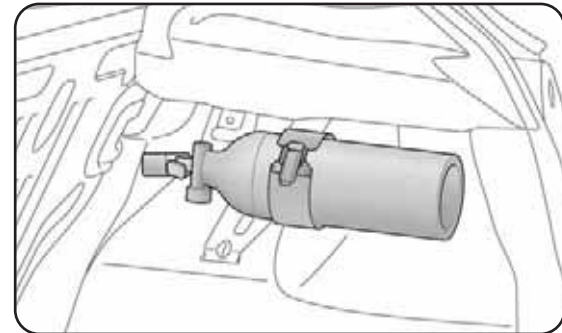


fig. 52

A0J0190m

ELECTRIC SUNROOF

(for versions/markets, where provided)

The extensively glazed sun roof comprises a moving glass panel and a sun blind. The glazed panel, when closed, allows light from the outside to enter and makes it possible to see the outside from the passenger compartment.

When it opens the front glass panel slides towards the outside of the roof.

OPERATION

The sun roof is operated by pressing buttons A and B-fig. 53 located on the trim next to the middle courtesy light.

The sun roof can only be operated with the ignition key in the MAR position.

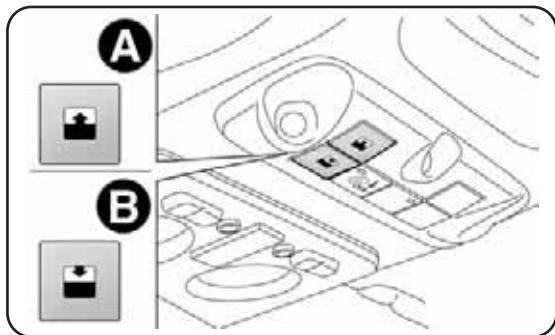


fig. 53

A0J0329m

Roof opening

Pressing button A-fig. 53 allows two opening modes for the front glass panel.

Automatic

If button A-fig. 53 is pressed for a while, the front glass panel is raised from completely closed to the spoiler position. If the button is pressed again, the panel starts to slide backwards until it is completely open. After the initial opening command the glass panel can be stopped in intermediate positions by pressing the button again.

Manual

If button A-fig. 53 is pressed briefly, the front glass panel moves from the completely closed position and stops in the position where the button is released. In this case the panel opens by pressing the actual button.

This function makes it possible to place the front panel in intermediate positions in relation to those produced through automatic opening.



The sun roof must stay closed if a transverse roof rack is fitted.



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 operation, always check that no-one is at risk of being injured by the moving sun roof or by objects getting caught and dragged by it.

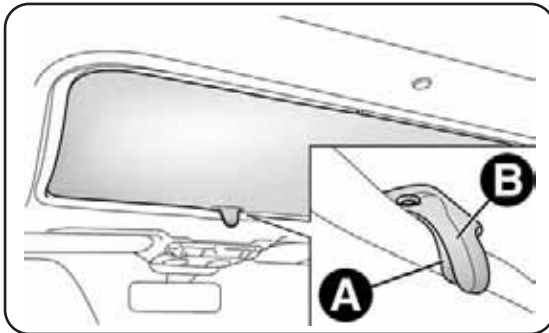


fig. 53

A0J0157m

Sun blind

The brightness in the passenger compartment can be adjusted by using a sun blind.

Curtain opening: press the button A - fig. 54 to release the curtain and then grasp the handle B and make it slide towards the back.

Curtain closing: grasp the handle B and make the curtain slide to the front, making sure it is locked.

Roof closing

Pressing button B-fig. 53 allows two closing modes for the front glass panel.

Automatic

With the roof completely open, press button B-fig. 53 for a while: the front glass panel will assume the spoiler position. If the button is then pressed, the panel will start to slide forward until it is completely closed.

After the initial opening command, the glass panel can be stopped in intermediate positions by pressing the button again.

Manual

If button B-fig. 53 is pressed briefly, the front glass panel moves from the completely open position and stops in the position where the button is released. In this case the panel closes by pressing the actual button.

This function makes it possible to place the front glass panel in intermediate positions in relation to those produced through automatic closing.

ROOF CLOSING SAFETY DEVICES (anti-crush function)

The anti-crush safety system, which conforms to Directive 2000/4/CE, is activated during the horizontal and vertical closing stage of the panel after an obstacle is encountered (e.g. finger, hand):

- during the horizontal closing movement it is activated for the entire travel and after an obstacle is encountered at the front of the glass panel the movement is reversed;
- during the vertical closing movement it is activated and after an obstacle is encountered at the back of the glass panel the movement is reversed until the spoiler position is reached.

The possibility of crushing from inside the passenger compartment in the side areas of the panel is prevented through the adoption of side guards that deny access to the risk areas.

IMPORTANT The anti-crush safety system is deactivated by pressing button B-fig. 53 continuously.

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 the protective cap A-fig. 55 located in the middle of the roof;
- take the Allen key B supplied which can be found together with the on board documentation;
- introduce the key into housing C and turn it:
 - clockwise, to open the roof;
 - anti-clockwise, to close the roof.

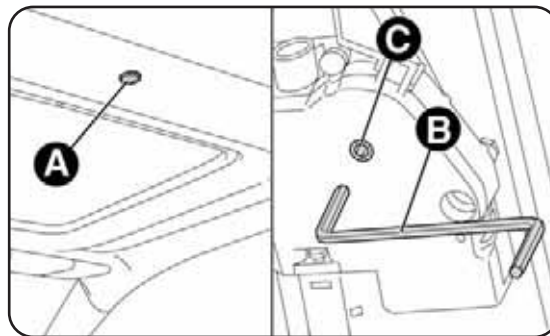


fig. 55


A0J0328m



DOORS

DOOR CENTRAL LOCKING/UNLOCKING

Locking 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-side door lock. Locking is signalled by the LED on button A-fig. 56 coming on.

Door locking is activated:

- when all the doors are closed;
- when all the doors are closed and the luggage compartment is open;

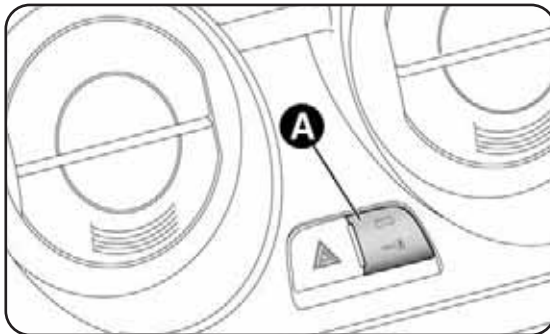


fig. 56

A0J0030m

Door unlocking from the outside

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

Door locking/unlocking from the inside

Press button A. The button is equipped with an LED that indicates the vehicle status (doors locked or unlocked).

LED lit up: doors locked. Press button A once again to centrally unlock all doors. The LED will go out.

LED off: doors unlocked. Press button A once again to centrally lock all doors. The doors will be locked only if all doors are closed.

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 A.

IMPORTANT When the central locking system is on, lifting the interior opening lever of one of the doors causes the door to unlock (in the case of the passenger door, the led on button A-fig. 56 remains lit).

If there is no power (blown fuse, battery disconnected, etc.) the doors can still be locked manually.

ELECTRIC WINDOWS

These are equipped with an automatic setting to raise and lower the driver-side front window.

CONTROLS FOR

Driver's door fig. 57

Buttons have been provided on the driver's door panel to control the following functions with the ignition turned to MAR:

A: opening/closing of left-hand window

B: opening/closing of right-hand window

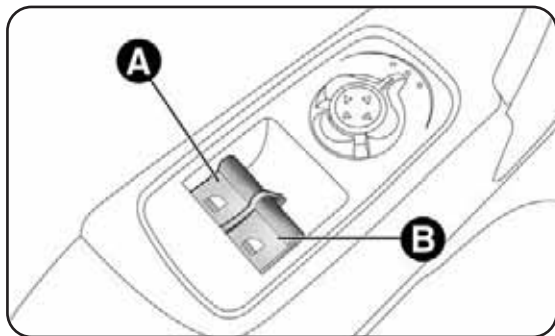


fig. 57

A0J0023m

Continuous automatic operation

(for versions/markets, where provided)

This is activated by pressing one of the two buttons for longer than half a second. The window will stop when it reaches the end of travel or when the button is pressed again.

- Driver's side: raising/lowering
- Passenger side: lowering only
- Where the anti-crush safety device is present: driver's side and passenger side raising/lowering.

Anti-pinch safety device

(for versions/markets, where provided)

The vehicle is equipped with an anti-pinch safety device for the upwards motion of the windows.

This safety system is capable of recognizing the presence of an obstacle whilst the window is closing; when this happens, the system stops the travel of the glass and, depending on the position of the window, reverses its movement.

This device is also useful when the windows are activated accidentally by children on board the vehicle.



The anti-crush safety function is activated both during the manual and the automatic operation of the window. When the anti-crush system is activated the window travel is immediately interrupted and then reversed. The window cannot be operated in any way during this time.



IMPORTANT If the anti-pinch protection intervenes 5 times consecutively within 1 minute or a system failure is detected, the automatic window closing function is inhibited. The window can then only be operated in steps of half a second and the button must be released following each step.

In order to restore the correct operation of the system, the relevant window must be lowered.

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 Where the anti-crush safety device is present, when button  on the remote control is pressed for more than 2 seconds, the windows are opened, whilst when button  is pressed for more than 2 seconds the windows are closed.

Passenger-side door

The passenger-side door is equipped with a button that controls the opening/closing of the passenger-side window.



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 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.

Electric window system initialisation

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

Initialisation procedure:

- fully close the window to be initialised manually;
- 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 windows 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;
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;
3. repeat stages 1 and 2 for the passenger-side window
4. check that the initialisation has taken place correctly by checking the automatic operation of the windows.

IMPORTANT With central locking on, operating the internal handle of one of the doors will unlock all the doors. If there is no power (blown fuse, battery disconnected, etc.) the doors can still be locked manually. As in this case the automatic window opening function is not available, to open or close the door with the window closed, apply pressure to the window towards the vehicle interior (see fig. 58), to aid the passage of the window against the trim.



fig. 58


A0J0170m



LUGGAGE COMPARTMENT

Luggage compartment unlocking is electrically controlled and is disabled with the vehicle in motion.

OPENING

When unlocked, the luggage compartment can be opened from outside the vehicle by pressing the electric logo fig. 59 until a click is heard or by pressing button  on the remote control.

When the luggage compartment is opened the direction indicators will flash twice and the internal light will come on: the light will go out automatically when the luggage compartment is closed. If the luggage compartment is left open, the light will go out automatically after several minutes.

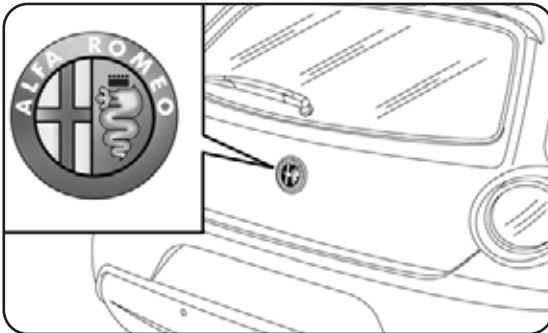


fig. 59

A0J0058m

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 luggage compartment");
- press lever A-fig. 60.

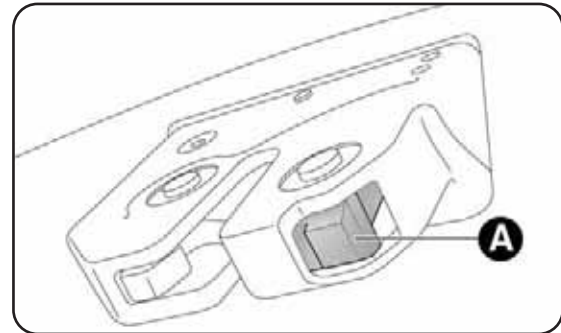


fig. 60

A0J0178m



CLOSING

Pull tab A-fig. 61 and lower the tailgate by pressing near the lock until a click is heard.

IMPORTANT Before closing the luggage compartment make sure that you have the keys. The luggage compartment is locked automatically.

LUGGAGE COMPARTMENT INITIALISATION

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

- close all the doors and the luggage compartment;
- press button  on the remote control;
- press button  on the remote control.

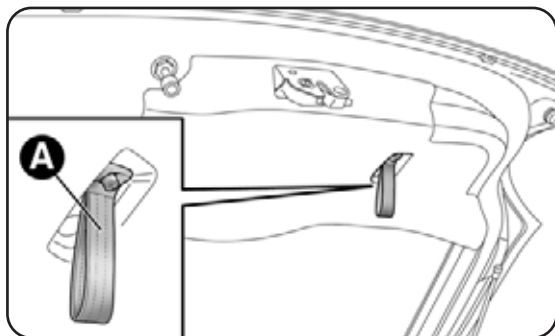


fig. 61

A0J0079m



EXPANDING THE LUGGAGE COMPARTMENT

Removing the parcel shelf

Proceed as follows:

- free the ends of the two links A-fig. 62 supporting the parcel shelf B, releasing eyelets C from pins D;
- free pins A-fig. 63 on the outside of the shelf from housings B in the side mounts, then remove the parcel shelf.
- after removal, the parcel shelf can be loaded sideways into the luggage compartment or placed between the front seat back-rests and the folded-back rear seats (with the luggage compartment completely expanded).

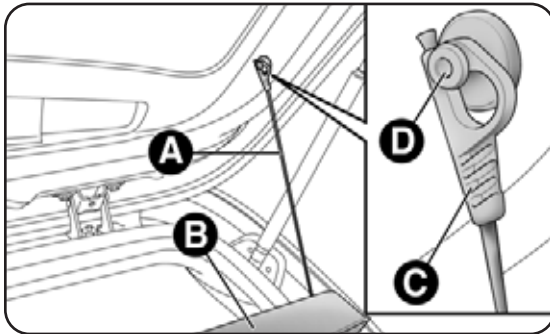


fig. 62

A0J0080m

Folding back the seats

Proceed as follows:

- raise the head restraints to the maximum height, press both buttons A-fig. 64 to the side of the two supports, then remove the head restraints by sliding them upwards;
- move the seat belts to the side, making sure that they are correctly extended and not twisted;

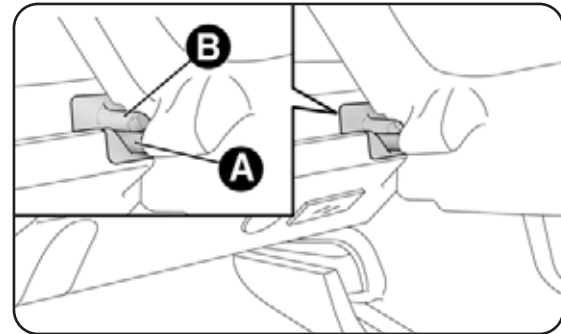


fig. 63

A0J0081m

- raise backrest levers A-fig. 65 and fold the required cushion forward (when lever A is raised this is indicated by a red strip).

Repositioning the rear seat

Move the seat belts making sure that they are correctly extended with no coils.

Lift up the backrests and push them back until a click is heard for both mechanisms. Make sure that red strip on levers A-fig. 65. is no longer visible; if it is, this indicates that the backrest has not engaged.

Reposition the head restraints into their housings.

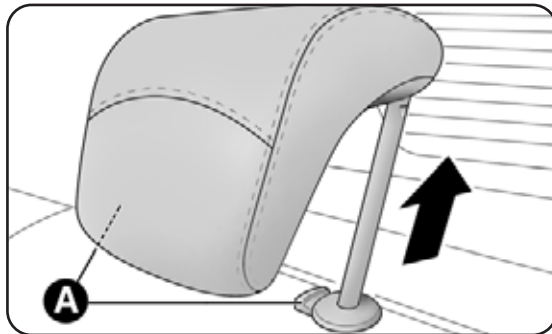


fig. 64

A0J0083m

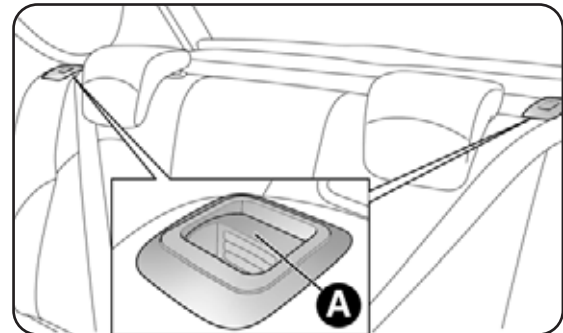


fig. 65

A0J0082m



BONNET

OPENING THE BONNET

Proceed as follows:

- pull lever A-fig. 66 in the direction indicated by the arrow;
- pull lever B in the direction indicated by the arrow;
- lift the bonnet and, at the same time, release the bonnet stay C - fig. 67 from its locking device. Then, insert the end in the housing D, making sure that the stay is engaged in the smallest opening of the retaining clip.

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

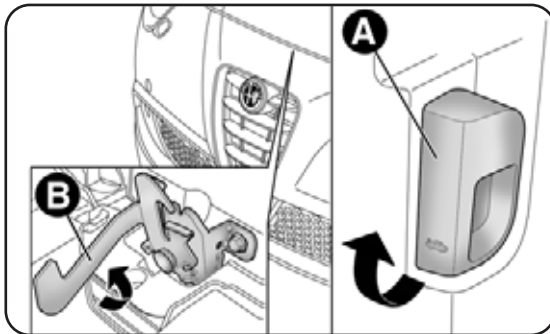


fig. 66

A0J0085m

CLOSING THE BONNET

- hold the bonnet up with one hand and with the other remove rod C-fig. 67 from housing D and fit it back into its catch;

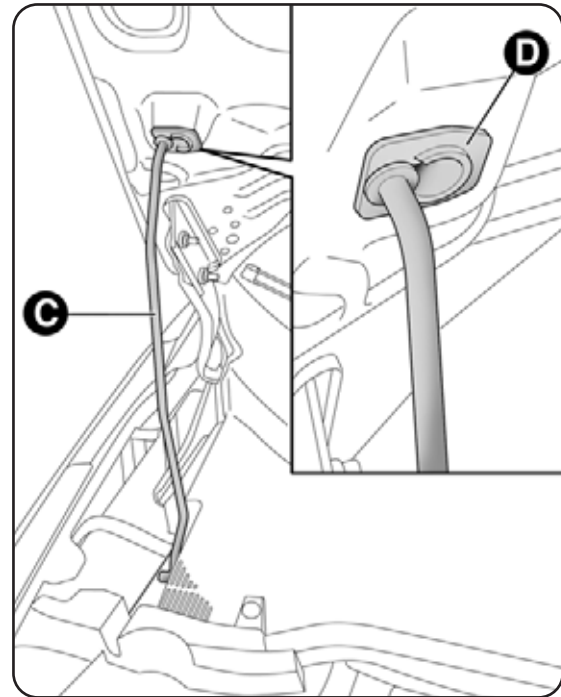


fig. 67

A0J0086m

- lower the bonnet to about 20 centimetres above the engine compartment and then let it drop. Make sure that the bonnet is closed correctly and not just in the safety position by trying to lift 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 its opening while the car is travelling.



The bonnet must always be perfectly closed while travelling for safety reasons. Make sure that the bonnet is perfectly closed and that the lock is engaged. If when driving you realise that the bonnet is not properly closed, stop immediately and close the bonnet correctly.



Carry out these operations with the vehicle at a standstill.



If the support rod is incorrectly positioned this may cause the bonnet to fall down without warning.

ROOF RACK/SKI RACK

To fit the roof rack/ski rack, raise the special tabs A-fig. 68 using the screwdriver provided to access attachment housings B.

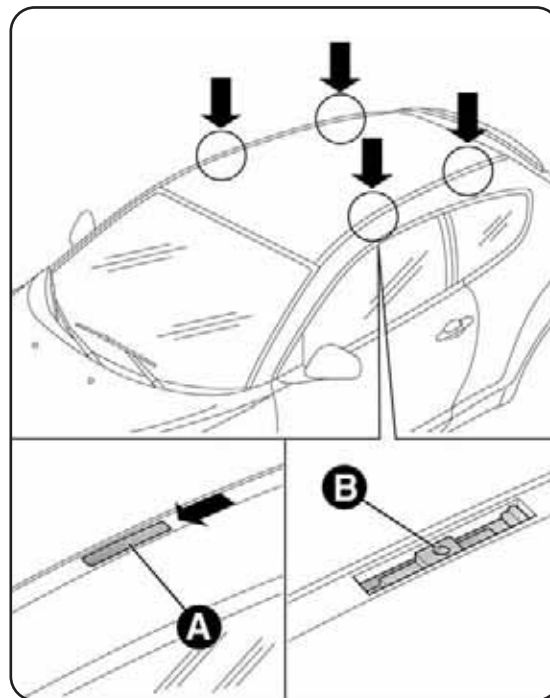


fig. 68



The Lineaccessori Alfa Romeo includes a dedicated roof rack/ski rack for this vehicle.

IMPORTANT Take the greatest possible care when following the instructions on the bar kit to the letter.



After having travelled several kilometres check that the attachment retaining bolts are still securely fastened.



Distribute the load uniformly and when driving take into consideration the increased sensitivity to transverse air currents.



Always obey local legislation regarding maximum load size.



Never exceed the maximum permitted load.

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 an Alfa Romeo Authorised Service.

HEADLIGHT ALIGNMENT CORRECTOR

This device works with the key at MAR and the dipped beam headlights on.

Adjusting headlamp alignment

Press buttons  and  to carry out the alignment (fig. 69 and fig. 69a). The instrument panel display provides a visual indication of the positions during the adjustment operation.



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

Position 1 — 4 passengers.

Position 2 — 4 passengers + load in the luggage compartment.

Position 3 — driver + maximum permitted load in the luggage compartment.

IMPORTANT Check beam orientation 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.

FRONT FOG LIGHTS ALIGNMENT

(for versions/markets, where provided)

To check and, if necessary, adjust the alignment contact an Alfa Romeo Authorised Service.

HEADLIGHT ALIGNMENT ADJUSTMENT 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.

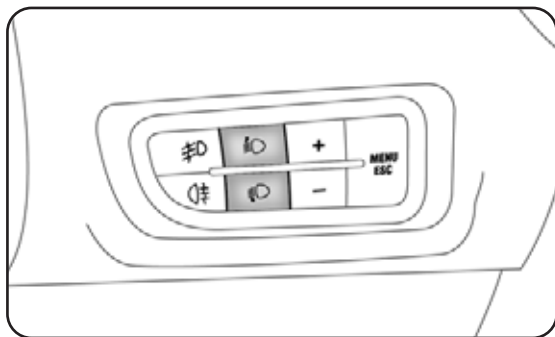


fig. 69

A0J0026m

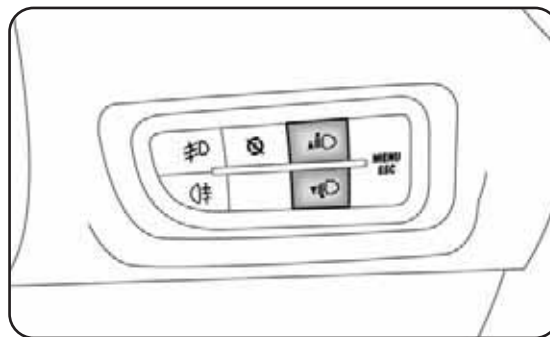


fig. 69a - Start&Stop system versions

A0J0277m



ABS SYSTEM

The car is fitted with an ABS 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 system is completed by EBD (Electronic Braking Force Distribution), which distributes the braking action between front and rear wheels.

IMPORTANT To achieve maximum efficiency of the braking system, a settlement period of about 500 km is required: During this time, avoid sudden, repeated and prolonged braking.

SYSTEM INTERVENTION

Intervention of the ABS is detected by a slight pulsing of the brake pedal accompanied by noise: such an event indicates that you need to adjust your speed to the type of road on which you are travelling.

MECHANICAL BRAKE ASSIST (emergency braking assistance)

(for versions/markets, where provided)

This system, which cannot be excluded, recognises emergency braking (on the basis of the brake pedal operation speed) and allows the braking system to react more quickly.



When the ABS intervenes it means that you are approaching the grip limit between tyres and road: slow down to adjust the speed according to available grip.



The ABS optimally exploits grip between tyre and road, but it cannot improve grip; you should therefore take every care not to take unnecessary risks when driving on slippery surfaces.



When the ABS cuts in, and you feel the brake pedal pulsating, do not remove your foot, but keep it pressed; by doing so you will stop in the shortest amount of space possible in the current road conditions.


VDC SYSTEM (Vehicle Dynamics Control)

This is an electronic system that controls car stability in the event of tyre grip loss.

The VDC system also includes the following systems:

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

SYSTEM INTERVENTION

This is indicated by the  warning light flashing in the instrument panel: this indicates that the vehicle is in critical stability and tyre grip conditions.

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 at a standstill on a road with a gradient higher than 5%, engine running, clutch and brake pedal pressed, gearbox to neutral or engaged gear other than reverse;
- downhill: car at a standstill on a road with a gradient higher than 5%, engine running, clutch and brake pedal pressed and reverse gear engaged.

At take-off the VDC system control unit will keep brake force on the wheels until reaching the torque suitable for starting, or in any case for 1 second in order to move easily from the brake pedal to the accelerator pedal.

If the vehicle has not departed after this time, the system will deactivate automatically by gradually releasing the brake force. A sound may be heard during this stage: this indicates that the vehicle is about to move off.

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




ASR SYSTEM (AntiSlip Regulation)

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

According to slipping conditions, two different control systems are activated:

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



If the spare wheel is in use the ASR system does not work. in this case the  warning light will come on in the instrument panel.



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 spare wheel is used, the VDC system keeps operating. Be aware however that the spare 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 ultimately responsible for road safety.

BRAKE ASSIST (emergency braking assistance)

This system, which cannot be excluded, recognises emergency braking (on the basis of the brake pedal operation speed) and allows the braking system to react more quickly. The Brake Assist function is deactivated in the event of VDC system failure.

MSR SYSTEM

This is an integral part of the ASR system which, in the event of sudden gear downshifting, cuts in, providing torque to the engine thus preventing excessive drive wheel drag which, specially in poor grip conditions, can lead to loss of stability.

CBC SYSTEM

This function optimises the brake force distribution between the four wheels (in order to make maximum use of the available grip) when braking whilst cornering and the ABS system cuts in. 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 for particularly effective and sporty driving.

DST SYSTEM (Dynamic Steering Torque)

This is an “active” vehicle control system. On road surfaces with poor grip, it automatically corrects the steering and also controls over-steer. This system applies torque to the steering wheel to increase the feeling of safety, helping to keep the vehicle under control and making the effects of the VDC system more discreet.



"Alfa DNA" SYSTEM (Dynamic vehicle control system)

(for versions/markets, where provided)

This device allows three different driving modes to be selected by operating lever A-fig. 70 on the central tunnel.

- d = Dynamic (sports driving mode);
- 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).

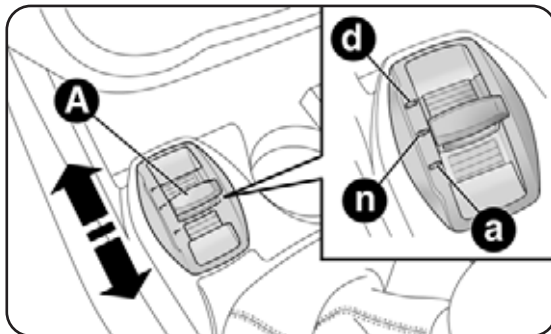


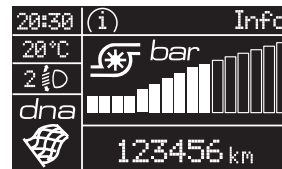
fig. 70

AOJ0090m

DRIVING MODES

Lever A-fig. 70 is a one-way 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 re-configurable multifunctional display, as illustrated below:

Dynamic Mode



AOJ0227m

All Weather Mode



AOJ0290m

Normal Mode

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

VDC and ASR: Standard calibration

Steering wheel tuning: Standard calibration

DST: Standard control of the brakes coordinated with ABS

Standard control of side acceleration

Steering wheel compensation: a slight pulse on the steering wheel tells the driver to make a better manoeuvre

Engine: Standard response

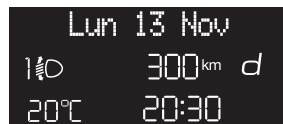
ENGAGEMENT/DISENGAGEMENT OF "Dynamic" MODE

Engagement

Move lever A-fig. 70 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 diagrams). Upon release, lever A returns to the central position.



AOJ1055g



AOJ0186m

VDC and **ASR**: Sporty calibration, intervention only in the event of loss of control

Steering wheel tuning: Sportier calibration

DST: Standard control of the brakes coordinated with ABS

More control of side acceleration

Steering wheel compensation: a slight pulse on the steering wheel tells on the driver to make a better manoeuvre

Engine: Higher response speed + Overboost to maximise torque speed (where provided)

In the 1.4 Turbo Multi Air versions, selecting the "Dynamic" operation mode activates the turbocharger supercharging function (overboost): depending on the accelerator pedal position and for a limited time, the engine management control unit allows the system to generate maximum pressure levels inside the turbocharger and the engine torque can reach higher values than usual. This function is particularly useful whenever maximum performance is required for a short time (e.g. when overtaking).

IMPORTANT When the "Dynamic" function is used, during acceleration the steering may shudder, which is typical of a sports setting.

Disengagement

To disengage "Dynamic" mode and return to "Normal", move the lever as described above once again. In this case, the LED corresponding to "Normal" mode will light up and the words "Normal engaged" will appear on the reconfigurable multifunctional display (see diagram).



AOJ1052g



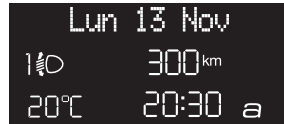
ENGAGEMENT/DISENGAGEMENT OF "All Weather" MODE

Engagement

Move lever A-fig. 70 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 diagrams).



AOJ1180g



AOJ0187m

Disengagement

To disengage "All Weather" mode and return to "Normal", carry out the same procedure described for "Dynamic" mode, moving lever A-fig. 70 to "a".

IMPORTANT NOTES

- It is not possible to go from "Dynamic" mode straight to "All Weather" mode and vice versa. You must always first go back to "Normal" mode and then select the other mode.
- If "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. 70, no driving modes can be selected. The display will show a warning message.

VDC and ASR: Calibration to ensure maximum safety

Steering wheel tuning: Standard comfort

DST: More control of the brakes coordinated with VDC

Standard control of side acceleration

Steering wheel compensation: a slight pulse on the steering wheel tells on the driver to make a better manoeuvre

Engine: Standard response

START&STOP SYSTEM

(for versions/markets, where provided)

The Start&Stop system stops the engine automatically when the vehicle stops and starts it again when the driver wants to resume driving. In this way, the vehicle efficiency is increased, by reducing consumption, dangerous gas emissions and sound pollution.

The system is active every time the engine is started.

OPERATING MODE

Engine stopping mode

With stopped vehicle, the engine stops with gearbox in neutral and released clutch pedal.

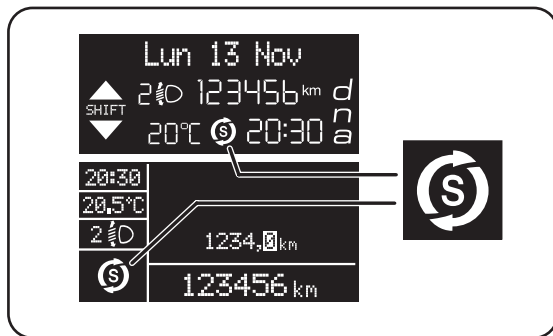



fig. 71


A0J0279m

Note The engine automatic stop is allowed only after having run at about 10 km/h, to prevent repeated engine stops when driving at a very slow speed. The engine stopping is signalled by displaying the  symbol in fig. 71.

Engine re-starting mode

To restart the engine, press the clutch pedal.

SYSTEM MANUAL ACTIVATION/DEACTIVATION

To activate/deactivate the system, press the button fig. 72 on the trim next to the steering wheel. When the system is deactivated, the  warning light in the instrument panel switches on.

For versions/markets, where fitted, a message plus a symbol on the display may appear in the event of activation/deactivation of the system.

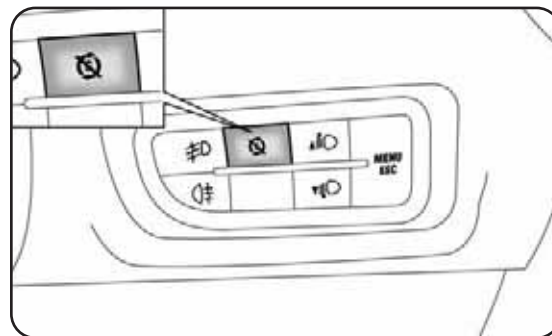


fig. 72


A0J0247m



ENGINE FAILED STOPPING CONDITIONS

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

- still cold engine;
- especially cold outside temperature;
- insufficiently charged battery;
- operating heated rear window;
- windscreen-wiper operating at max. speed;
- particulate filter (DPF) regeneration in progress (only for Diesel engines);
- open driver's door;
- unfastened driver's seat belt;
- engaged reverse (for example during parking manoeuvres);
- for versions equipped with dual zone automatic climate control (for versions/markets, where provided), if an adequate level of thermal comfort has not been reached or MAX-DEF function activation;
- during the first utilization period, for the system initialisation.

In these cases, the display shows a message and - for those versions/markets where it has been fitted - the  symbol on the display flashes.




If temperature comfort is to be preferred, deactivate the Start&Stop system to make the climate control system work continuously

ENGINE RESTARTING CONDITIONS

Due to comfort, emission control and safety reasons, the engine can be restarted automatically without any intervention by the driver, under special conditions, such as:

- insufficiently charged battery;
- windscreen-wiper operating at max. speed;
- low vacuum in the braking system (for example after repeated actions on the brake pedal);
- moving vehicle (for example while driving downhill);
- engine stopping by Start&Stop system for over 3 minutes;
- for versions equipped with dual zone automatic climate control (for versions/markets where provided), to enable suitable thermal comfort or MAX-DEF function activation.

With engaged gear, the engine automatic restarting is possible only by fully pressing the clutch pedal. The driver is informed by the displaying of a message and - for versions/markets where it has been fitted - by the flashing of the  symbol on the display.


Notes

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

In case of undesired engine stopping conditions, for example as a result of sudden clutch pedal release with engaged gear, if the Start&Stop system is active, the engine can be restarted by fully pressing the clutch pedal or placing the gearbox in neutral.

SAFETY CONDITIONS

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 by the ignition key.

This condition is signalled by a buzzer and by a displayed message and - for versions/markets where it has been fitted - by the flashing of the  symbol on the display.


"ENERGY SAVING" FUNCTION

(for versions/markets, where provided)

If, as a result of the engine automatic restarting, the driver does not make 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 by the ignition key.

Note In any case, the engine can be still kept running by deactivating the Start&Stop system.

OPERATING IRREGULARITIES

In case of malfunctioning conditions, the Start&Stop system is deactivated. The driver is informed about the failure through the switching-on of the warning light  on the instrument panel and - for versions/markets where it has been fitted - through the displaying of a message + symbol. In this case, contact Alfa Romeo Authorised Service.



CAR INACTIVITY
(with Start&Stop system with dummy pole)
(for versions/markets where provided)

In case of vehicle inactivity conditions, pay special attention to the disconnection of the battery power supply. The procedure must be made by disconnecting the quick release negative terminal A-fig. 73 from the dummy negative pole B, as the battery negative pole C has a sensor D for battery condition monitoring that must never be disconnected (unless the battery is replaced).

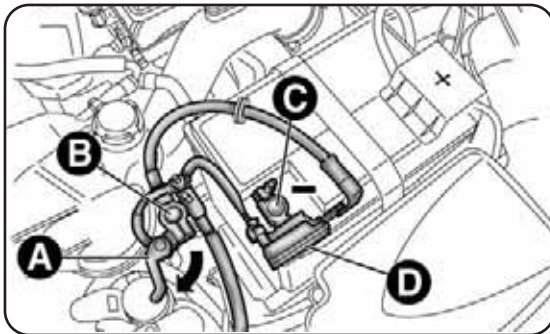


fig. 73

AOJ0249m

CAR INACTIVITY
(with Start&Stop system without dummy pole)
(for versions/markets where provided)

In case of car inactivity, special attention must be paid due to the disconnection of the battery power supply. Proceed as follows: detach the connector A-fig. 74 (by pressing button B) from sensor C for monitoring the battery status 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 Authorised Service. Replace the battery using a new one of the same type (HEAVY DUTY) and having the same specifications.

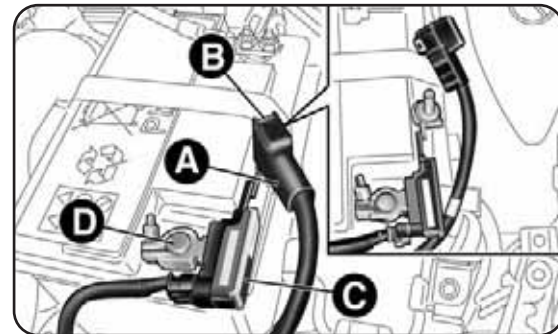


fig. 74

AOJ0207m

EMERGENCY STARTING**(with Start&Stop system with dummy pole)**

(for versions/markets where provided)

In case of vehicle jump starting, never connect the negative cable (—) of the auxiliary battery to the negative pole B - fig. 75 of the vehicle battery, rather to the dummy pole A or to an engine/gearbox earth point.

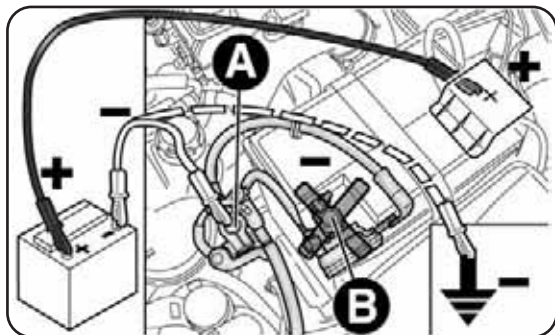


fig. 75

A0J0251m

EMERGENCY STARTING**(with Start&Stop system without dummy pole)**

(for versions/markets where provided)

When jump starting, never connect the negative lead (—) of the auxiliary battery to the negative pole A - fig. 76 of the car battery, but rather to an engine/gearbox earth point.

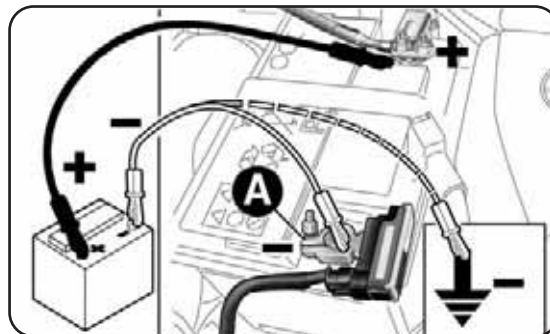


fig. 76

A0J0323m



before opening the engine hood, make sure the vehicle engine has been stopped and the ignition key is in STOP position. Comply with the instructions of the plate under the engine hood, fig. 77.

Remove the key when other passengers are being transported inside the vehicle. Get off the vehicle only after having removed the ignition key or having rotated it to the STOP position. During refuelling, make sure the vehicle engine has been stopped and the key is in STOP position.

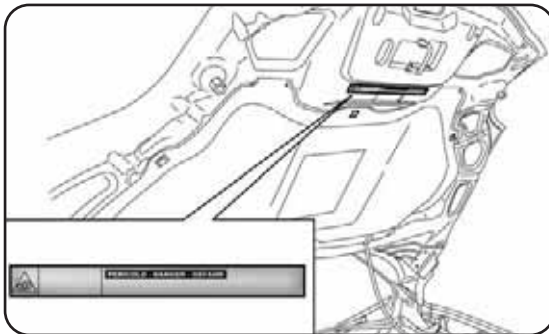


fig. 77

A0J0341m

DYNAMIC SUSPENSION (active shock absorber system)

(for versions/markets where provided)

This system interacts with the “Alfa DNA” system (see paragraph “Alfa DNA”). The lever A - fig. 70 allows you to choose three different driving settings depending on the route type and on the road surface:

- d = Dynamic (sports driving mode);
- n = Normal (normal driving mode);
- a = All Weather (mode for driving in poor grip conditions, for example, rain or snow)

In “Normal” and “All Weather” operating mode, the active shock absorbers adjust the car suspension to suit the route type and the driving stresses, thus considerably improving driving comfort in particular on rough terrain.

The “Dynamic” function allows the driver to choose a sports driving setting featuring more responsive acceleration and suitable steering characteristics. Further on, the shock absorber damping action is correctly adjusted and divided to guarantee higher car's precision and reactivity combined with good comfort. The car is more precise when entering bends and quicker in changing direction.

EOBD SYSTEM

(for versions/markets, where provided)

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

- keep the system efficiency under control;
- indicate an increase in emissions;
- indicate the need to replace deteriorated components.

The vehicle 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 Authorised Services are obliged to run tests and, if necessary, road tests which may also call for a long journey.

ELECTRIC POWER STEERING

This only works with the key turned to MAR and the engine started. Power steering allows the force required at the steering wheel to adapt to driving conditions.

The different power assistance modes can be selected via the d,n,a positions of the "Alfa DNA System" lever (see paragraph "Alfa DNA System").



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



Before carrying out any maintenance operation switch off the engine and remove the ignition key to activate the steering lock. This is particularly important if the vehicle's wheels are raised from the ground.



RADIO WIRING SYSTEM

(for versions/markets, where provided)

If no radio was requested at the time of purchase, the vehicle is provided with a double oddment compartment on the dashboard fig. 78.

The radio wiring system is composed of:

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

The radio should be fitted in the dedicated compartment A-fig. 78, which should be removed by pressing on the two retaining tabs in the compartment: the power supply cables can be found here.



When connecting a car radio to the radio wiring contact an Alfa Romeo Authorised Service to prevent any faults from occurring that might compromise the safety of your vehicle.

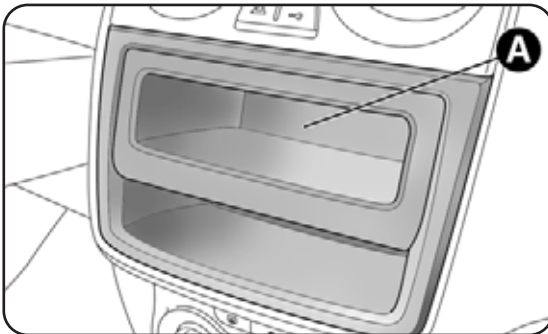


fig. 78

A0J0087m

WIRING FOR NAVIGATION SYSTEM

(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.

Insert the Navigation system into the housing shown in fig. 79.

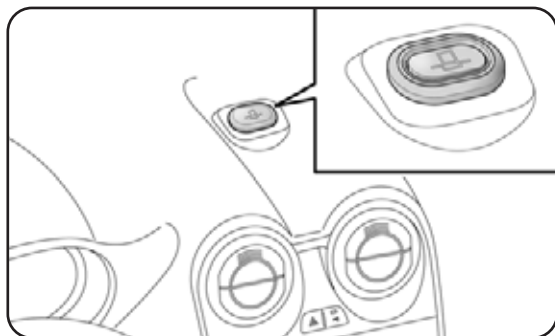


fig. 79

A0J0107m

INSTALLATION OF ELECTRICAL/ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the car by after-market services must carry the following label: **e CE**.

Fiat Group Automobiles S.p.A. authorises the installation of transceiving devices provided that they are installed according to rules of good engineering practice in accordance with the manufacturer's instructions and at a specialised centre.

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.



RADIO TRANSMITTERS AND CELLULAR PHONES

Radio transceiver equipment (vehicle mobile phones, CB radios, amateur radio and similar equipment) 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.

In addition, transmission and reception of these devices may be affected by the shielding effect of the car body. With regards to the use of EC-approved mobile phones (GSM, GPRS, UMTS), adhere strictly to the instructions for use provided by the mobile phone manufacturer.

PARKING SENSORS

(for versions/markets, where provided)

The parking sensors are located in the rear bumper fig. 80 and their function is to inform the driver, through an intermittent buzzer, of the presence of obstacles behind the car.

ACTIVATION

The sensors are activated by engaging reverse gear. As the distance from the obstacle behind the car decreases, the acoustic alarm becomes more frequent.

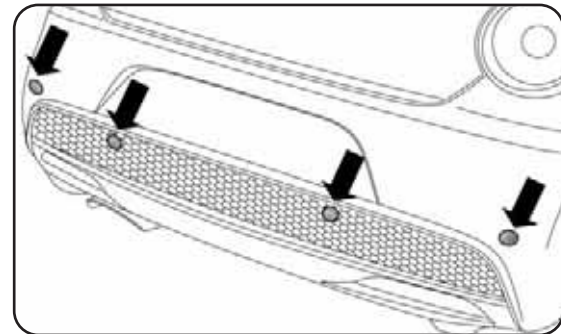


fig. 80

A010088m

INDICATIONS ON DISPLAY

(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. 81; 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.

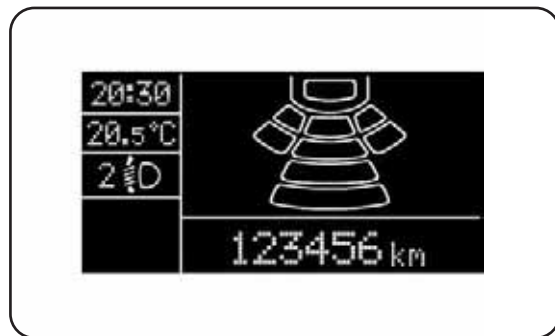


fig. 81

A0J0370m

The acoustic signal:

- becomes louder as the distance between the car and the obstacle decreases;
- becomes continuous when the distance between the car and the obstacle is less than 30 cm and stops immediately if the distance increases;
- is constant if the distance is unchanged; if this situation concerns the side sensors, the buzzer will stop after about 3 seconds to avoid, for example, warning indications in the event of manoeuvres along walls.

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

Detection distances

Central action range: 140 cm

Side action range: 60 cm

If several obstacles are detected, the control unit indicates the nearest one.

OPERATION WITH TRAILER

Parking sensor operation is deactivated automatically 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. Clean the sensors with 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.



For repainting the bumpers or retouching the paint-work around the sensors contact an Alfa Romeo Authorised Service. The 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: in all cases, you must always pay the utmost attention during potentially dangerous manoeuvres, even when these are carried out at low speed.

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 vehicle may not be detected by the system and may damage the vehicle or become damaged themselves.

Here below are some conditions that may influence the performance of the parking system:

- reduced sensor sensitivity and reduced parking aid system performance could be caused by the presence of the following on the sensors: ice, snow, mud, multiple layers of paint;
- the sensors detect objects that are not there ("echo disturbance") caused by mechanical disturbances, for example: washing the car, rain (extreme wind conditions), hail;
- the indications 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 vehicle and carrying out specific tuning operations that require the vehicle to be lowered;
- the detection of obstacles to the upper part of the vehicle is not guaranteed as the system is designed to detect obstacles that could impact the lower part of the vehicle.

T.P.M.S. SYSTEM **(Tyre Pressure Monitoring System)**

(for versions/markets, where provided)

The vehicle can be fitted with a tyre pressure monitoring system (T.P.M.S.), which informs the driver of the tyre inflation pressure via the “Check the tyre inflation pressure” and “Insufficient tyre inflation pressure” warning messages.

This system comprises of a radio frequency transmitter fitted to each wheel (on the wheel rim inside the tyre), which is able to send information on the tyre inflation pressure of each wheel to the control unit.

IMPORTANT NOTES ABOUT THE T.P.M.S. SYSTEM

The fault indications are not stored and will therefore not be displayed after the engine has been switched off and then on again. If the fault conditions persist, the control unit will send fault information to the instrument panel only after the vehicle has been in motion for a short time.



The presence of the T.P.M.S. system does not mean the driver should not carry out regular checks on the tyre inflation pressure and spare wheel.



Take the greatest of care when checking and topping up the tyre inflation pressure. Excessive pressure compromises road holding, increases the stress on the suspension and wheels as well as increasing the risk of the tyres wearing out un-evenly.



The tyre inflation pressure should be measured with the tyres at rest and cold; if for any reason the pressure is checked when the tyres are warm, do not reduce the pressure if it is excessive but rather wait until the tyres have cooled down and carry out the check again.



Should one or more wheels be fitted without sensors, the display will show a warning message and the system will no longer be available until 4 wheels fitted with sensors are fitted.



The T.P.M.S. system is not able to detect sudden tyre inflation pressure losses (for example when a tyre explodes). In this case stop the car, braking with care and avoiding sharp steering actions.



Tyre inflation pressure can vary according to outdoor temperature. The T.P.M.S. system may temporarily indicate insufficient pressure. In this case check the tyre inflation pressure with the tyres cold and, if necessary top up the inflation pressure.



Replacing the normal tyres with winter tyres and vice versa requires the inspection of the T.P.M.S. system, which should only be carried out by an Alfa Romeo Authorised Service.



When a tyre is removed, it is advisable to replace the rubber gasket for the valve. Contact an Alfa Romeo Authorised Service. Tyre and wheel fitting/removal operations require specific precautions; to avoid damaging or fitting the sensors incorrectly, tyre and wheel fitting/removal operations should only be carried out by specialists. Contact an Alfa Romeo Authorised Service Provider.



The T.P.M.S. system requires the use of specific equipment. Contact an Alfa Romeo Authorised Service to find out which accessories are compatible with the system (wheels, hub caps etc.). The use of other accessories may affect the normal operation of the system.



Strong radio frequency disturbance can compromise the correct operation of the T.P.M.S. system. The driver is warned of this condition via a message on the display. The warning message will go off automatically as soon as the radio-frequency noise ceases to disturb the system.

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

Operation	Presence of sensor	Indication fault	Operation Alfa Romeo Authorised Service
—	—	YES	Contact an Alfa Romeo Authorised Service
Wheel change with small spare wheel	NO	YES	Repair damaged wheel
Wheel change with winter tyres	NO	YES	Contact an Alfa Romeo Authorised Service
Wheel change with winter tyres	YES	NO	—
Wheel change with others of different size (*)	YES	NO	—
Wheel cross switching (front/rear) (**)	YES	NO	—

(*) Given as an alternative in the Owner Handbook and available in Lineaccessori Alfa Romeo.

(**) Not cross switched (tyres must stay on the same side).



AT THE FILLING STATION

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.

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 using or parking the vehicle 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.

FUEL FILLER CAP

Opening

- 1) Open the flap A-fig. 82 pulling it outwards, keep the cap B still, insert the ignition key in the lock and turn it anti-clockwise.
- 2) Turn the cap anti-clockwise and extract it. The cap has a device C retaining it to the flap so it cannot be lost. When refilling, attach the cap to the flap D.

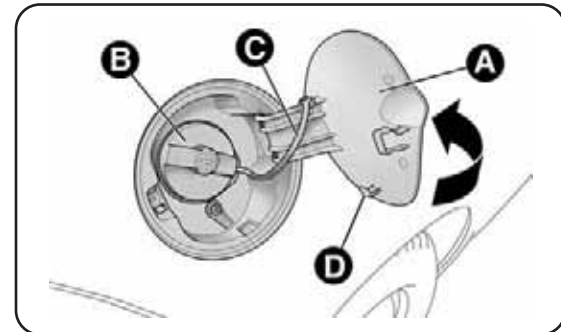


fig. 82

A0J0327m

Closing

- 1) Fit the cap (complete with key) and turn it clockwise until it clicks once or more.
- 2) Turn the key clockwise and extract it, then close the flap.

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.



Keep naked flames or lighted cigarettes away from the fuel filler hole as there is a danger of fire. Do not bend too close to the hole either so as not to breathe in harmful vapours.

PROTECTING THE ENVIRONMENT

The devices for limiting petrol engine emissions are: catalytic converter, Lambda sensors and anti-evaporation system.

The devices for curtailing diesel engine emissions are the following: oxidising catalytic converter, exhaust gas recirculation system (E.G.R.) 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 on grass, dry leaves, pine needles or other flammable material: fire risk.



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SEAT BELTS

USING THE SEAT BELTS

Wear the belt keeping the chest straight and rested against the backrest. To fasten the seat belts, hold tongue A-fig. 1 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. 1 when travelling.

The rear seat is fitted with inertia seat belts with three anchor points and reel. Fasten the rear seat belts as shown in fig. 2.

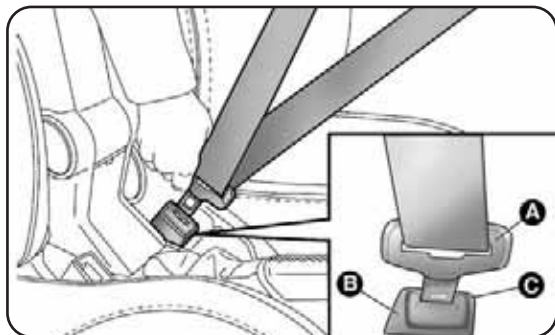


fig. 1

A0J0101m

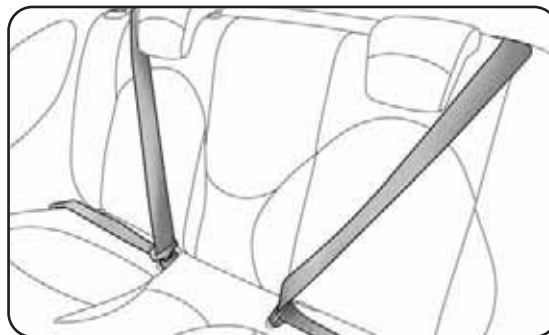


fig. 2

A0J0102m



IMPORTANT The backrest is correctly secured when the “red band” B-fig. 3 on the backrest lowering levers A disappears. This red band indicates that the backrest is not secured.

IMPORTANT After putting the seats back in their travel position, restore the seat belt position to make them ready for use.



Make sure the backrest is properly secured on both sides (red bands B-fig. 3 not visible) to prevent it from moving forward in the event of sharp braking, which may cause injuries to passengers.

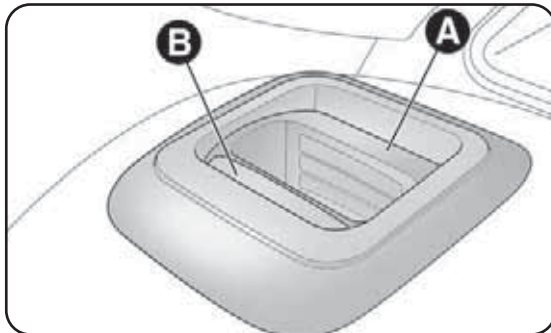



fig. 3

AOJ0182m

S.B.R. SYSTEM (Seat Belt Reminder)

This system comprises of a buzzer, 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.

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. 4), which warns front and back seat passengers through acoustic and visual signals if their seat belts have not been fastened.

Contact an Alfa Romeo Authorised Service Provider to deactivate this system permanently. The S.B.R. system can only be reactivated via the display Set Up Menu (see chapter “1”).

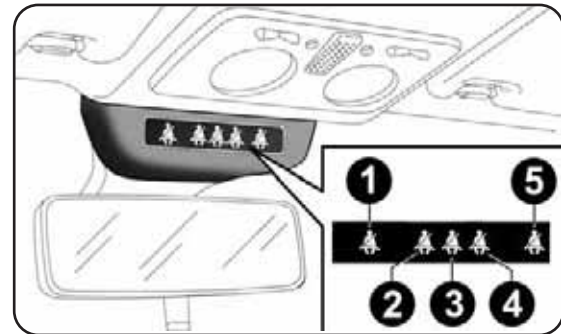


fig. 4

AOJ0339m

The warning lights can be red and green and they operate as follows (fig. 4):

- 1 = front left seat (driver's condition for left-hand drive versions)
- 2 = rear left seat (passenger)
- 3 = rear centre seat (passenger)
- 4 = rear right seat (passenger)
- 5 = front right seat (passenger's condition for left-hand drive versions)

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

Driver

If the driver is the only occupant and his seat belt is unfastened, 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 reminder sequence will be started for front seats, consisting of a tone for 6 seconds followed by a 90 second beep. The warning light will blink. The warning lights will stay on fixed at the end of the cycle until the engine is stopped. The acoustic reminder will be interrupted immediately when the driver's seat belt is fastened and the warning light will turn green. The reminder cycle (acoustic and visual) will be repeated as described above and the red warning light will flash if the seat belt is unfastened again while travelling.

Passenger

A similar situation arises for the front passenger, except that the warning lights becomes green and the signal also stops when the passenger leaves the car. In the event that both front seat belts are unfastened with the vehicle in motion, a few seconds apart, the acoustic signal refers to the most recent event, while both warning lights display a visual signal independently of one another.

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

For rear seats, the reminder cycle is run only when any seat belt is unfastened (red flashing warning light). In this condition, the warning light referred to the seat belt which has been unfastened will become red and blink for approximately 30 seconds. There is also an acoustic signal.

The visual indication (red flashing) will start and stop independently for each warning light if several seat belts are unfastened. The warning light will become green when the relevant seat belt is fastened again.

After about 30 seconds from the last reminder, the warning lights for rear seats will switch off, independently of the belt conditions (red or green).

IMPORTANT NOTES

The warning lights are all off if all seat belts (front and rear) are already fastened when the ignition key is turned on MAR.

All warning lights will light up when at least one belt goes from fastened to unfastened or vice versa.



PRETENSIONERS

The vehicle 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.

The activation of the pretensioners can be detected from the retraction of the belt towards the reel.

The vehicle also features a second pretensioning device (fitted near the kick plate): The activation of this device is indicated by the shortening of the metal cable.

A small amount of smoke may be produced during the activation of the pretensioners. This smoke is in no way toxic and does not indicate an outbreak of fire.

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

The pretensioner does not require any maintenance or greasing: anything that modifies its original condition 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 passenger's safety, the front seat belt reels contain a load limiter which allows controlled sag in such a way as to dose the force acting on the chest and shoulders during the belt restraining action in case of front crash.



The pretensioner can only be used once. Once it has activated contact an Alfa Romeo Authorised Service Provider to have it replaced. The expiry date of the device is shown on the label in the glove compartment: Contact an Alfa Romeo Authorised Service Provider when the time comes to replace the device.



Operations which lead to shocks, vibrations or localised heating (over 100°C for a maximum of 6 hours) in the area around the pretensioners may damage or trigger them. These devices are not affected by vibrations caused by irregularities of the road surface or low obstacles such as kerbs, etc. Contact an Alfa Romeo Authorised Service Provider for any assistance.

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 used by pregnant women: risk will be significantly reduced for both the expectant mother and the child in the event of an accident.

Pregnant women must position the lower part of the belt very low down so that it passes under the abdomen fig. 5.

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. 6), 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 fastened increases the risk of serious injuries or even death in the event of a crash.

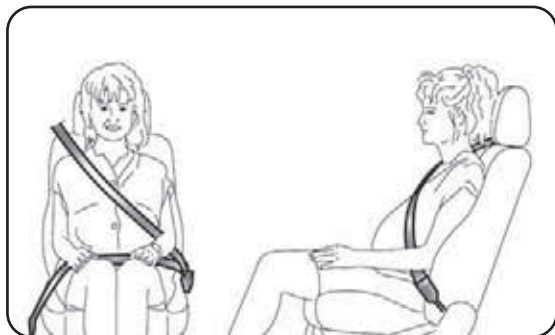


fig. 5

A0J0094m



fig. 6

A0J0095m



Each seat belt may only be used by a single person: Do not carry children on your lap with one seat belt protecting both (fig. 7). In general, do not place any objects between the passenger and the belt.



Under no circumstances should the seat belt and pretensioner components be removed or tampered with. All interventions must be performed by qualified and authorised personnel only. Contact an Alfa Romeo Authorised Service Provider.



fig. 7

AOJ0096m



If the belt has been subjected to heavy stress, for example after an accident, it should be changed completely together with the anchors, anchor fastening screws and the pretensioners. In fact, 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 without impediments;
- 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 substance which could damage the belt fibres.
- Keep the reels dry: correct operation may only be ensured if the reels are dry;
- Replace the seat belt when it shows significant wear or cuts.

CARRYING CHILDREN SAFELY

For optimal protection in the event of a crash, all passengers must be seated and wear 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 adults, their head is proportionally larger and heavier than the rest of the body, while the muscles and bone structure are not completely 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 results of research on the best child restraint systems are contained in the European Standard EEC-R44. This Standard enforces the use of restraint systems classified in five groups:

- Group 0 up to 10 kg in weight
- Group 0+ up to 13 kg in weight
- Group 1 9-18 kg in weight
- Group 2 15-25 kg in weight
- Group 3 22-36 kg in weight

All restraint devices must bear the certification data, together with the control brand, on a solidly fixed label which must absolutely 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 airbag on the passenger's side is enabled. Deployment of the airbag 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 away from the direction of travel, 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. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.



FITTING "UNIVERSAL" CHILD SEAT (with seat belts)

GROUP 0 and 0+ fig. 8

Children weighing up to 13 kg must be carried in cradle seats facing backwards, which by supporting the head, do 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. 8

A0J0097m

GROUP 1 fig. 9

Children from 9 kg to 18 kg in weight can be carried facing forwards if the child seat is fitted with a front cushion.



The figures are indicative for assembly purposes only. To install the child restraint, refer to the instructions supplied with the same. Child seats with Isofix attachments are available for a safe anchoring to the seat without using the car seat belts.



fig. 9

A0J0371m

GROUP 2 fig. 10

Children from 15 to 25 kg can be secured using the car seat belts directly. The child seat is only needed 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 is snug on the hips, not the abdomen.



fig. 10

AOJ0099m

GROUP 3 fig. 11

For children between 22 kg and 36 kg, there are boosters allowing the seatbelt to fit correctly. Figure 11 shows proper child seat positioning on the rear seat.



The diagrams are indicative and provided for assembly purposes only. Refer to the instructions supplied with the child seat when fitting.



fig. 11

AOJ0100m



PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL CHILD'S SEAT USE


The car complies with the new European Directive 2000/3/EC which governs the arrangement possibilities for child restraints on the various seats of the car as shown in the following table:

Group	Weight ranges	Passenger front	Passenger rear side and central
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 child restraint systems of the "Universal" category, according to European Standard EEC-R44 for the specified "Groups".

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-side 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 restraint system, which are mandatory by law. Keep the instructions in the car along with the other papers and this handbook. Do not use second-hand 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 throat;
- 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.



"ISOFIX" CHILD RESTRAINT ASSEMBLY SETUP

Provision has been made on the car to mount a Universal Isofix child restraint system, a new European standardised system for carrying children safely.

It is possible to mount at the same time both the traditional restraint system and the Isofix one. Fig. 12 shows a child's seat by way of example. The Universal Isofix child's seat covers weight group: 1.

Other weight groups are covered by a specific Isofix child seat that can be used only if specifically designed, tested and approved for his vehicle (see the list of vehicles accompanying the child seat).

WARNING The centre rear seat is not certified for any type of child's seat.

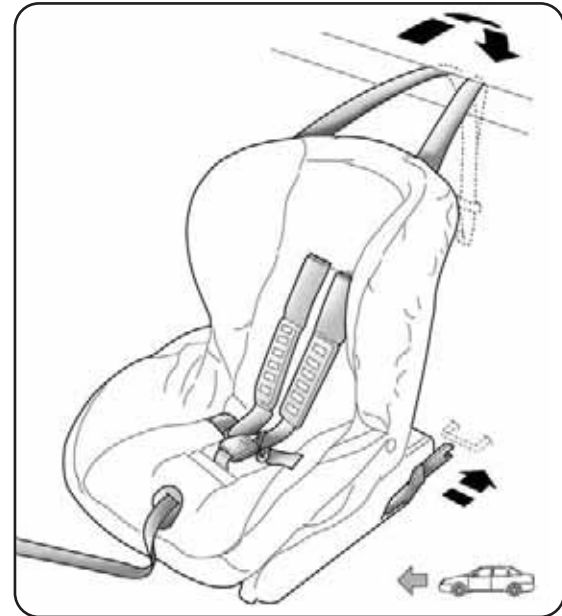


fig. 12

A010093m

INSTALLATION OF ISOFIX CHILD SEAT

Attach the child seat to the dedicated lower metal rings A-fig. 13 located between the backrest and the cushion, then fasten the upper belt (that is supplied together with the child seat) to the special mountings B-fig. 14 located at the rear of the backrest on the rear seat.

It is possible to mount both the traditional restraint system and the "Universal Isofix" one. Remember that when using a "Universal Isofix" child seat, you can only use approved seats with the marking EKE R44/03 "Universal Isofix".

The Universal Isofix "Duo Plus" child seat and the special "G 0/1" 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 manufacturer must supply with the child seat.

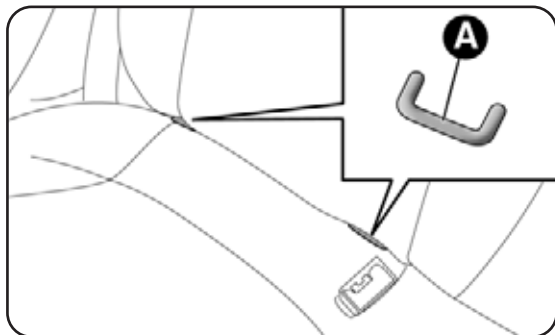


fig. 13

A0J0092m

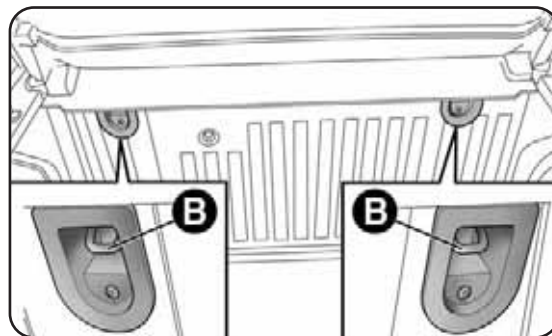


fig. 14

A0J0335m



PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON ISOFIX CHILD SEAT USE

The table below, according to ECE 16 European Directive, shows the different installation possibilities of Isofix restraint systems on seats fitted with Isofix fasteners.

Weight group	Orientation child seat	Grade Isofix size	Rear passenger	
			left side	right side
Portable baby seat	Facing backwards	F	X	X
	Facing backwards	G	X	X
Group 0 up to 10 kg	Facing backwards	E	X	X
	Facing backwards	E	X	X
Gruppo 0 + fino a 13 kg	Facing backwards	D	X	X
	Facing backwards	C	X	X
	Facing backwards	D	X	X
Group 1 from 9 to 18 kg	Facing backwards	C	X	X
	Facing forwards	B	IUF	IUF
	Facing forwards	BI	IUF	IUF
	Facing forwards	A	X	X
	Facing forwards	A	X	X

IUF: suitable for Isofix child restraint systems facing forwards, universal class (fitted with third upper fastener), type-approved for use in this weight group.

X: Isofix position not suited for child restraint systems in this weight group and/or in this size class

FRONT AIRBAGS

The vehicle is equipped with multi-stage front air bags ("Smart bag") for the driver and passenger and knee air bag for the driver.

"SMART BAG" SYSTEM (MULTISTAGE FRONT AIR BAGS)

The front airbags (driver's and passenger's) and the driver knee air bag have been designed to protect the occupants in the event of head-on crashes of medium-high severity, by placing the cushion between the occupant and the steering wheel or dashboard. The air bag do not replace, but rather compliment the use of seat belts, which should always be worn. In the event of a collision, a person not wearing a seat belt may be thrown forward and come into contact with the bag before it has fully opened. The protection offered by the bag is reduced in such a case.

Front airbags may not be activated in the following situations:

- in collisions against highly deformable objects not affecting the car front surface (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. Non deployment in such cases does not constitute a fault.



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

FRONT AIRBAG ON DRIVER'S SIDE fig. 15

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

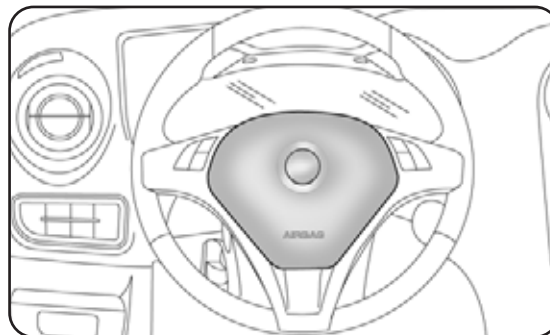


fig. 15

A0J0047m



Always drive with your hands on the steering wheel rim so that the airbag can inflate freely if needed. Do not drive with your body bent forward. Keep your back straight against the back rest.

FRONT AIRBAG ON PASSENGER'S SIDE **fig. 16**

This is located in a dedicated compartment in the dashboard.



Do not arrange child seats facing backwards if the front airbag on the passenger's side is enabled. Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. Always deactivate the passenger's airbag when placing a child seat on the front seat. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard. Although this is not mandatory by law, the airbag should be immediately reactivated when children are no longer carried to ensure better protection for adults.

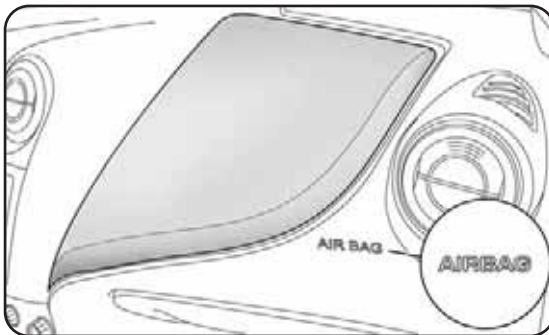



fig. 16

A0J0050m

KNEE AIRBAG ON DRIVER'S SIDE fig. 17

This is located in a dedicated compartment under the steering wheel. It provides additional protection in the event of a frontal impact.

Deactivating the passenger-side front Air Bag and Side Bag

When carrying a child on the front seat, deactivate the passenger-side front Air Bag and Side Bag. With the air bags deactivated, the  warning light is lit in the instrument panel.



To deactivate the air bags see chapter "1" paragraph "Menu Items".

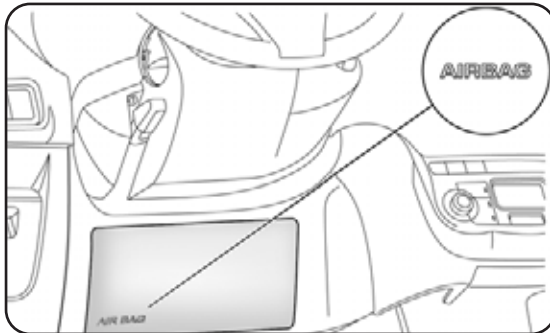


fig. 17

A0J0056m



SIDE AIRBAGS (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.

FRONT SIDE BAGS fig. 18

These are comprised of two types of bag located in the front back rests, which protect the chest area of passengers in the event of a side impact of medium-high severity.

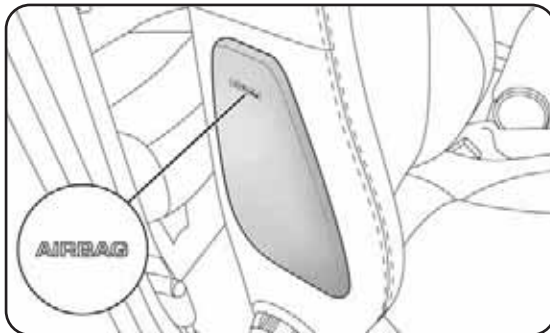


fig. 18

A0J0103m

HEAD PROTECTION SIDE AIR BAGS (WINDOW BAGS) fig. 19

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 airbags are not deployed in the event of side impact of low severity (for which the restraining 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.

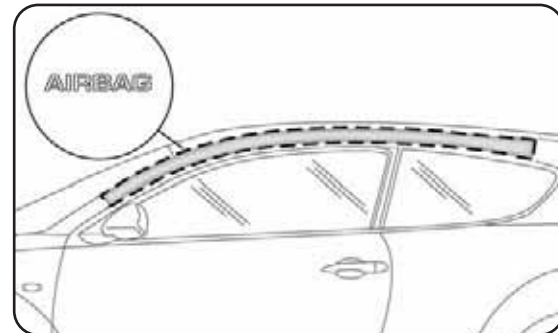


fig. 19

A0J0051m



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.

IMPORTANT NOTES

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 knocks to the underbody of the vehicle (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 in no way toxic and does not indicate an outbreak of fire. It may however irritate the eyes and skin: wash with mild soap and water in the event of exposure.

Airbag checking, repair and replacement must only be carried out by an Alfa Romeo Authorised Services.

If the vehicle is to be scrapped, contact an Alfa Romeo Authorised Services to have the air bags deactivated.

Pretensioners and airbags are deployed according to different logics on the basis of the type of collision. Non-deployment of one of the devices does not necessarily indicate a system malfunction.



If the  warning light does not turn on or if it stays on when travelling (together with the message on the multifunctional display, where provided) when turning the key to MAR, there could be a failure in the restraint systems. If this is the case, the airbags or pretensioners do not trigger in the event of an impact or, in a small number of cases, they may trigger accidentally. Do not drive the vehicle and contact a Alfa Romeo Authorised Services to have the system checked immediately.



The expiry dates of the pyrotechnic charge and spiral contact are shown in the plate installed inside the glove compartment. Refer to an Alfa Romeo Authorised Services when it's time to replace them.



Do not travel with objects on your lap, in front of your chest, or between your lips (e.g. pipes, pencils, etc.) In the event of a crash with airbag activation, you may be seriously injured.




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 Services.



With the ignition key inserted and turned to MAR, even if the engine is off, the air bags can activate also with the car at a standstill, if it is hit by another vehicle. For this reason, children must never sit on the front seat, even if the car is not moving. Please remember that if the key is inserted and turned to the STOP position, no safety device (airbag or pretensioner) activates following a collision. Non-deployment 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 blinks for a few seconds as a reminder that the passenger airbag will activate in the event of a collision. Then it turns off.



The front airbags deploy 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 the engine	154
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
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 NOTES


- 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 on MAR, the  warning light (or symbol in the display) remains lit together with the  warning light, turn the key to STOP and then back to MAR; if the warning light remains on, try using the other keys provided with the car. If you are still unable to start the engine carry out the emergency starting procedure (see “Emergency Start-up” in chapter 4) and contact an Alfa Romeo Authorised Service Provider.
- Never leave the ignition key on MAR when the engine is off.

PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

- engage the handbrake and place the gearbox in neutral;
- turn the ignition key to MAR: the  and  warning lights (or symbol in the display) will come on;
- wait for the warning light (or symbol in the display) to go out;
- press the clutch pedal down to the floor without touching the accelerator;
- turn the ignition key to AVV as soon as the  warning light goes out. Waiting too long will waste the work done by the glow plugs. Release the key as soon as the engine starts.



If warning light  blinks for 60 seconds 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 contact an Alfa Romeo Authorised Services provider as soon as possible.



Is is dangerous to let the engine run in enclosed spaces. The engine depletes oxygen and discharges carbon dioxide, carbon monoxide and other toxic gases.



In the initial period of use, it is advisable to avoid placing the car under excessive stress (for instance excessive acceleration, extended travel at maximum speed, sharp braking etc.).



When the engine is off, do not leave the key in the ignition switch turned to MAR to avoid draining the battery.



Remember that the servo brake and electric power steering are not operational until the engine has been started, therefore more effort than usual is required on the brake pedal and steering wheel.




Avoid jump starting 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 (petrol and diesel engines)

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 gauge starts moving.

EMERGENCY START

If the  warning light in the instrument panel remains on constantly, contact an Alfa Romeo Authorised Service Provider.

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 damaging, especially to turbocharged engines.

PARKING

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 vehicle.

HANDBRAKE fig. 1

To engage the handbrake pull lever A upwards until the vehicle is secured. To disengage slightly raise lever A, press and hold down button B and lower the lever.

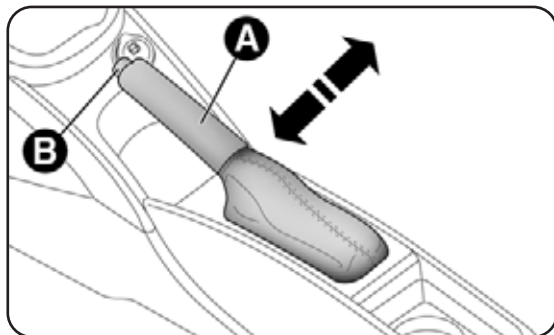


fig. 1

A0J0110m

IMPORTANT Carry out these manoeuvres with the brake pedal pressed.

IMPORTANT For vehicles equipped with a front armrest, lift this up to ensure that it does not interfere with the action of the handbrake.



The vehicle should be secured after several clicks of the lever: if this is not the case, contact an Alfa Romeo Authorised Service Provider to have it adjusted.



USING THE GEARBOX

To engage the gears, press the clutch pedal fully and shift the gear lever into one of the required positions (the diagram for engaging the gears is shown on the knob (fig. 2, fig. 3 and fig. 4). In models with 6 gears, to engage 6th gear, move the gearstick to the right to avoid changing into 4th by mistake. The same goes for changing from 6th to 5th.

To engage reverse (R) from neutral, lift ring A up (fig. 2, fig. 3, fig. 4) from beneath the knob and at the same time:

- shift the gearstick to the left then forward on 1.4 Turbo Petrol 155HP, 1.4 Turbo Multi Air 170HP Quadrifoglio Verde and 1.6 JTDm versions;

- shift the gearstick to the right then back on 1.4 Petrol, 1.4 Turbo Petrol 120HP, 1.4 Multi Air, 1.4 Turbo Multi Air and 1.3 JTDm-2 versions.

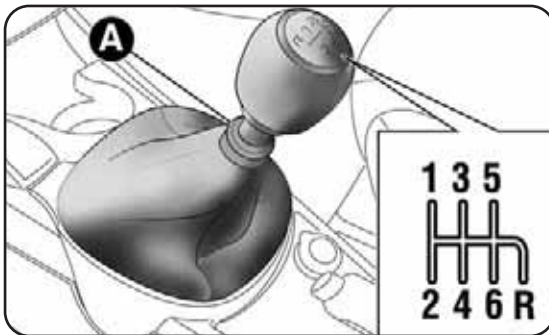


fig. 2 1.4 Petrol, 1.4 Multi Air versions

A0J0265m

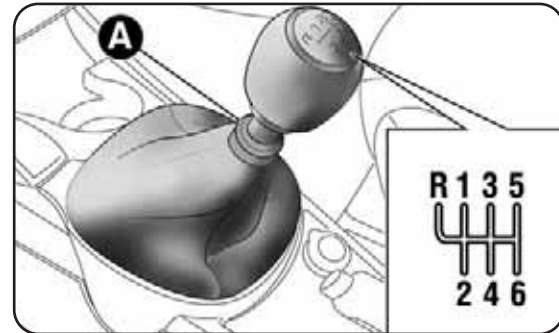


fig. 3 1.4 Turbo Benzina 155HP,
1.4 Turbo Multi Air 170HP Quadrifoglio Verde, 1.6 JTDm versions

A0J0266m

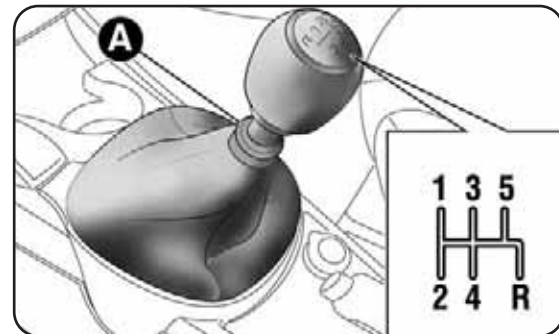


fig. 4 1.4 Turbo Benzina 120HP,
1.4 Turbo Multi Air, 1.3 JTDm-2 versions

A0J0267m

IMPORTANT Reverse may only be engaged when the car is at a standstill. With the engine on, wait at least 3 seconds with the clutch pressed down before engaging reverse gear to prevent it from scraping.



Press the clutch pedal fully to change gears correctly. For this reason, there must be no obstacles on the floor under the pedals: ensure that any rubber mats are correctly positioned, 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 gearbox internal components over time.

SAVING FUEL

Here are some suggestions which may help you to save fuel and lower the amount of toxic emissions released into the atmosphere.

GENERAL CONSIDERATIONS

Car maintenance

Have checks and adjustments carried out in accordance with the "Scheduled servicing plan".

Tyres

Check tyre pressure regularly, at least once every four weeks: excessively low pressure will increase fuel consumption because rolling resistance will be higher.

Unnecessary loads

Do not travel with an overloaded boot. The weight of the car and its ride setting 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 of the car and have a negative effect on fuel consumption. It is better to use a trailer, particularly for transporting 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

Using the climate control system increases fuel consumption: use the air vents when outdoor temperature permits.

Spoilers

The use of non-certified spoilers may adversely affect air drag and fuel consumption.

DRIVING STYLE

Starting

Do not warm the engine up with the car at a standstill and do not use excessive engine speeds: the engine warms up very slowly in these conditions, increasing fuel consumption and emissions. It is advisable to start off immediately and slowly, keeping the engine speed down: the engine will warm up much faster this way.

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

When traffic and road conditions allow, use a high gear. Using a low gear for faster acceleration will increase fuel consumption. In the same way improper use of a high gear increases consumption, emissions and engine wear.

Top speed

Fuel consumption considerably increases as speed increases. Keep your speed as even as possible, avoiding unnecessary braking and acceleration which cause excessive fuel consumption and increased emissions.

Acceleration

Sudden acceleration has a very negative effect on fuel consumption and emissions: accelerate gradually and do not go over the maximum torque ratio.

CONDITIONS OF USE

Cold starting

Short distances and frequent cold start-ups will prevent the engine from reaching optimal running temperature. Consequently, both fuel consumption (from +15 to +30% on an urban cycle) and emissions will increase.

Traffic and road conditions

Rather 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 and rough roads also have a negative effect on fuel consumption.

Traffic hold-ups

During prolonged hold-ups (level crossings) the engine should be switched off.

TOWING TRAILERS

IMPORTANT NOTES

The vehicle must be provided with a type-approved tow hook and adequate electrical system to tow caravans or trailers. Installation must be carried out by a specialist.

Install any specific and/or additional rear-view mirrors as specified by law.

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 vehicle by the same amount. Consider the weight of the fully-laden vehicle weight, including accessories and luggage, to make sure you do not exceed the maximum towable weight (shown on the registration certificate).

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 an Alfa Romeo Authorised Services to install a tow hook.



The ABS system does 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 of the car's hydraulic system.

SNOW TYRES

Use snow tyres of the same size as the normal tyres provided with the car: an Alfa Romeo Authorised Services will be able to advise you on the best tyres for your requirements.

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

The performance of these tyres is considerably reduced when the tread depth is less than 4 mm. Replace them in this case.

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.

SNOW CHAINS

The use of snow chains should be in compliance with local regulations. The snow chains may be applied 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: for 195/55 R16" and 205/45 R17" tyres. Use reduced bulk snow chains with a maximum protrusion from the tyres of 9 mm.

IMPORTANT The spare 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 small spare 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 long distances on roads not covered with snow to prevent damaging the car and the roadbed.

CAR INACTIVITY

If the car is to be left inactive for longer than a month, the following precautions should be noted:


- park the vehicle 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.



**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 Alfa Romeo Authorised Services your nearest**

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STARTING THE ENGINE

If the  warning light in the instrument panel remains on constantly, contact an Alfa Romeo Authorised Service Provider immediately.

STARTING WITH AN AUXILIARY BATTERY

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. 1:

- connect the positive terminals (+ sign near the terminal) of the two batteries with a jump lead;
- with a second lead, connect the negative terminal — of the auxiliary battery to an earth point  on the engine or the gear-box of the car to be started;
- start the engine; when engine has started, remove the cables by reversing the sequence described for connection.

If after several attempts the engine will not start, contact an Alfa Romeo Authorised Service Provider.

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.

BUMP STARTING

Never start the engine by pushing, towing or driving downhill.

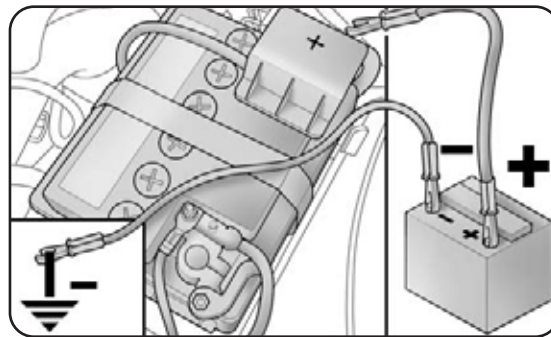


fig. 1

AOJ0111m



REPLACING A WHEEL

GENERAL INSTRUCTIONS

The vehicle is equipped with the "Fix&Go automatic kit": to use this device see the paragraph entitled "Fix&Go Automatic Kit". As an alternative to the "Fix&Go Automatic Kit" the vehicle can be provided with a small spare wheel: see the instructions on the following pages for changing the wheels.



The small spare wheel is specific to the vehicle: do not use it on different vehicle models or use spare wheels from other models on your car. The small spare wheel must only be used in an emergency. Never use it longer than strictly necessary and never exceed 80 km/h. On the small spare wheel there is a label, summarizing the main warnings about the small spare wheel usage restrictions. Never remove or cover the label. Never apply any hub cap to the small spare wheel.



Indicate that the car is stationary according to the laws in force: emergency lights, refracting warning triangle, etc. Passengers should leave the car, particularly if it is heavily loaded, and wait for the wheel to be changed away from on-coming traffic. In the event of a wheel change on a slope or on unsurfaced roads, chock the rear wheels.



Vehicle handling is modified with the small spare wheel fitted. Avoid violent accelerations and braking, sharp steering and fast cornering. The overall lifetime of the small spare wheel is 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 small spare wheel. Repair and refit the standard wheel as soon as possible. Using two or more small spare wheels at the same time is forbidden. Do not apply grease to the bolt threading before assembly: they might loosen spontaneously.



The jack may only be used to replace wheels on the car to which it is fitted or other cars of the same model. Never use the jack for other purposes, such as lifting other car 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 greater than those shown on the label. Never install snow chains on the small 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 small spare wheel on the rear axle. This way, with two normal front driving wheels, you can install the snow chains on them.



If the hub cap is not installed properly, it can detach itself when the vehicle is running. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Regularly check the inflation pressure of the tyres and small spare wheel (see chapter 6).



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.

Replace the wheel as follows:

- stop the car in a position where it does not endanger on-coming traffic and where you can replace the wheel safely. The ground must be flat and compact;
- 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 vehicle;
- open the luggage compartment, pull tab A-fig. 2 and lift up the mat;
- undo locking device A-fig. 3, remove tool box B and place it next to the wheel to be replaced; remove small spare wheel C;

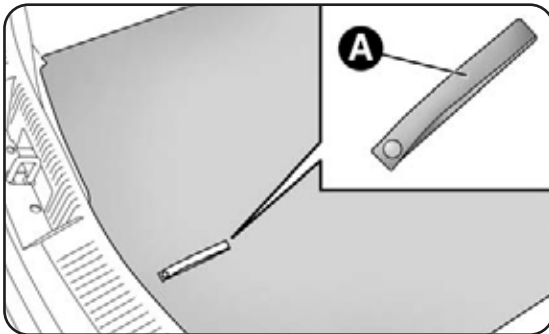


fig. 2

A0J0104m

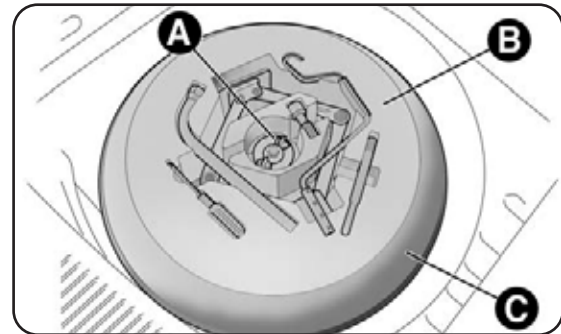


fig. 3

A0J0105m

- for versions with steel wheels: insert the screwdriver into opening A-fig. 4 to release clip B retaining the hub cap.
- use wrench A-fig. 5 to loosen the retaining bolts by one turn;
- for versions with alloy wheels: rock the vehicle to facilitate the detachment of the rim from the wheel hub. Some versions may be fitted with alloy wheels with a hub cap (fig. 6). To remove the hub cap insert the screwdriver into housings A-fig. 6 in order to access the retaining bolts. Replace the wheel as described previously.

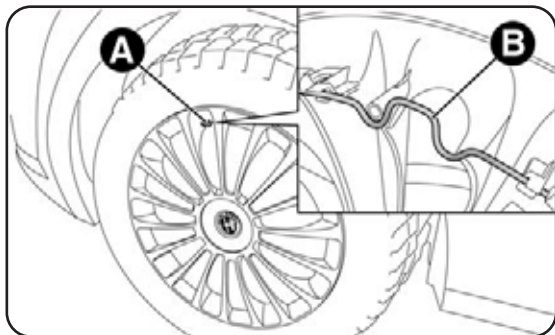


fig. 4

AOJ0236m

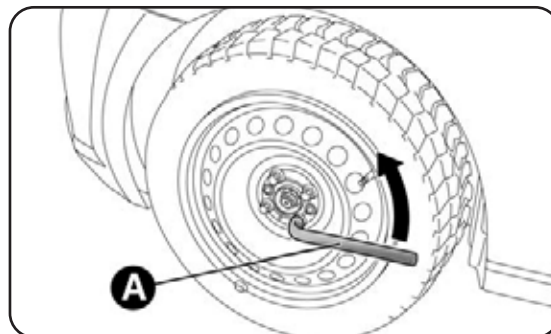


fig. 5

AOJ0106m

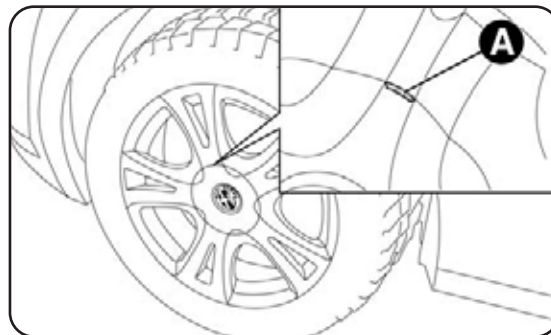


fig. 6

AOJ0238m



- operate device A-fig. 7 to extend the jack, until the upper part B-fig. 8 inserts correctly into 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. 7 into the housing on the device A, operate the jack and lift the car until the wheel is lifted some centimetres off the ground, then remove the damaged wheel;
- make sure that the contact surfaces on the small spare wheel are clean and free of impurities which may subsequently cause the retaining bolts to loosen;
- fit the small spare wheel by inserting the first bolt for two threads into the hole closest to the inflation valve;
- use wrench A-fig. 5 to fully tighten the retaining bolts;
- operate jack handle D-fig. 7 to lower the vehicle. Remove the jack;

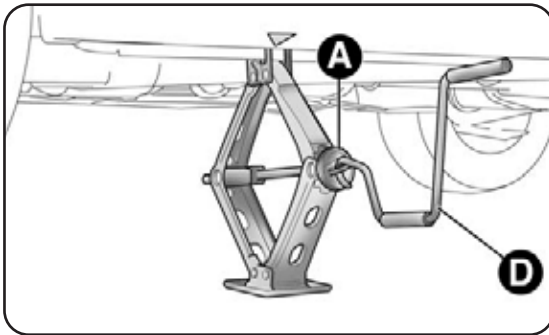


fig. 7

A0J0062m

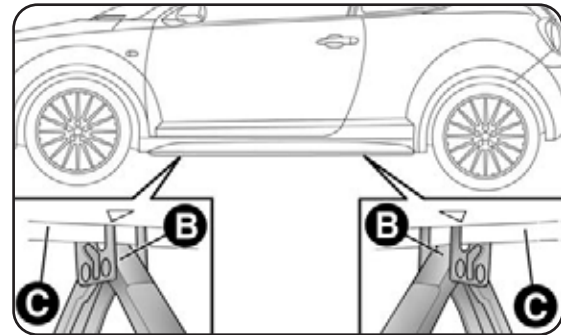


fig. 8

A0J0061m

- use wrench A-fig. 5, to fully tighten the retaining bolts, tightening first one bolt and then the diametrically opposite bolt, following the sequence shown in fig. 9;
- when replacing an alloy wheel it is advisable to place it upside down, with the aesthetic part facing upwards.

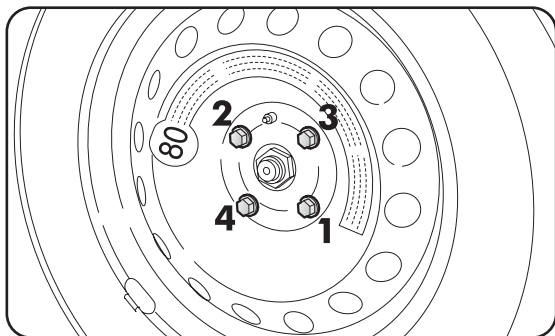


fig. 9

AOJ0271m

REMOVING THE SUBWOOFER (versions with HI-FI bose system)

(for versions/markets, where provided)

IMPORTANT The following procedure only applies to vehicles equipped with Bose Hi-Fi systems with Subwoofer (where provided).

On these versions the tools for replacing the wheel are found in a dedicated bag in the luggage compartment.

Subwoofer and small spare wheel

Proceed as follows to remove the Subwoofer:

- open the luggage compartment, pull tab A-fig. 2 and lift up the mat;
- undo locking device A-fig. 10 and lift up the Subwoofer. Then remove connection cable B from Velcro attachment C;

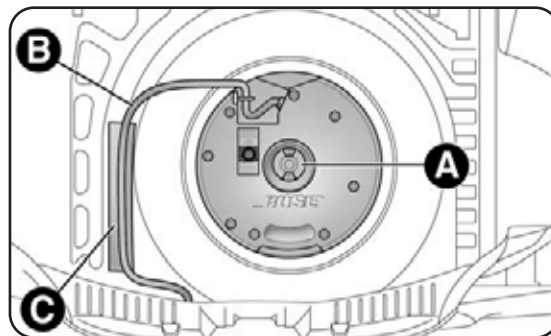


fig. 10

AOJ0180m



- rest the Subwoofer to one side in the luggage compartment, remove the container and take out the small spare wheel;
- replace the wheel as described previously.

After tyre replacement:

- reposition the container (with the arrow pointing forwards) and place the Subwoofer on top of it, taking care to arrange it according to the indications on the container (fig. 11) so that the word "BOSE" is read in the correct position;
- rest cable B-fig. 10 in Velcro Attachment C to avoid pinching it. Then tighten locking device A-fig. 3. Replace the luggage compartment mat.

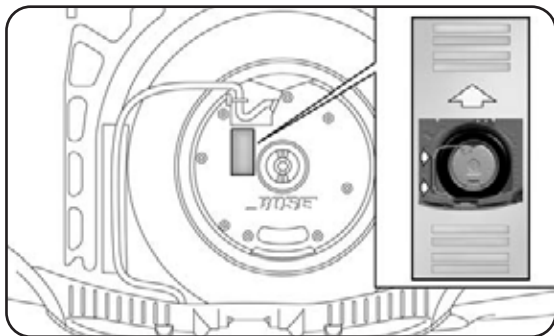


fig. 11

AOJ0260m

Subwoofer and "Fix&Go Automatic Kit" fig. 12

Locating the Fix&Go Automatic Kit:

- open the luggage compartment, pull tab A-fig. 2 and lift up the mat;
- take the automatic Fix&Go Automatic kit located on the right side of the luggage compartment (fig. 12);
- inflate the wheel (see paragraph entitled "Fix&Go Automatic Kit").

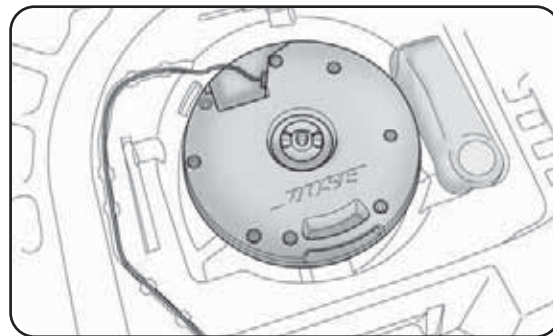


fig. 12

AOJ0239m

REFITTING THE WHEEL

Following the procedure described previously, raise the car and remove the small spare wheel.

Proceed as follows:

- make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;
- tighten the retaining bolts using wrench A-fig. 4;
- lower the car and remove the jack;
- use wrench A-fig. 4 to fully tighten the bolts, following the sequence shown in fig. 9;
- for versions with steel rims: secure the wheel hub to the rim;
- for versions with alloy rims with hub cap: align the pin on the cap with the seat on the rim.

After tyre replacement: stow the small spare wheel in the space provided in the boot; place the jack and other tools into their container; place the container, complete with tools on the small spare wheel; replace the luggage compartment mat.



"Fix&Go Automatic" KIT

This is located in the luggage compartment. The Kit container also contains a screwdriver and the ring. The kit includes:

- a cylinder A-fig. 13 containing sealing fluid and fitted with: a filling pipe B and adhesive label C with the words "max. 80 km/h", to be attached in a position easily visible to the driver (on the dashboard) after tyre repair;
- a compressor D complete with pressure gauge and connectors;
- an information booklet fig. 14, providing instructions for using the kit correctly. This booklet should be given to the persons charged with handling the tyre treated with this kit;
- a pair of gloves located in the side compartment of the compressor;
- adapters for inflating different elements.

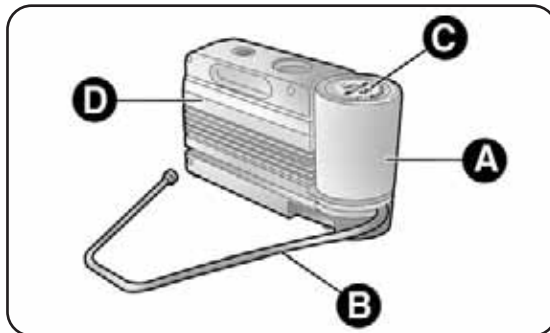


fig. 13

A0J0112m

IMPORTANT The sealing fluid is effective with external temperatures between -20°C and $+50^{\circ}\text{C}$. The sealing fluid also has an expiry date.



Hand over the instruction booklet to the personnel charged with treating the tyre repaired with the Fix&Go Automatic kit.



In the event of a puncture caused by foreign bodies, the kit may be used to repair tyres showing damage to the track or shoulder up to a maximum diameter of 4 mm.

4

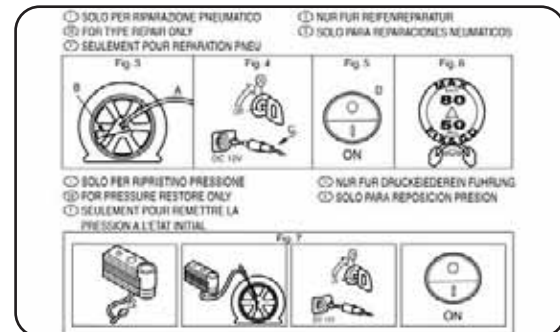


fig. 14

A0J0113m



The kit cannot be used to repair damage to the tyre sidewall. Do not use the fast repair kit on tyres damaged by the vehicle running with a flat tyre.



If the wheel rim is damaged (the channel is so deformed as to cause an 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 may only be repaired temporarily.



Do not dispose of the cylinder and contained sealant in the environment. Dispose of them according to the national and local laws in force.



The cylinder contains ethylene and latex: may cause an allergic reaction. Harmful if swallowed. Irritates the eyes. May cause sensitisation by 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 cylinder in the specific compartment, away from sources of heat. The sealing fluid will expire. Replace the cylinder containing the sealant after the expiry date.



INFLATION PROCEDURE



Wear the gloves provided in the kit.

Proceed as follows:

- Make sure the handbrake is on, unscrew the tyre valve cap, take out the flexible filling pipe, B-fig. 16 and screw down the ring nut C on the tyre valve;
- make sure that switch A-fig. 17 on the compressor is in position 0 (off), start the motor, insert pin A-fig. 18 into the current socket/cigar lighter on the central tunnel and switch on the compressor by placing switch A-fig. 17 in position I (on);
- inflate the tyre to the pressure shown in the paragraph entitled "Wheels" in chapter 6. In order to obtain a precise reading, check the pressure on pressure gauge B-fig. 17 with the compressor off;

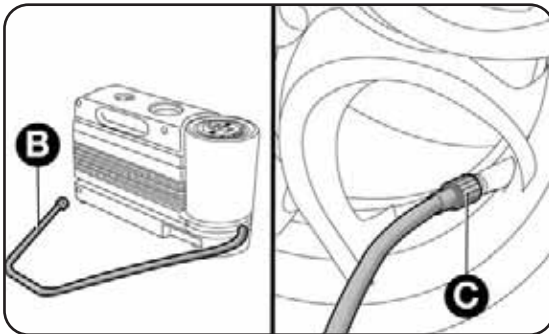


fig. 16

A0J0214m

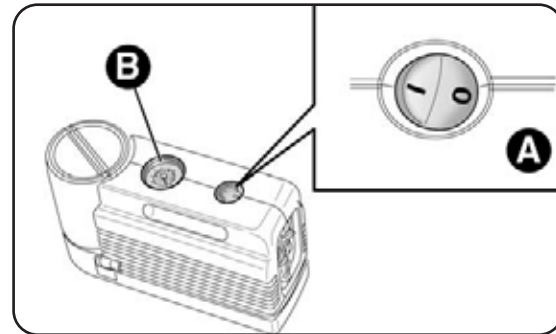


fig. 17

A0J0114m

- if a pressure value of at least 1.8 bars is not reached within 5 minutes, disconnect the compressor from the valve and current socket, move the vehicle forwards by about 10 metres to distribute the sealant fluid in the tyre and repeat the inflation procedure;
- if a pressure value of at least 1.8 bars is not reached within 5 minutes of switching on the compressor, do not continue driving. Contact an Alfa Romeo Authorised Services;
- after having driven for about 10 minutes, stop the car and check the tyre pressure once more: remember to engage the hand-brake;



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.



If the pressure has fallen below 1.8 bar, do not drive any further: the Fix & Go automatic quick tyre repair kit cannot guarantee proper hold because the tyre is too damaged. Contact an Alfa Romeo Authorised Services.

- if a pressure value of at least 1.8 bars is detected, restore the correct pressure (with the engine running and the handbrake engaged), and drive with care to an Alfa Romeo Authorised 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.

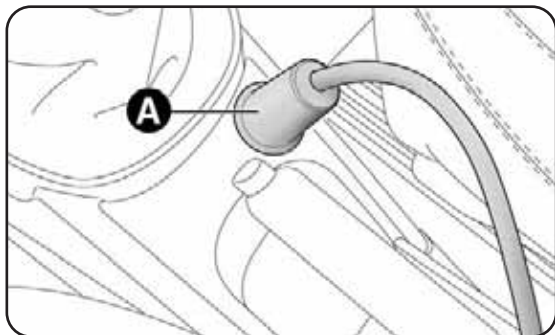


fig. 18

AOJ0116m



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. 19 and connect it directly to the tyre to be inflated.

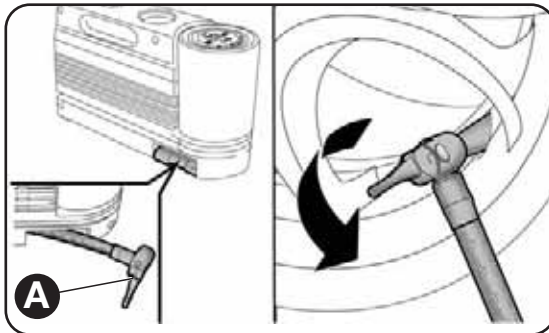


fig. 19

A0J0225m

REPLACING THE CYLINDER

Proceed as follows:

- release coupling A-fig. 20 and disconnect pipe B;
- turn the cylinder to be replaced anticlockwise and raise it;
- fit the new cylinder and turn it clockwise;
- insert coupling A or connect pipe B into its housing.

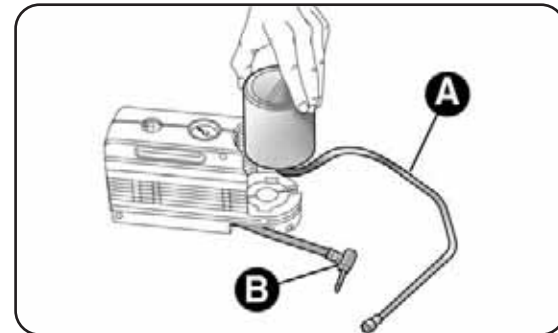


fig. 20

A0J0115m

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 bulb is not working, check that the corresponding fuse is intact before replacing it: refer to the "Replacing fuses" paragraph in this section for the location of fuses.

BULB TYPES **fig. 21**

The vehicle has the following light bulbs:

- A. All glass bulbs: clipped into place. Pull to extract.
- B. Bayonet bulbs: to remove this type of bulb from its holder, press the bulb and turn it anticlockwise.
- C. Cylindrical bulbs: release from the contacts to extract.
- D. Halogen bulbs: release the fastening clip from the corresponding seat to remove the bulb.
- E. Halogen bulbs: release the fastening clip from the corresponding seat to remove the bulb.

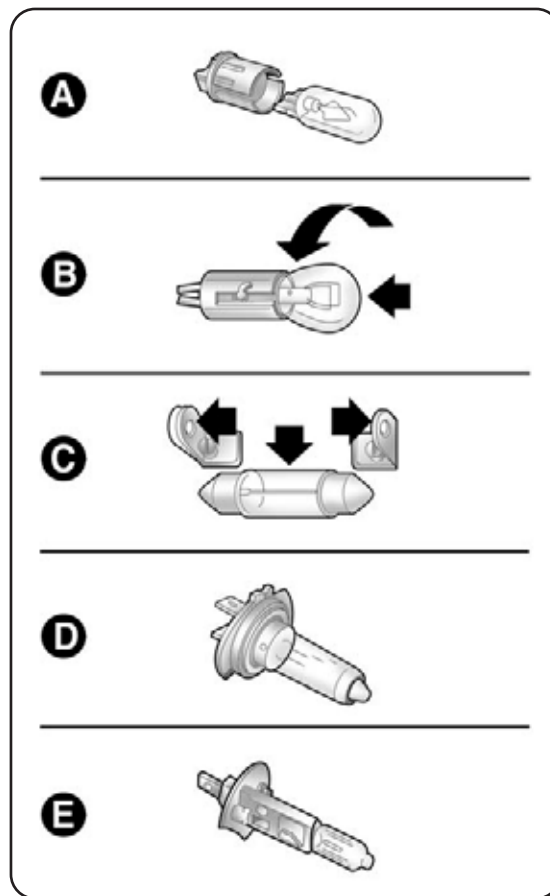


fig. 21



Bulb	Type	Power	Ref. figure
Front side lights/Daylight lights	W21/5W	5/21W	A
Rear side lights	LED	—	—
Dipped beams	H7	55W	D
Main beams	H7	55W	D
Dipped beams/Main beams (versions with Bi-xenon headlights) (for versions/markets, where provided)	F	D1S	—
Front direction indicators	WY21W	21W	B
Rear direction indicators	P21W	21W	B
Side direction indicators	W5W	5W	A
Brake light	LED	—	—
3rd brake light	LED	—	—
Number plate light	W5W	5W	A
Fog lights	H1	55W	E
Rear fog lights	P21W	21W	B
Reversing light	P21W	21W	B
Front courtesy light	C10W	10W	C
Luggage compartment courtesy light	W5W	5W	A
Glove compartment courtesy light	C5W	5W	C
Door lights	W5W	5W	A

REPLACING EXTERIOR BULBS

FRONT LIGHT CLUSTERS fig. 22

These contain the bulbs for the side lights, dipped beams, main beams and direction indicators. The bulbs are arranged as follows:

- A. Side lights/daylight lights and main beam headlights;
- B. Dipped beam headlights;
- C. Direction indicators.

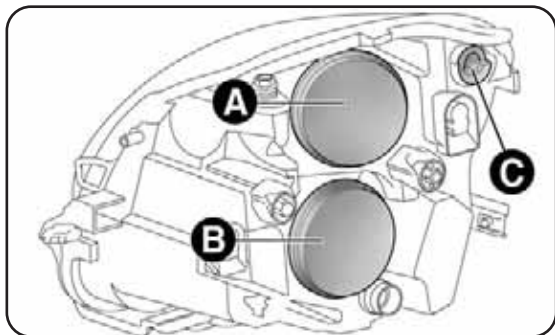


fig. 22

AOJ0021m

SIDELIGHTS/DAYLIGHT LIGHTS

To change the bulb, proceed as follows:

- remove cover A-fig. 22;
- withdraw lamp holder B-fig. 23, remove the bulb and replace it;
- refit lamp holder B making sure it is correctly secured;
- refit cover A-fig. 22;

MAIN BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- remove cover A-fig. 22;
- withdraw lamp holder C-fig. 23, remove the bulb and replace it;
- refit the lamp holder making sure it is correctly secured;
- refit cover A-fig. 22.

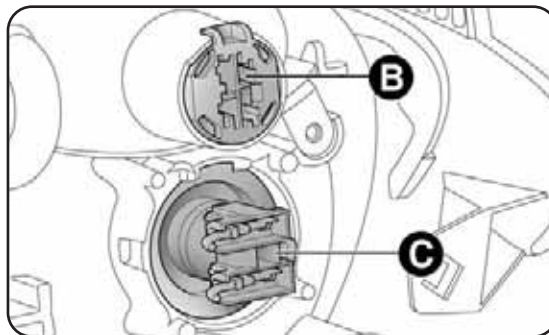


fig. 23

AOJ0041m



DIPPED BEAM HEADLIGHTS

With incandescent bulb

To change the bulb, proceed as follows:

- remove cover B-fig. 22;
- remove cover A-fig. 24 protecting the bulb;
- remove the bulb and replace it;
- refit the lamp holder making sure it is correctly secured;
- refit cover B-fig. 22.

With gas discharge bulbs (Bi-xenon)

(for versions/markets, where provided)



Contact an Alfa Romeo Authorised Service Provider to replace these bulbs.

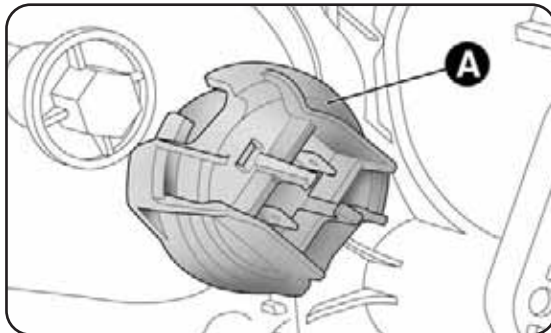


fig. 24

A0J0040m

DIRECTION INDICATORS

Front indicators

To change the bulb take key A-fig. 25 (located in the document holder case), insert in seat B and turn the bulb holder anticlockwise. Remove the bulb and replace it.

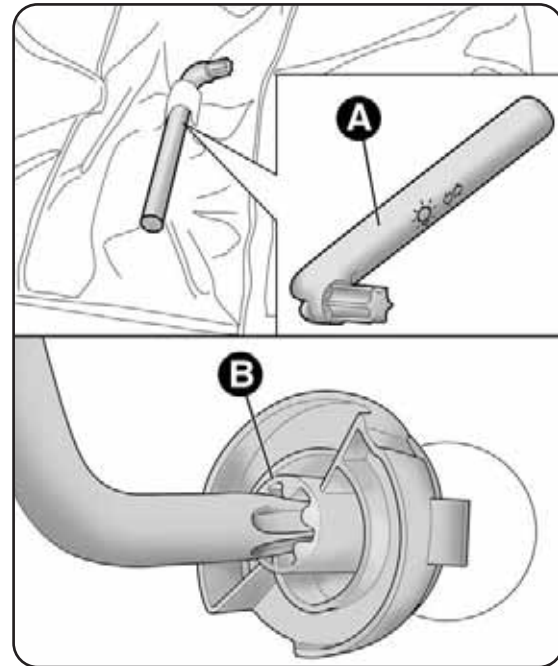


fig. 25

A0J0018m

Side indicators

To change the bulb, proceed as follows:

- work on lens A-fig. 26 to compress clip B, then pull the unit outwards;
- turn bulb holder C anticlockwise, remove the bulb and replace it;
- refit the bulb holder C in the lens and turn it clockwise;
- refit the unit, making sure that internal clip B clips into position.

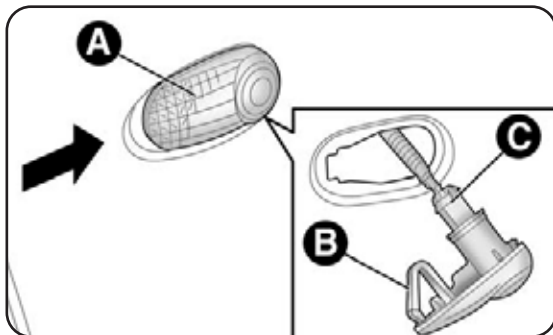


fig. 26

AOJ0042m

FRONT FOG LIGHTS (for versions/markets, where provided)

Contact an Alfa Romeo Authorised Services to replace these bulbs.

REAR LIGHT CLUSTERS

To access the light cluster, move the luggage compartment side trim (see Fig. 27). These contain the bulbs for the side lights, direction indicators and brake lights.

SIDE LIGHTS/BRAKE LIGHTS

These are LED lights. Contact an Alfa Romeo Authorised Services to replace these lights.

DIRECTION INDICATORS

To replace the bulb remove bulb holder A-fig. 27.

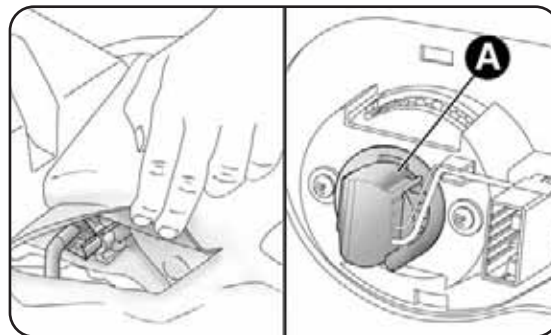


fig. 27

AOJ0043m



REAR FOG LIGHTS/REVERSING LIGHTS

To replace the rear fog lights A-fig. 28 or reversing lights B contact an Alfa Romeo Authorised Services.

NUMBER PLATE LIGHTS

To change the bulb proceed as follows:

- remove the lens unit A-fig. 29;
- turn bulb holder B-fig. 30 anticlockwise, remove bulb C and replace it.

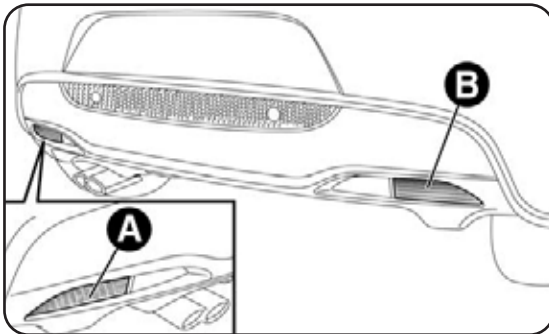


fig. 28

A0J0044m

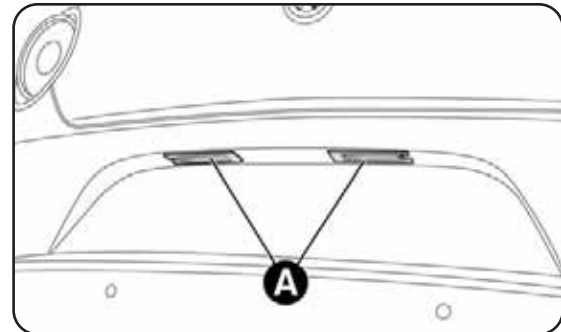


fig. 29

A0J0046m

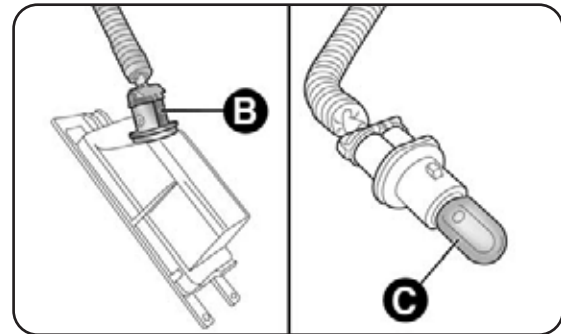


fig. 30

A0J0045m

REPLACING AN INTERIOR BULB

FRONT COURTESY LIGHT

To change the bulb, proceed as follows:

- remove courtesy light A-fig. 31 by applying leverage at the points shown by the arrows;
- open flap B-fig. 32 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. 32 and secure courtesy light A-fig. 31 in its housing.

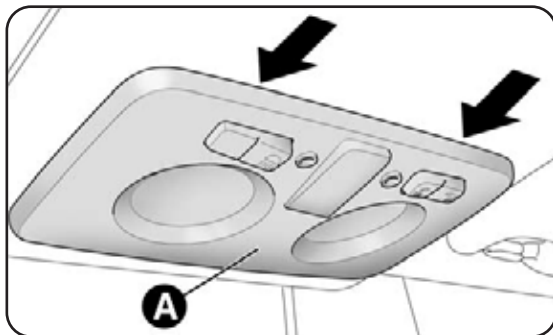


fig. 31

AOJ0120m

LUGGAGE COMPARTMENT COURTESY LIGHT

To change the bulb, proceed as follows:

- open the luggage compartment and remove courtesy light A-fig. 33, by applying leverage at the points shown by the arrows;

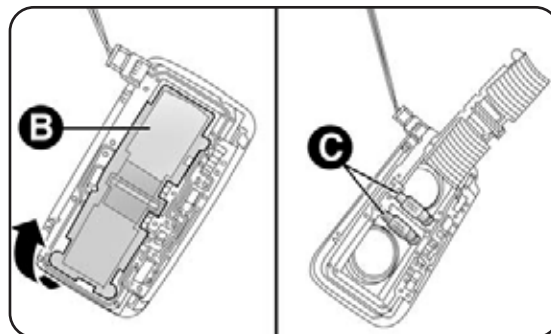


fig. 32

AOJ0121m

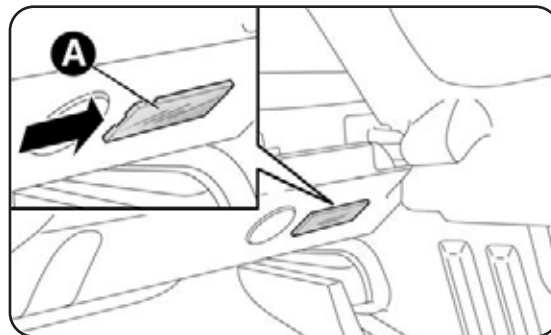


fig. 33

AOJ0119m



- open cover B-fig. 34 and replace the bulb;
- re-close the protective cover B on the lens;
- refit courtesy light A-fig. 33, inserting it into the correct position firstly on one side and then on the other until it clicks into place.

GLOVE COMPARTMENT LIGHT

To change the bulb, proceed as follows:

- open the glove compartment, and remove light A-fig. 35;
- replace bulb B, releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts.

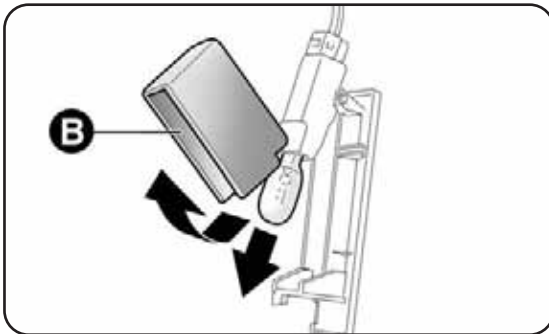


fig. 34

A0J0118m

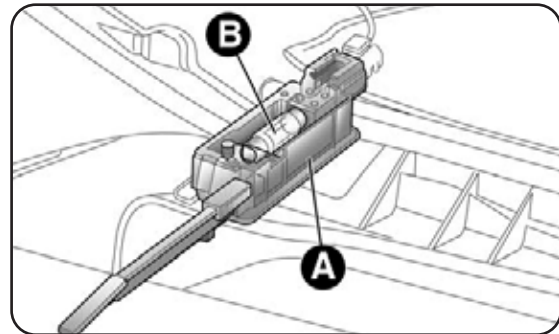


fig. 35

A0J0122m

SUN VISOR COURTESY LIGHT

(for versions/markets, where provided)

To change the bulb, proceed as follows:

- lower the sun visor and remove courtesy light A-fig. 36 by applying leverage at the points shown by the arrows;
- remove protective cover B, releasing it from tabs C, replace bulb D-fig. 37 by pulling it outwards and releasing it from the side contacts;
- insert a new bulb, making sure that it is correctly secured between the contacts;
- refit protective cover B by inserting it between tabs C;
- refit the courtesy light by inserting into side E-fig. 37 and then pressing the other side until hearing the locking click of tab F.

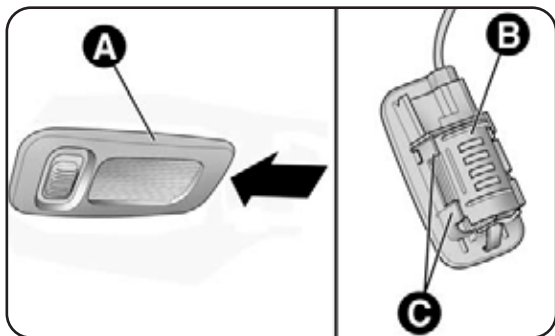


fig. 36

A0J0123m

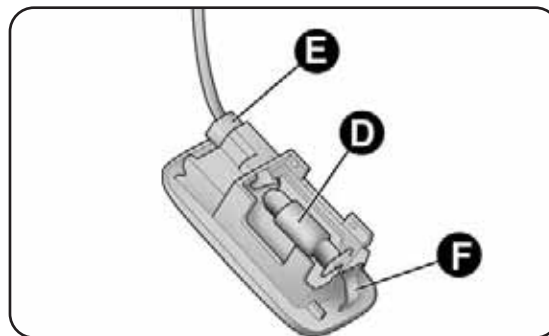


fig. 37

A0J0124m



DOOR LIGHTS

To change the bulb, proceed as follows:

- open the door and remove the light by pushing on tab A-fig. 38 with a screwdriver;
- press sideways on protective cover B near the two fastening pins and replace bulb C;
- refit the protective cover, locking the two fastening pins;
- refit the courtesy light by inserting side D first and then pressing the other side until hearing the locking click of the clip.

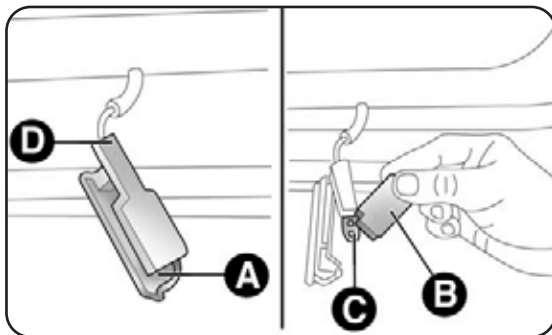


fig. 38

A0J0125m

REPLACING FUSES

INTRODUCTION

Fuses protect the electric system: they blow in the event of a fault in the system. Check the efficiency of the corresponding fuse when a device does not work: the conducting element A must not be interrupted.

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.

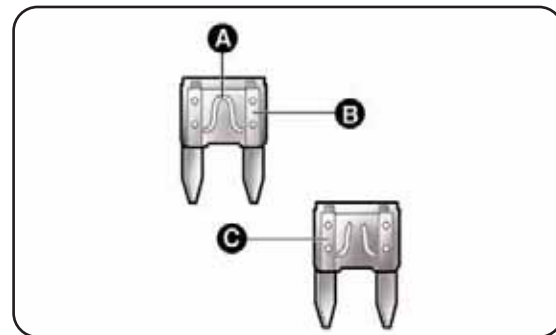


fig. 39

A0J0048m



If the fuse blows again contact an Alfa Romeo Authorised Services.



If a general protection fuse blows contact an Alfa Romeo Authorised Services.



Never replace a blown fuse with anything other than a new fuse.



Before replacing a fuse, make sure you have removed the key from the ignition and have turned off and/or unplugged all energy-consuming devices.



Under no circumstances should a fuse be replaced with one of a higher amperage; FIRE RISK.



If a general protection fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) is activated, contact an Alfa Romeo Authorised Services.



If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering system is triggered, contact Alfa Romeo Authorised Services.



FUSE LOCATION

Fuses are grouped together in three junction units located in the engine compartment, dashboard and luggage compartment

Fuse box in engine compartment

This is located next to the battery: to access the fuses undo bolts A-fig. 40 and remove cover B.

The ID 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 fuse box.

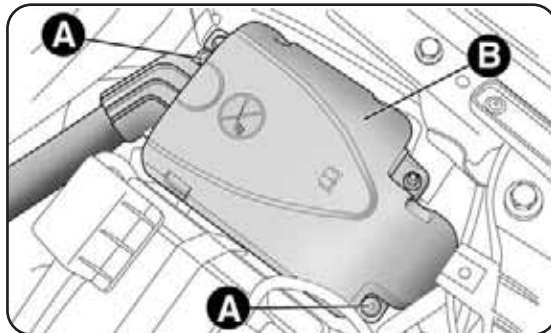


fig. 40

AOJ0126m



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.

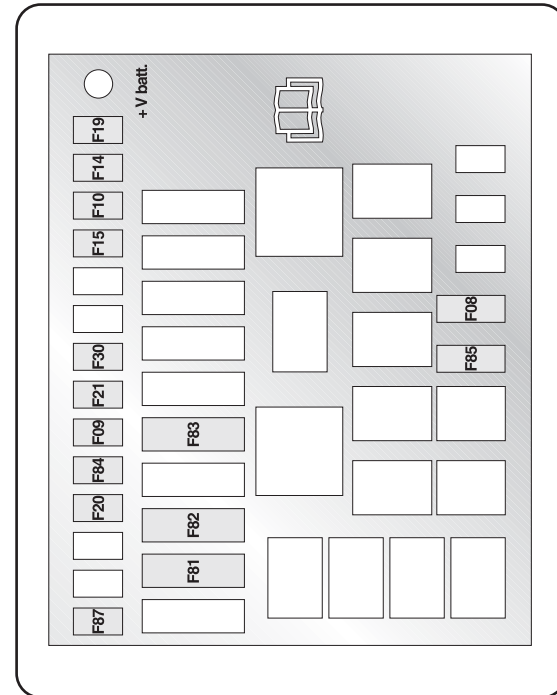


fig. 41

AOJ0204m

Fuse box on dashboard

To access the fuses lower the lid A - fig. 42 and remove the cover B in the area C by releasing the inner retainers C and then the tabs D.

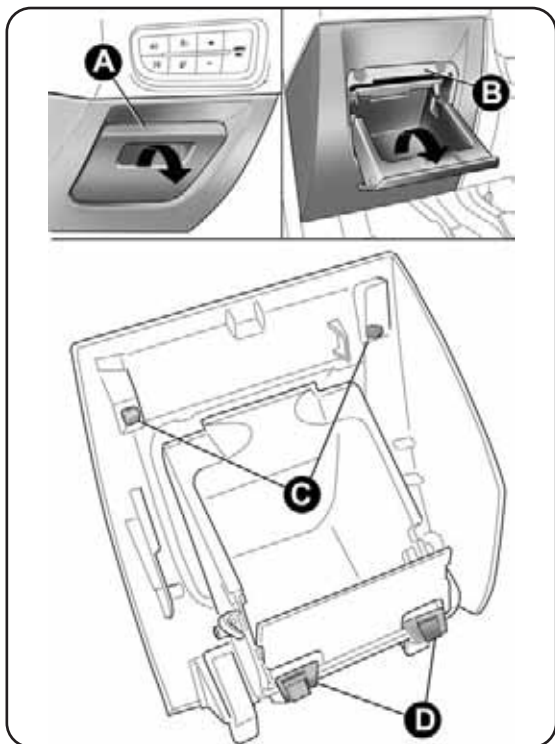


fig. 42

AOJ0334m

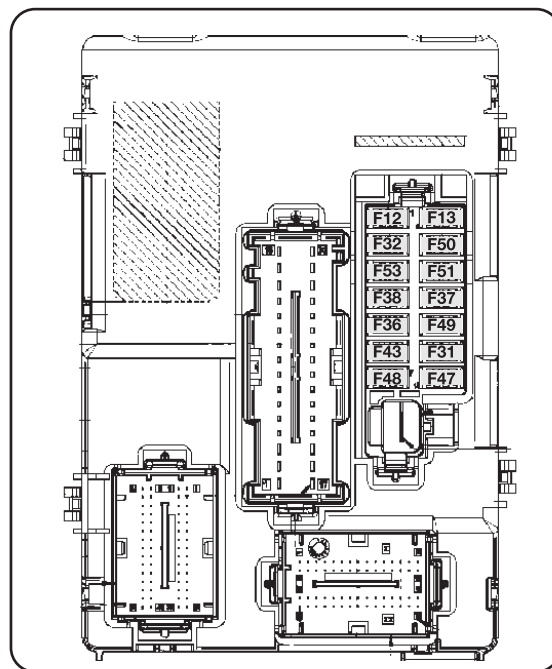


fig. 43

AOJ0205m



Luggage compartment fuse box

To gain access to the fuse box located on the left side of the luggage compartment open the relevant inspection lid (as shown in fig. 44).

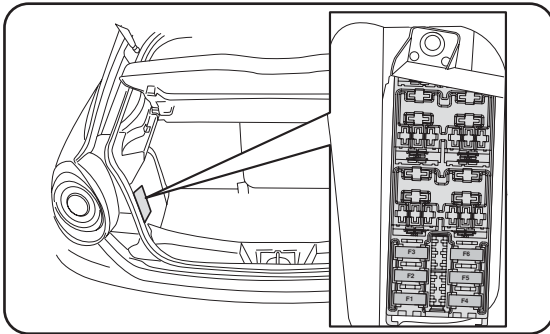


fig. 44

A0J0264m

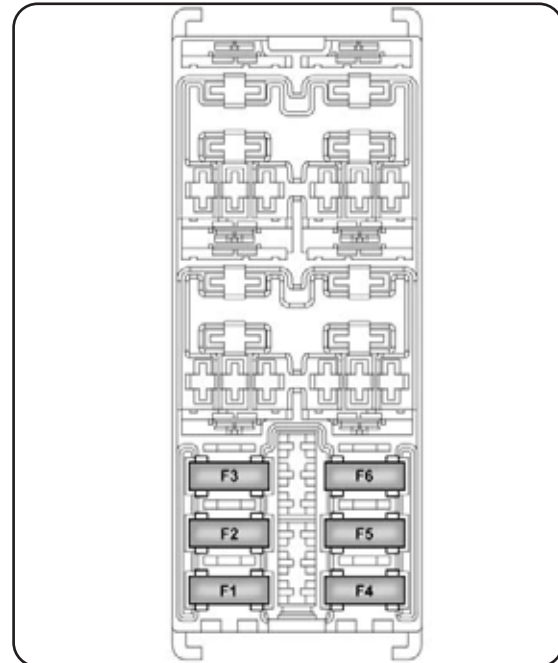


fig. 45

A0J0175m

FUSE SUMMARY TABLE

LIGHTS	FUSE	AMPERE	FIGURE
Main beams	F14	15	41
Right hand dipped beam headlight	F12	7.5	43
Left hand dipped beam headlight	F13	7.5	43
Headlight gas discharge system (right side)	F12	15	43
Headlight gas discharge system (left side)	F13	15	43
Fog lights	F30	15	41
3 rd Brake light	F37	5	43
Reversing light	F51	5	43
Front courtesy light, luggage compartment light, Sun visor courtesy light, Door lights, Glove compartment light	F32	5	43



CONSUMERS	FUSE	AMPERE	FIGURE
Heated windscreen	F08	15	41
Headlight washer pump	F09	20	41
Two-tone horn	F10	15	41
Headlight alignment adjustment system	F13	7.5	43
Additional heater (PTC 1) "Dynamic Suspension" control system	F15	30	41
Air conditioning compressor	F19	7.5	41
Heated rear windscreen, demisting system	F20	30	41
Fuel pump on tank	F21	15	41
INT/A key exhaust relay coils on engine fuse box	F31	5	43
Radio, Blue&Me™ control unit, Climate control unit, Alarm control unit, Volume sensing system control unit, EOBD external diagnostic socket, Tyre pressure detection control unit	F36	10	43
Instrument panel, Brake light switch, Gas discharge headlights management system	F37	5	43

CONSUMERS	FUSE	AMPERE	FIGURE
Door lock motor on door, Safe Lock motor on doors, Tailgate unlocking motor	F38	15	43
Windscreen / rearscreen washer pump	F43	20	43
Electric window motor complete with control unit (driver-side door)	F47	20	43
Electric window motor complete with control unit (passenger-side door)	F48	20	43
Parking sensors control unit, Tyre pressure detection control unit, Rain/dusk sensor on rear-view mirror, Electro-chrome sensor on rear-view mirror, Seat belts fastened warning light display on rear-view mirror, Control panel illumination (Central control panel, Driver-side control panel, Steering wheel control panel, Blue&Me™ control panel), Front seat heating pad activation switch, Alarm system volume-sensing sensors control unit, Electric sunroof control unit, PND socket on dashboard	F49	5	43



CONSUMERS	FUSE	AMPERE	FIGURE
Clutch switch, Brake light switch, relay coils on engine fuse box, Control system on internal heater/air conditioning unit, Blue&Me™ control unit, Radio wiring, Air flow meter, Water in diesel fuel sensor	F51	5	43
Instrument panel	F53	5	43
Bose HI-FI system amplifier control unit	F4	15	45
Bassbox subwoofer in spare wheel compartment	F5	10	45
Left and right front seat heater	F6	15	45
Electric sunroof opening system	F1	20	45
Fuse wiring	F2	—	45
Luggage compartment power socket	F3	15	45
Passenger compartment fan	F83	40	41
Power socket on tunnel	F85	15	41
Passenger/driver-side door mirror demister, Demister on front jets, Heated windscreen relay coil	F87	7.5	41

RECHARGING THE BATTERY

IMPORTANT The battery recharging procedure is provided as an example only. Contact an Alfa Romeo Authorised 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 SYSTEM

(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.



VERSIONS WITH Start&Stop SYSTEM (with dummy pole) fig. 46

(for versions/markets, where provided)

To charge, proceed as follows:

- disconnect the quick-release negative terminal A from the negative dummy pole B because the battery negative pole C has a sensor D monitoring the battery conditions, that should never be disconnected from the negative pole C (unless the battery is replaced);
- connect the battery charger positive cable to the battery positive pole E and the negative cable to the dummy pole B;
- switch on the battery charger. At the end of the charging process, switch the charger off before disconnecting it;
- after disconnecting the battery charger, reconnect the quick-release negative terminal A to the dummy pole B.

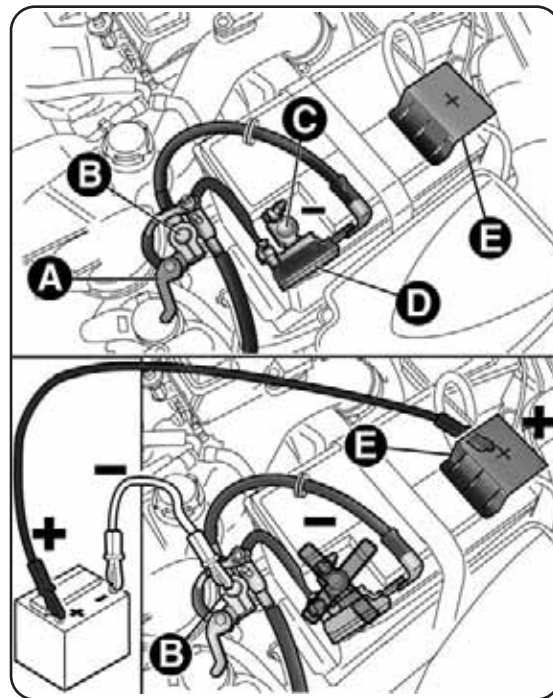


fig. 46

AJ0337m

**VERSIONS WITH Start&Stop SYSTEM
(without dummy pole) fig. 47**

(for versions/markets, where provided)

To charge, proceed as follows:

- disconnect the connector A (pressing the button B) from the sensor C monitoring the battery conditions, on the negative pole D of the battery;
- connect the battery charger positive cable E and the negative cable to the terminal of sensor D, according to figure;
- turn on the battery charger. At the end of the charging process, switch the battery charger off;
- after disconnecting the battery charger, reconnect the connector A to the sensor C according to figure.

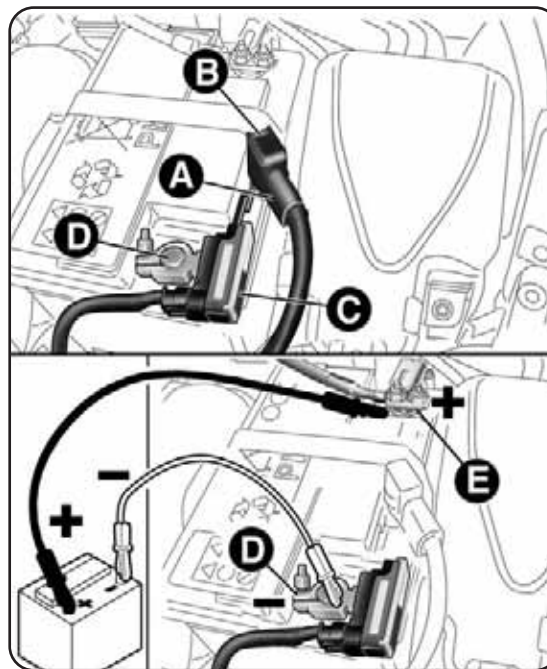


fig. 47



LIFTING THE CAR

If you need to lift the car contact an Alfa Romeo Authorised Services, which will be equipped with a workshop lift.

TOWING THE CAR

The tow ring provided with the car is housed in the tool box in the luggage compartment.

ATTACHING THE TOW HOOK

Release cap A, remove tow ring B from its housing in the tool box and tighten it fully on to the front (fig. 48) or rear (fig. 49) threaded pin.



Before beginning the 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.

4

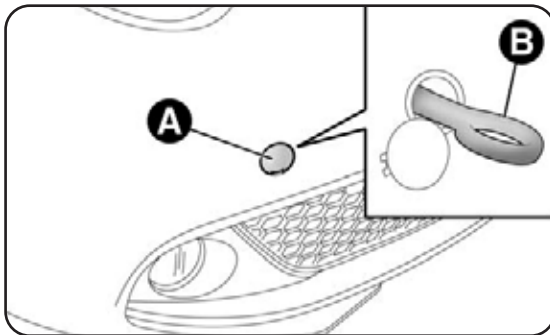


fig. 48

AOJ0038m

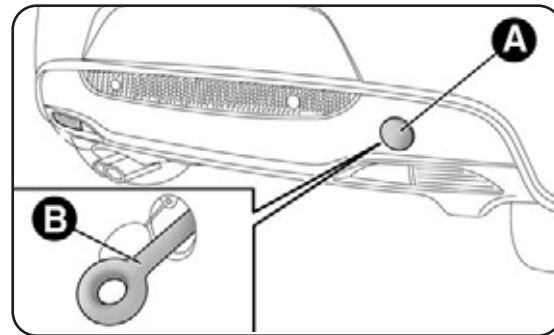


fig. 49

AOJ0039m



The power brakes 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 vehicle.



The front and rear tow hooks must only be used for emergency situations on the road. THE vehicle may be towed for short distances when a dedicated device is used in compliance with the Highway Code (rigid bar), 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 only take place with two vehicles (one towing, the other towed) travelling as far as possible in alignment along the same centreline.



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SCHEDULED MAINTENANCE

Correct maintenance is essential for ensuring long car life under the best conditions.

Alfa Romeo has prepared a series of checks and service operations to be carried out every 30,000 kilometres (for petrol versions) or every 35,000 kilometres (for diesel versions).

In between these services it is still necessary to adhere to the instructions in the Scheduled Service Plan (e.g. regularly check the fluid levels and tyre pressure etc.).

Scheduled Service operations should be carried out at an Alfa Romeo Authorised Service Provider according to a set time schedule. If, during each operation, in addition to the ones programmed, 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 Service operations are required by the manufacturer. Failure to carry them out may invalidate the warranty.
- It is advisable to inform your Alfa Romeo Authorised Service Provider of any small faults without waiting for the next scheduled service.



SCHEDULED SERVICING PLAN

PETROL VERSIONS

Thousands of kilometres	30	60	90	120	150	180
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/rearscreen wiper blades	●	●	●	●	●	●
Check condition and wear of front disc brake pads and brake pad wear indication	●	●	●	●	●	●
Check rear disc brake pad condition and wear	●	●	●	●	●	●
Visually inspect the condition of: bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (gaiters, sleeves, bushes, etc.)	●	●	●	●	●	●
Check cleanliness of locks, bonnet and boot, and 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 timing belt condition		●				●
Visually inspect condition of auxiliary drive belt/s		●				●
Check tension and adjust auxiliary drive belt (versions with heater system)	●				●	

Thousands of kilometres	30	60	90	120	150	180
Check exhaust emissions	●	●	●	●	●	●
Check engine management system operation (via diagnostic socket)	●	●	●	●	●	●
Replace auxiliary 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 24 months)	●	●	●	●	●	●

(*) Regardless of the number of kilometres covered, the timing belt should be replaced every 4 years for particularly demanding use (cold climates, driving in the city, idling for a long time) or in any case every 5 years.



1 For 1.4 Turbo Petrol, 1.4 Multi Air and 1.4 Turbo Multi Air versions, in order to guarantee correct operation prevent serious damage to the engine, it is essential to observe the following:

- only use spark plugs specifically certified for 1.4 Turbo Petrol, 1.4 Multi Air and 1.4 Turbo Multi Air engines; all spark plugs should be of the same type and brand (see the "Engine" paragraph);
- adhere strictly to the spark plug replacement intervals detailed in the Scheduled Service Plan;
- it is advisable to have this carried out by an Alfa Romeo Authorised Services.



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.

**DIESEL VERSIONS**

Thousands of kilometres	35	70	105	140	175
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/rearscreen wiper blades	●	●	●	●	●
Check condition and wear of front disc brake pads and brake pad wear indication	●	●	●	●	●
Check rear disc brake pad seal condition and wear	●	●	●	●	●
Visually inspect the condition of: bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (gaiters, sleeves, bushes, etc.)	●	●	●	●	●
Check cleanliness of locks, bonnet and boot, and 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	●	●	●	●	●
Visually inspect the condition of auxiliary drive belt/s.		●			●
Check exhaust fumes/emissions	●	●	●	●	●
Check engine management system operation (via diagnostic socket)	●	●	●	●	●

	Thousands of kilometres				
	35	70	105	140	175
Replace auxiliary drive belt/s			●		
Replace toothed timing drive belt (except 1.3 JTDM ₂ engine) (*)				●	
Replace fuel filter		●		●	
Replace air filter cartridge	●	●	●	●	●
Change engine oil and replace oil filter (diesel versions with DPF) (**)					
Change brake fluid (or every 24 months)		●		●	
Replace pollen filter (or every 24 months)	●	●	●	●	●

(*) Regardless of the number of kilometres covered, the timing belt should be replaced every 4 years for particularly demanding use (cold climates, driving in the city, idling for a long time) or in any case 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 cities or travels less than 10,000 km a year, change the engine oil and filter every 12 months.



PERIODIC 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 lights (headlights, direction indicators, hazard lights, etc.);
- operation of the windscreen wiper/washer system, position and wear of windscreen/rearscreen wiper blades;

Every 3,000 km check the following and top-up, if necessary: engine oil level.

We recommend the use of PETRONAS LUBRICANTS products, designed and produced specifically for Alfa Romeo cars (see "Consumables" table in chapter 6).

DEMANDING USE OF THE CAR

If you use the vehicle mainly under one of the following conditions:

- trailer or caravan towing;
- dusty roads;
- repeated short distances (less than 7-8 km) and with external temperatures below zero;
- frequently idling the engine, travelling long distances at low speeds or long term inactivity;
- in cities;

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, and cleanliness and lubrication of linkages;
- visually inspect the condition of: engine, gearbox, transmission, pipes and hoses (exhaust — fuel supply - brakes) rubber elements (gaiters — hoses - bushes etc.);

- check battery charge and fluid level (electrolyte);
- visually inspect the condition of auxiliary drivebelts;
- 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.

CHECKING FLUID LEVELS



Be careful not to confuse the various types of fluids while topping up: they are incompatible and mixing them up may seriously damage the vehicle.



Do not smoke while working on the engine compartment: there may be flammable gases and vapours present.



With the engine warm, take great care when working in the engine compartment: risk of burns. Remember that the fan may start up if the engine is hot: risk of injury. Pay attention to scarves, ties and other loose fitting garments: they could get dragged in by the moving parts.

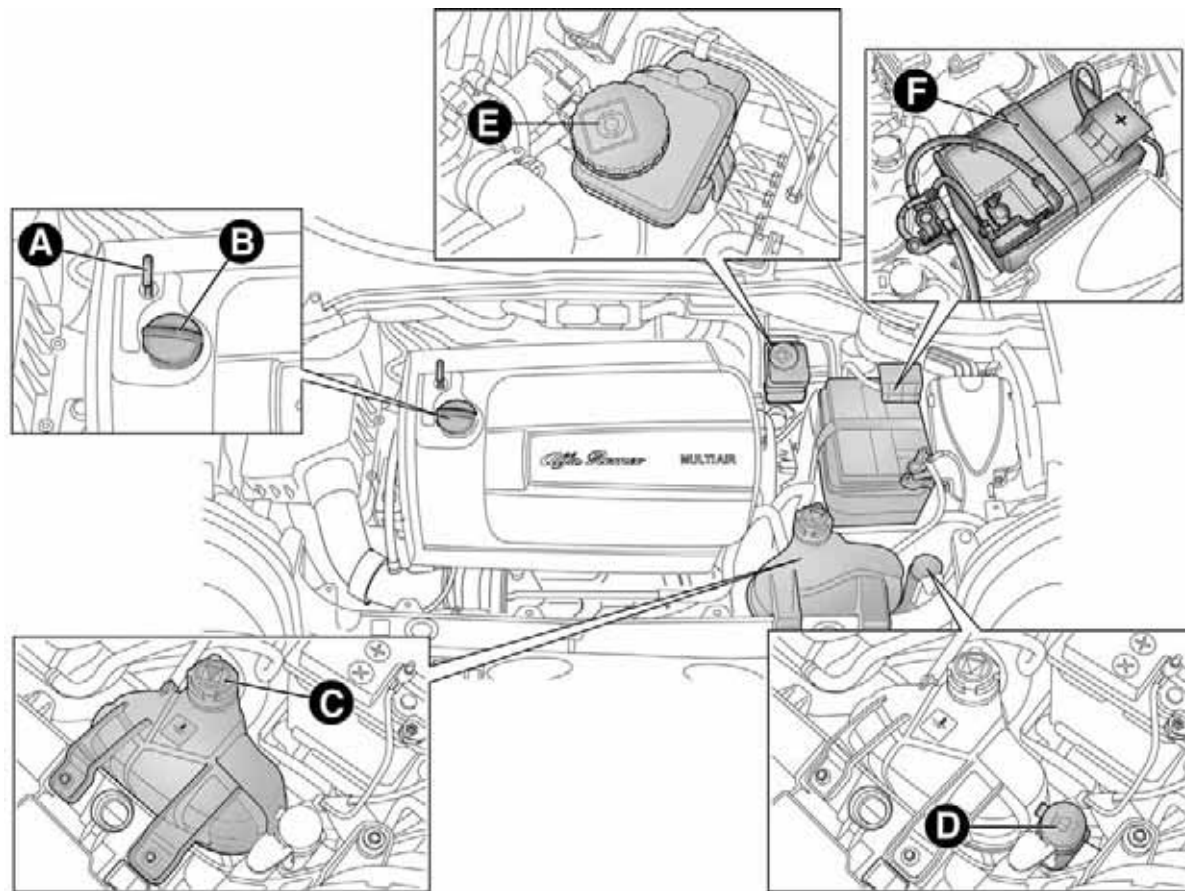


fig. 1 - 1.4 Multi Air versions

A010258m

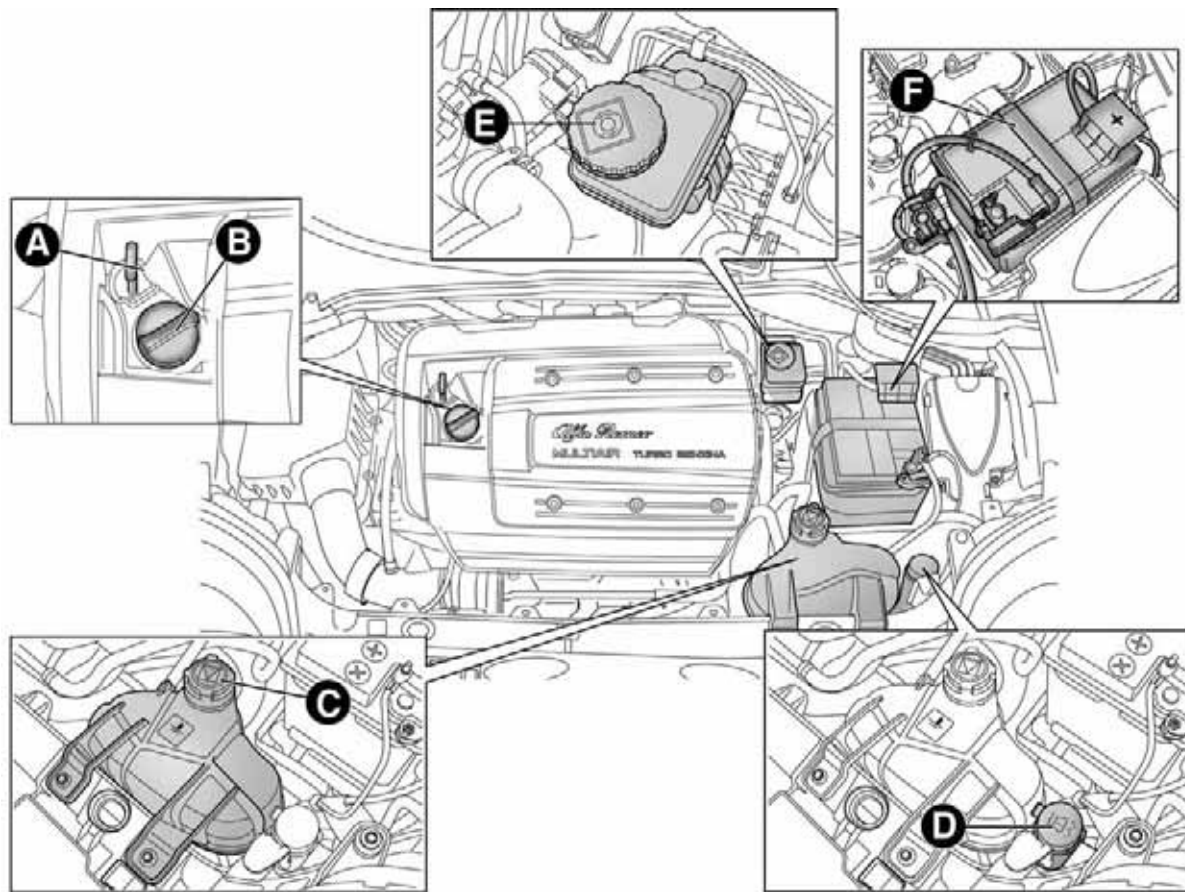


fig. 2 - 1.4 Turbo Multi Air versions

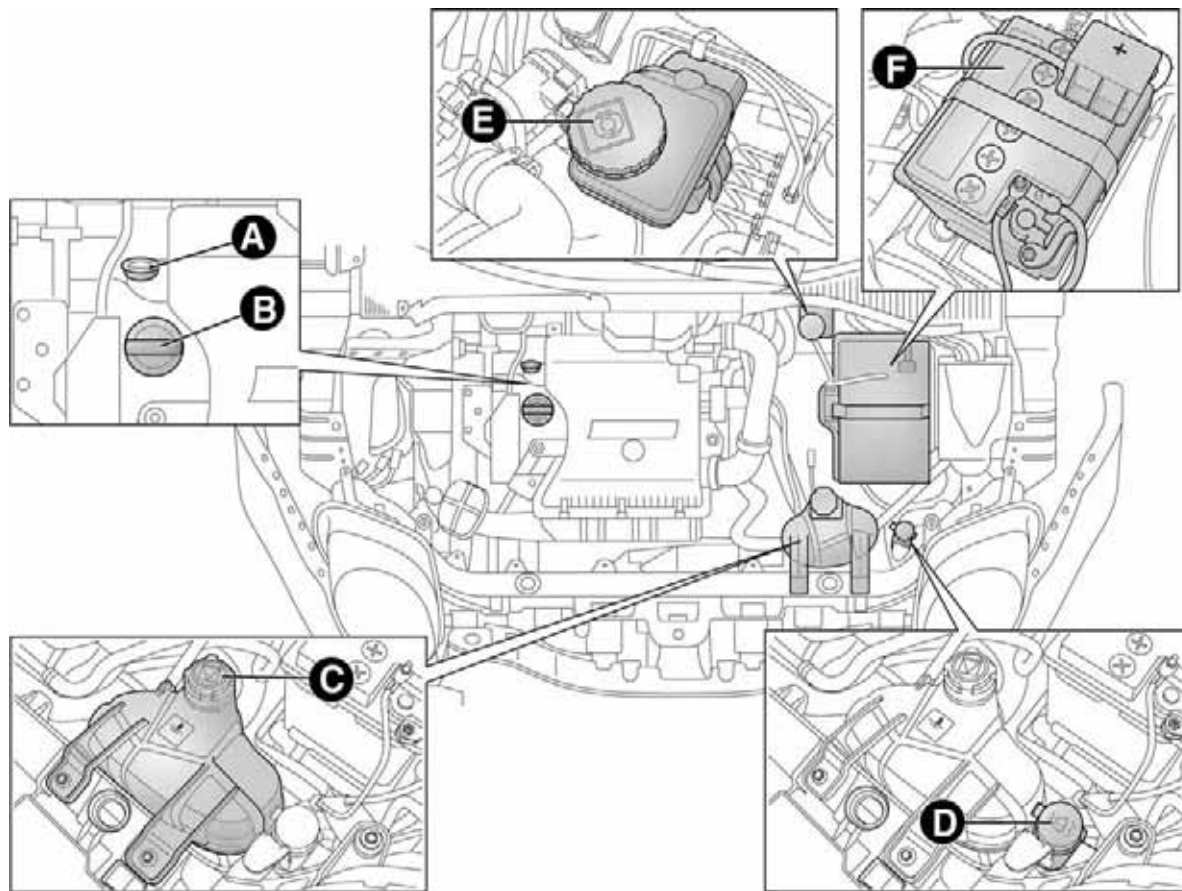


fig. 3 - 1.4 Petrol versions

A010230m

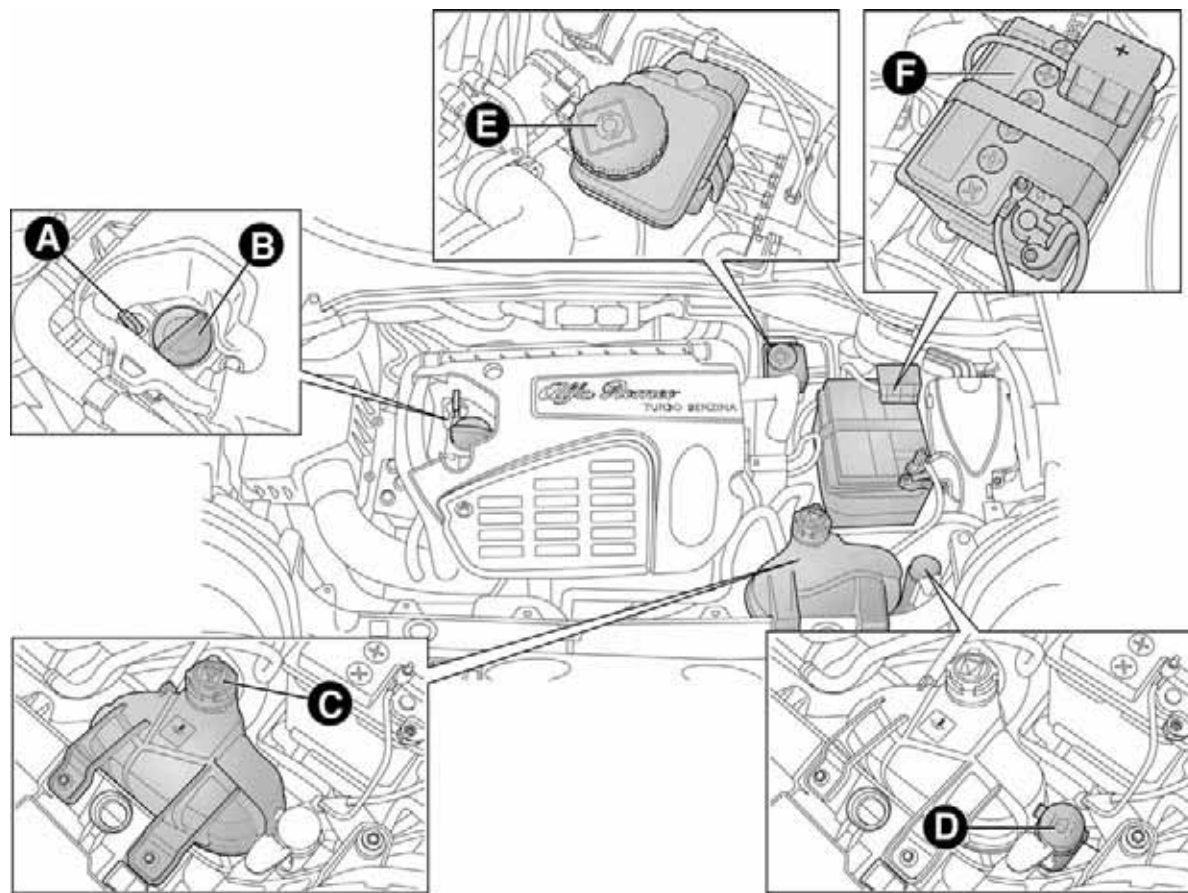


fig. 4 - 1.4 Turbo Petrol versions

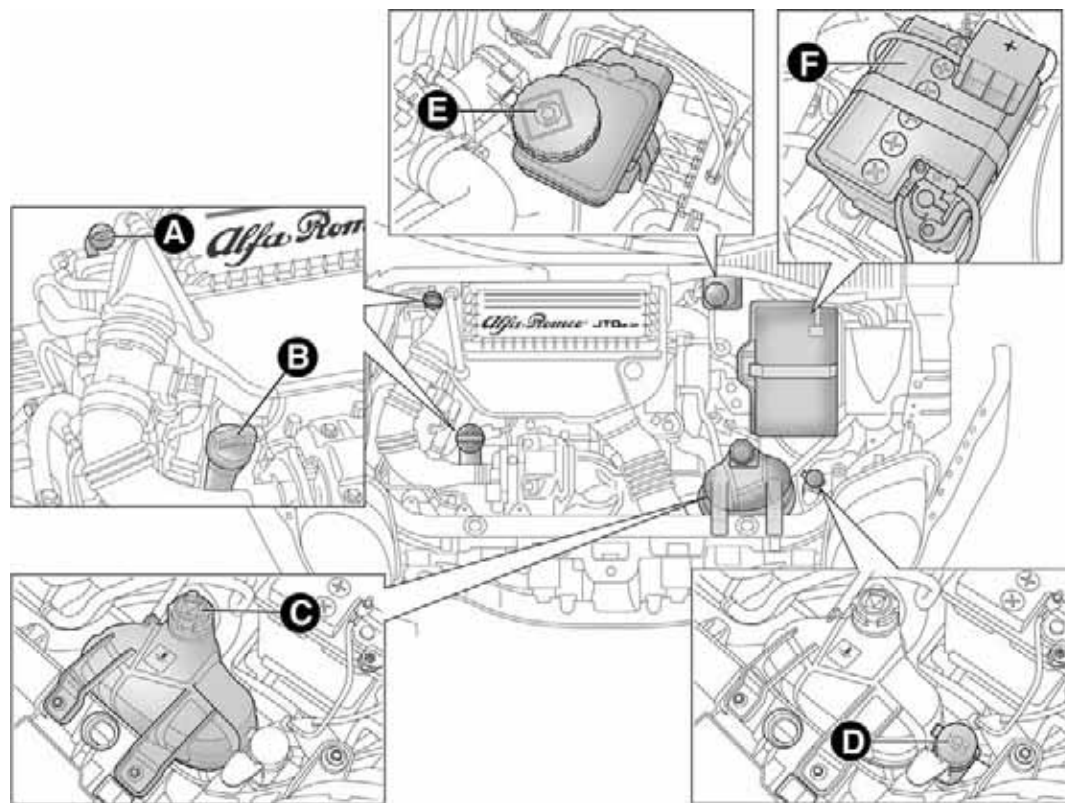


fig. 5 - 1.3 JTD_{M2} versions

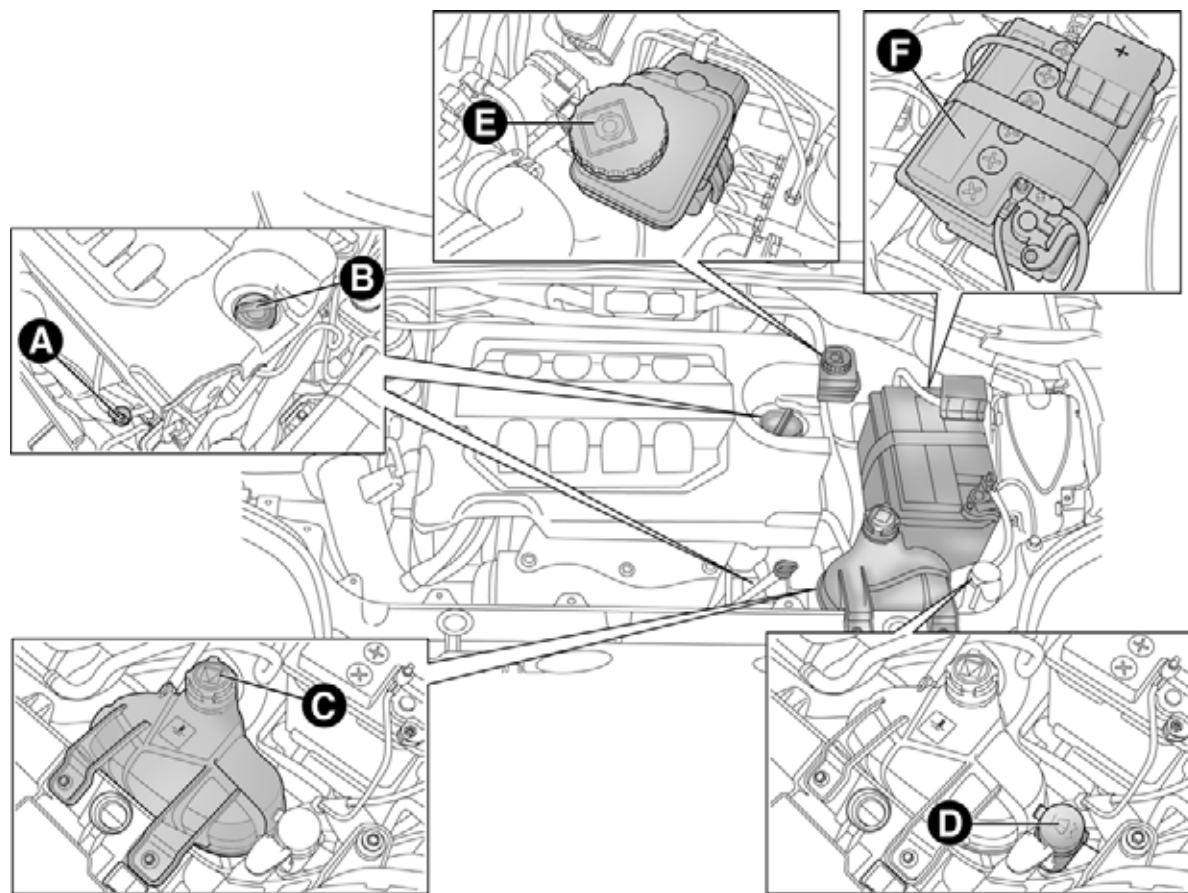


fig. 6 - 1.6 JTDm versions



ENGINE OIL

Check that the oil level is between the MIN and MAX references on the dipstick A-fig. 1-2-3-4-5-6.

If the oil level is near or even under the MIN line, add oil using the filler B to reach the MAX line.



The oil level should never exceed the MAX line.

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.



Don't add any oil with different characteristics to those of the existing engine oil.



Used engine oil and the replaced oil filter contain substances that may be dangerous for the environment. We recommend having the oil and oil filter replaced by an Alfa Romeo Authorised Services.

ENGINE COOLANT

If the level is too low, undo reservoir cap C-fig. 1-2-3-4-5-6 and add the fluid described in chapter "6".



PARAFLU^{UP} antifreeze is used in the engine cooling system. Use fluid of the same type contained in the cooling system for top-ups. PARAFLU^{UP} may not be mixed with other types of fluids. If this accidentally occurs, do not start the engine. Contact an Alfa Romeo Authorised Services.



The engine cooling system is pressurised. If required, replace the cap with an original spare part so as not to compromise system efficiency. Do not remove the cap from the reservoir when the engine is hot: risk of burns.

WINDSCREEN/REARSCREEN/HEADLIGHT WASHING FLUID

If the level is too low undo reservoir cap D-fig. 1-2-3-4-5-6 and add the fluid described in chapter 6.



Do not travel with the windscreen washing reservoir empty: the windscreen washer is fundamental to improving visibility. Some commercial windscreen washer additives are flammable: the engine compartment contains hot parts which could start a fire if they come into contact.

BRAKE FLUID

Check that the fluid is at the maximum level. If the level is too low undo reservoir cap E-fig. 1-2-3-4-5-6 and add the fluid described in chapter 6.




Prevent brake fluid (which is highly corrosive) from coming into contact with painted parts. Should that occur, immediately wash with water.



The brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts with water and mild soap and rinse with plenty of water. If swallowed, immediately call a doctor.



The symbol , on the container indicates a synthetic brake fluid, which is different from a mineral fluid. Use of a mineral-based fluid will damage the special rubber seals of the braking system beyond repair.



AIR FILTER/POLLEN FILTER/ DIESEL FILTER

Contact an Alfa Romeo Authorised Services to replace these filters.

BATTERY

The battery F-fig. 1-2-3-4-5-6 does not require top ups of distilled water to replenish the electrolyte. A periodic check carried out at an Alfa Romeo Authorised Services is, however, necessary to check efficiency.

REPLACING THE BATTERY

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 draining your battery and 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;
- switch off all lights inside the car: the car is, however, equipped with a system which switches all internal lights off automatically;
- do not keep accessories (e.g. sound system, 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 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 the paragraph "Car inactivity" in chapter "3" 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 an Alfa Romeo Authorised 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 and sources of sparks away from the battery: risk of explosion and fire.



Running the battery with an excessively low liquid level will damage the battery beyond repair and may even cause an explosion.



Incorrect assembly of electric and electronic devices may cause severe damage to your car. Go to an Alfa Romeo Authorised Services 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 can be very dangerous for the environment. Contact an Alfa Romeo Authorised Services to replace the battery.



If the vehicle 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 the special goggles.



WHEELS AND TYRES

Before embarking on a long trip check the tyre inflation pressure (and small spare wheel); check the pressure with the tyres cold. Incorrect pressure causes abnormal tyre wear fig. 7:

- A normal pressure: evenly worn tread.
- B low pressure: tread particularly worn on the edges.
- C excessive pressure: tread particularly worn in the middle.

The tyres must be replaced when the tread is less than 1.6 mm thick.

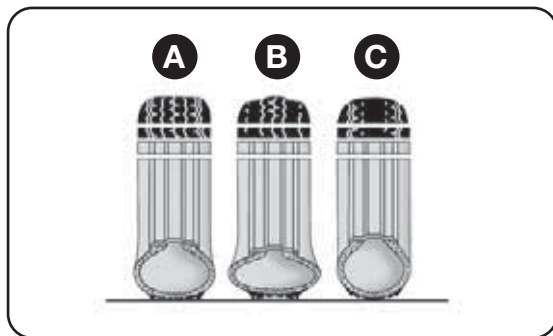


fig. 7

A0J0136m

IMPORTANT NOTES

Take the following precautions to prevent damage to the tyres:

- avoid braking suddenly, racing starts and violent knocks 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 spare 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.



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 get overheated, with the risk of serious damage to the tyre.



Avoid changing over 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 disrupted.

WINDSCREEN/REARSCREEN 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 does not stick to the windscreen at sub-zero temperatures. Use an antifreeze product to release it if required;
- remove any snow from the window;
- do not activate the windscreen/rear screen wiper on a dry window.



Replacing the windscreen wiper blades

Proceed as follows:

- lift the windscreen wiper arm and position the blade so that it forms an angle of 90° with the arm;
- press tabs (one on each side) A-fig. 8 on the attachment clip and remove 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.

Replacing the rearscreen wiper blade

Proceed as follows:

- lift cover A-fig. 9, undo nut B and remove arm C;
- position the new arm, fully tighten nut B and then lower cover A.

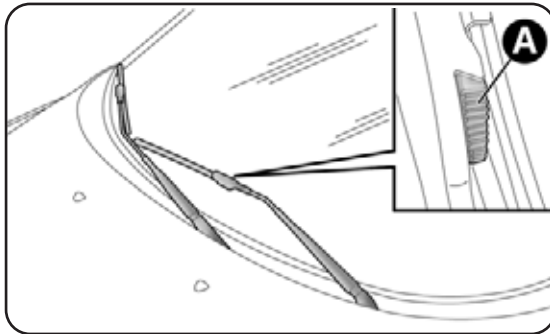


fig. 8

AOJ0054m

SPRAY NOZZLES

Windscreen washer fig. 10

The windscreen washer jets are fixed.

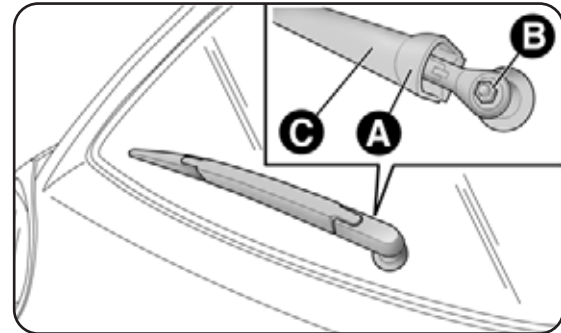


fig. 9

AOJ0057m

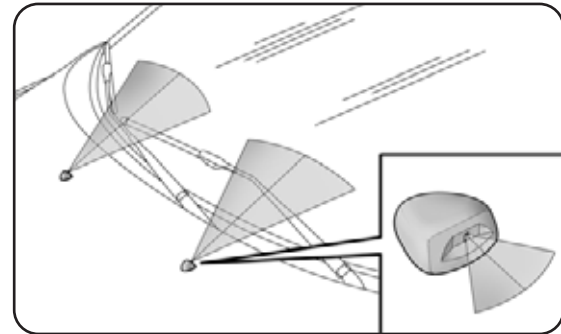


fig. 10

AOJ0053m

If the jet of fluid is inadequate, firstly check that there is fluid in the reservoir: see "Checking fluid levels" in this chapter). Then check that the nozzle holes are not clogged, if necessary using a needle.

Rearscreen washer fig. 11

The nozzle holder is located above the rear window. Rear window washer jets are fixed.

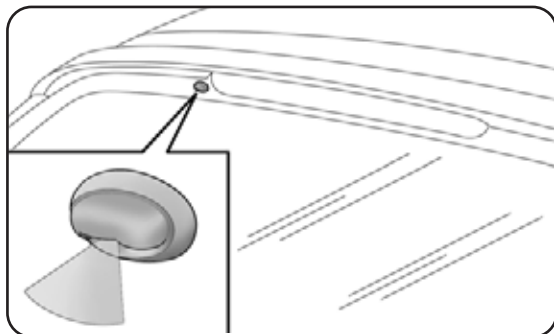


fig. 11

A0J0055m

HEADLIGHT WASHERS fig. 12

(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 correct operation and cleanliness of nozzles at regular intervals.

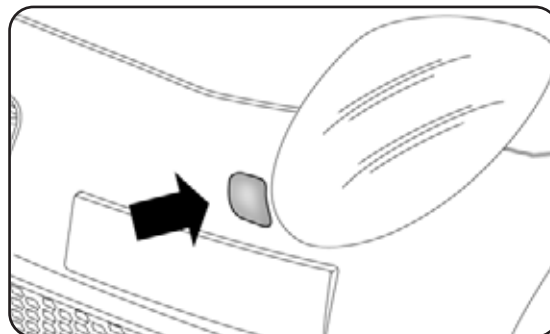


fig. 12

A0J0029m



BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The vehicle 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 of plastic parts, with a protective function, in the most exposed points: underdoor, inner wing parts, edges, etc.;
- use of “open” boxed sections to prevent condensation and pockets of moisture from triggering rust inside.
- use of special films (for versions/markets, where provided) 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 body. For the general terms of this warranty, refer to the Warranty Booklet.

PRESERVING THE BODYWORK

Paint

Touch up abrasions and scratches immediately to prevent the formation of rust.

Normal 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;
- if high pressure water jets are used to wash the car, make sure they are at least 40 cm away from the bodywork to avoid causing 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 leather pad.

When drying take care to dry the least exposed parts where the water could collect most easily. Do not wash the car after it has been parked in the sun or when the engine is bonnet is hot: this could take the shine off the paint.

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



Detergents cause water pollution. The car should be washed in areas equipped for collecting and purifying the liquid used in the washing process.



To keep intact the aesthetic properties of the paintwork do not use abrasive and/or polish products for cleaning the car bodywork.

IMPORTANT NOTES

Avoid parking under trees; the resin dropped by trees makes the paintwork go opaque, 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 window cleaner products.

Use also clean cloths to avoid scratching the glass or damaging the transparency.

IMPORTANT Wipe the rear window inside 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 front headlight plastic lens.

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 windscreen wiper motors. Have this operation performed at a specialised workshop.

IMPORTANT Perform this operation on a cold engine and with the key at STOP. After the washing operation, make sure that the various protections (e.g. rubber caps and guards) have not been removed or damaged.



INTERIORS

Periodically check for water puddles under the mats that could cause the panels to rust.

CLEANING 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. Rub the seats with a sponge moistened with a solution of water and neutral detergent.

LEATHER SEATS (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.

INTERIOR PLASTIC PARTS

Clean interior plastic parts with a moist cloth and a solution of water and mild soap. To clean oily or persistent stains, use specific products free from solvents and designed to maintain the original colour of the components.

IMPORTANT Never use spirit or petrol to clean the glass of the instrument panel or other plastic parts.

LEATHER PARTS

(for versions/markets, where provided)

Use only water and neutral soap to clean these parts. Never use spirit and/or alcohol based products.

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



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



Don't keep aerosol cans in the vehicle: risk of explosion. Aerosol cans must not be exposed to temperatures exceeding 50°C. When the vehicle is exposed to sunlight, the inner temperature can greatly exceed this value.



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IDENTIFICATION DATA

The vehicle identification details are:

- Identification plate;
- Chassis marking;
- Bodywork paint plate;
- Engine marking.

IDENTIFICATION PLATE **fig. 1**

The plate is to be found on the left side of the boot floor and it bears the following identification data:

- B Homologation number.
- C Vehicle type code.
- D Chassis number.
- E Maximum vehicle weight fully loaded.
- F Maximum vehicle weight fully loaded with trailer.
- G Maximum vehicle weight on front axle.
- H Maximum vehicle weight on rear axle.
- I Engine type.
- L Body version code.
- M Spare part code.
- N Smoke opacity index (for diesel engines).

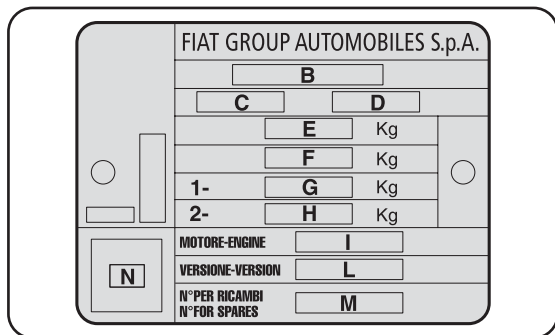


fig. 1

A0J0161m



CHASSIS MARKING fig. 3

This is printed on the passenger compartment floor panel near the front right seat. Move flap A forwards to access it.

The chassis marking includes:

- vehicle type (ZAR 955000);
- chassis number.

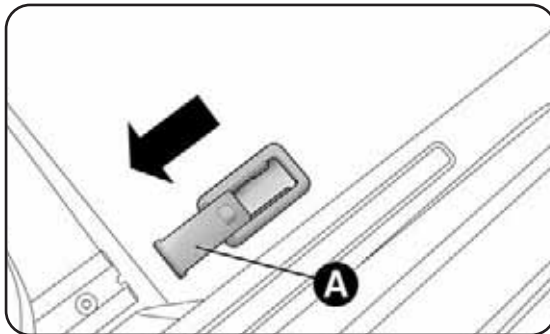


fig. 2

A0J0140m

BODYWORK PAINT IDENTIFICATION PLATE fig. 3

This plate is applied inside the boot and shows the following data:

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

ENGINE MARKING

The engine marking is stamped on the cylinder block and includes the model and the chassis number.

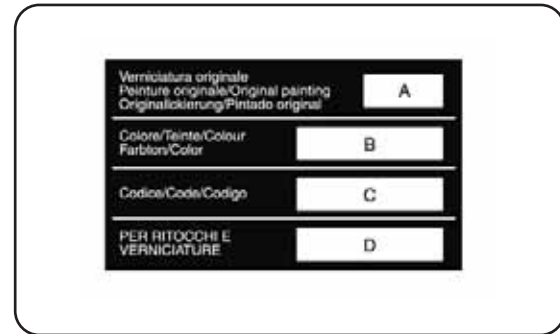


fig. 3

A0J0138m

ENGINE CODES - BODYWORK VERSIONS

	Engine code	Bodywork version
1.4 Multi Air	955A6000	955AXL1B 08 (●) (**) 955AXL1B 08B (■) (**)
1.4 Turbo Multi Air 135HP	955A2000	955AXM1A 09 (●) (**) 955AXM1A 09B (■) (**)
1.4 Turbo Multi Air 135HP (*)	955A2000	955AXM1A 09C (●) (**) 955AXM1A 09D (■) (**)
1.4 Turbo Multi Air 170HP Quadrifoglio Verde	940A2000 955A8000 (*)	955AXN1B 10 (●) (**) 955AXN1B 10B (■) (**) 955AXS1B 13 (●) (*) (**) 955AXS1B 13B (■) (*) (**)
1.4 Petrol 78HP (*)	955A1000	955AXB1B 01 (●) 955AXB1B 01B (■) 955AXB1B 01C (●) (**) 955AXB1B 01D (■) (**)
1.4 Petrol 95HP (*)	199A6000	955AXF1B 05 (●) 955AXF1B 05B (■)
1.4 Turbo Petrol 120HP	198A4000	955AXG1A 06 (●) 955AXG1A 06B (■)
1.4 Turbo Petrol 150HP (*)	198A1000	955AXD1B 03C (●) (**) 955AXD1B 03D (■) (**)
1.4 Turbo Petrol 155HP	199A8000	955AXA1B 00 (●) 955AXA1B 00B (■) 955AXA1B 00C (●) (**) 955AXA1B 00D (■) (**)
1.3 JTDm-2	199B1000	955AXP1A 11 (●) (**) 955AXP1A 11B (■) (**)
1.3 JTDm-2 (*)	199B1000	955AXP1A 11C (●) (**) 955AXP1A 11D (■) (**)
1.6 JTDm 115HP (*)	955A4000	955AXE1B 04L (●) (**) 955AXHE1B 04M (■) (**)
1.6 JTDm 120HP	955A3000	955AXC1B 02 (●) 955AXC1B 02B (■) 955AXC1B 02G (●) (**) 955AXC1B 02H (■) (**)

(*) For versions/markets, where provided

(**) Euro 5 versions

(●) 4 seater version

(■) 5 seater version



ENGINE

GENERAL		1.4 Multi Air	1.4 Turbo Multi Air 135HP		1.4 Turbo Multi Air 170HP Quadrifoglio Verde		1.4 Petrol 78HP (*)
Engine code		955A6000	955A2000		940A2000 955A8000 (*)		955A1000
Cycle		Otto	Otto		Otto		Otto
Number and layout of cylinders		4 in line	4 in line		4 in line		4 in line
Piston bore and stroke	mm	72.0 x 84.0	72.0 x 84.0		72,0 x 84,0		72.0 x 84.0
Total displacement	cm ³	1368	1368		1368		1368
Compression ratio		10.8	9.8		9,8		10.8
Maximum power (EEC)	kW	77	99		120 (*)	125	58
	HP	105	135		163 (*)	170	78
corresponding ratio	rpm	6500	5000		5500 (*)	5500	5750
Maximum torque (EEC)	Nm	130	NORMAL	DYNAMIC	NORMAL	DYNAMIC	120
	kgm	13.2	180	206	230	250	12.2
corresponding ratio	rpm	4000	18.3	21	23,4	25,5	4000
			1750	1750	2250	2500	
Spark plugs		NGK DCP7E-N-10	NGK IKR9F8		NGK ZKR7A-10		NGK ZKR7A-10
Fuel		Unleaded petrol 95 RON (Specification EN228)	Unleaded petrol 95 RON or 98 RON (Specification EN228)		Unleaded petrol 95 RON or 98 RON (Specification EN228)		Unleaded petrol 95 RON (Specification EN228)

(*) For versions/markets, where provided

GENERAL		1.4 Petrol 95HP (*)	1.4 Turbo Petrol 120HP	1.4 Turbo Petrol 150HP (*)		1.4 Turbo Petrol 155HP	
Engine code		198A4000	198A4000	198A1000		199A8000	
Cycle		Otto	Otto	Otto		Otto	
Number and layout of cylinders		4 in line	4 in line	4 in line		4 in line	
Piston bore and stroke	mm	72.0 x 84.0	72.0 x 84.0	72.0 x 84.0		72.0 x 84.0	
Total displacement	cm ³	1368	1368	1368		1368	
Compression ratio		10.8	9.8	9.8		9.8	
Maximum power (EEC)	kW HP	70 95	88 120	110 150 (Δ)		114 155 (□)	
corresponding ratio	rpm	6000	5000	5500		5500	
Maximum torque (EEC)	Nm kgm	126 12.9	206 21	NORMAL 206 21	DYNAMIC 230 23.5	NORMAL 201 20.5	DYNAMIC 230 23.5
corresponding ratio	rpm	4500	1750	2250	3000	5000	3000
Spark plugs		NGK ZKR7A-10	NGK IKR9F8	NGK IKR9F8		NGK IKR9F8	
Fuel		Unleaded petrol 95 RON (Specification EN228)	Unleaded petrol 95 RON (Specification EN228)	Unleaded petrol 95 RON or 98 RON (Specification EN228)		Unleaded petrol 95 RON or 98 RON (Specification EN228)	

(*) For versions/markets, where provided

(Δ) The maximum power with 150HP is gotten using unloaded petrol 98 RON

(□) The maximum power with 155HP is gotten using unloaded petrol 98 RON



GENERAL		1.3 JTD _M -2		1.6 JTD _M 115HP (*)		1.6 JTD _M 120HP	
Engine code		199B1000		955A4000		955A3000	
Cycle		Diesel		Diesel		Diesel	
Number and layout of cylinders		4 in line		4 in line		4 in line	
Piston bore and stroke	mm	69.6 x 82		79.5 x 80.5		79.5 x 80.5	
Total displacement	cm ³	1248		1598		1598	
Compression ratio		16.8		16.5		16.5	
Maximum power (EEC)	kW	70		85		88	
	HP	95		115		120	
corresponding ratio	rpm	4000		4000		3750	
Maximum torque (EEC)		NORMAL	DYNAMIC	NORMAL	DYNAMIC	NORMAL	DYNAMIC
	Nm	180	200	260	300	280	320
	kgm	17.6	19.7	26.5	30.6	28.5	32.6
corresponding ratio	rpm	1500	1500	1500	1500	1500	1750
Spark plugs		—		—		—	
Fuel		Diesel fuel for motor vehicles (Specification EN590)		Diesel fuel for motor vehicles (Specification EN590)		Diesel fuel for motor vehicles (Specification EN590)	

(*) For versions/markets, where provided

FUEL SYSTEM

	1.4 Multi Air 1.4 Turbo Multi Air	1.4 Petrol	1.4 Turbo Petrol	1.3 JTDM-2 - 1.6 JTDM
Fuel system	Phased electronic sequential injection with detonation control and variable activation of intake valves	Phased sequential electronic Multipoint injection with detonation control	Electronically-controlled Multipoint phased sequential electronic injection with turbo and intercooler	Multijet "Common Rail" direct electronic injection with turbo and intercooler

TRANSMISSION

	1.4 Turbo Multi Air 1.4 Turbo Petrol 120HP - 1.3 JTDM-2	1.4 Multi Air - 1.4 Petrol 1.4 Turbo Petrol 155HP 1.4 Turbo Multi Air 170HP Quadrifoglio Verde 1.6 JTDM
Gearbox	Five forward gears plus reverse with synchronisers for forward gears	Six forward gears plus reverse with synchronisers for forward gears
Clutch	Self-adjusting with pedal without idle stroke	Self-adjusting with pedal without idle stroke
Drive	Front	Front



Modifications or repairs to the fuel feed system that are not carried out properly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.



BRAKES

	1.4 Multi Air - 1.4 Turbo Multi Air - 1.4 Petrol - 1.4 Turbo Petrol - 1.3 JTDM-2 - 1.6 JTDM
Service brakes:	
— front	Self ventilating discs
— rear	Disc
Parking brake	Controlled by hand lever, acting on rear brakes

IMPORTANT Water, ice and salt sprinkled on the roads may deposit themselves on the brake discs, reducing braking efficiency the first time the brakes are applied.

SUSPENSION

	1.4 Multi Air - 1.4 Turbo Multi Air - 1.4 Petrol - 1.4 Turbo Petrol - 1.3 JTDM-2 - 1.6 JTDM
Front	Mc Pherson independent wheels with anti-roll bar
Rear	Interconnected wheels with torsion beam

STEERING

	1.4 Multi Air - 1.4 Turbo Multi Air - 1.4 Petrol - 1.4 Turbo Petrol - 1.3 JTDM-2 - 1.6 JTDM
Type	Rack and pinion with electric steering
Turning circle (between pavements) m	11.0

WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless radial carcass 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.

Respect the prescribed size to ensure safety of the car when moving. Fit tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

SMALL SPARE WHEEL

Pressed steel rim Tubeless tyre.

READING TYRE MARKINGS fig. 4

Example: 195/55 R 16 91 V

195 = Nominal width (S, distance in mm between sidewalls).

55 = Height/width ratio (H/S) in percentage.

R = Radial tyre.

16 = Rim diameter in inches (Ø).

91 = Load rating (capacity).

V = Maximum speed rating.

Load rating (capacity)

60 = 250 kg	72 = 355 kg	84 = 500 kg	96 = 710 kg
61 = 257 kg	73 = 365 kg	85 = 515 kg	97 = 730 kg
62 = 265 kg	74 = 375 kg	86 = 530 kg	98 = 750 kg
63 = 272 kg	75 = 387 kg	87 = 545 kg	99 = 775 kg
64 = 280 kg	76 = 400 kg	88 = 560 kg	100 = 800 kg
65 = 290 kg	77 = 412 kg	89 = 580 kg	101 = 825 kg
66 = 300 kg	78 = 425 kg	90 = 600 kg	102 = 850 kg
67 = 307 kg	79 = 437 kg	91 = 615 kg	103 = 875 kg
68 = 315 kg	80 = 450 kg	92 = 630 kg	104 = 900 kg
69 = 325 kg	81 = 462 kg	93 = 650 kg	105 = 925 kg
70 = 335 kg	82 = 475 kg	94 = 670 kg	106 = 950 kg
71 = 345 kg	83 = 487 kg	95 = 690 kg	

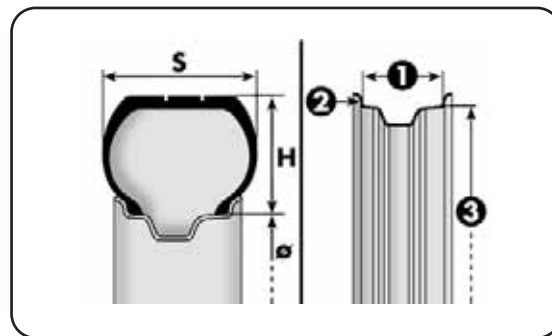


fig. 4



Maximum speed rating

Q = up to 160 km/h.	H = up to 210 km/h.
R = up to 170 km/h.	V = up to 240 km/h.
S = up to 180 km/h.	W = up to 270 km/h.
T = up to 190 km/h.	Y = up to 300 km/h.
U = up to 200 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.

READING RIM MARKINGS fig. 4

Example: 6J x 15 H2 ET 31.5

- 6 = rim width in inches (1).
- J = rim drop centre outline (side projection where the tyre bead rests) (2).
- 15 = rim nominal diameter in inches (corresponds to diameter of the tyre to be mounted) (3 = Ø).
- H2 = shape and number of the humps (tags around the circumference that hold the bead of the Tubeless tyre in place on the rim).
- ET 31.5 = wheel camber angle (distance between the disc/rim supporting plane and the wheel rim centre line).

RIM PROTECTOR TYRES fig. 5



*If after-sale tyres with rim protector are used (fig. 5) and the car has integral cups fixed (by springs) to the sheet wheel, **DO NOT** fit wheel cups. The use of unsuitable tyres and wheel cups could cause a sudden pressure loss of the tyre.*

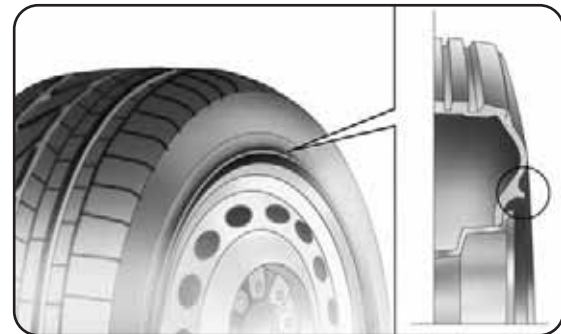


fig. 5

A0J0166m

Versions	Rims	Tyres		Spare wheel	
		Provided	Snow tyres	Tyre	Rim
1.4 Petrol 1.4 Multi Air	7Jx16 ET 39 7Jx17 ET 39 7Jx17 ET 39 7½Jx18 ET 42	195/55 R16 87 H 205/45 R17 88W XL (**) 215/45 R17 87W (*) 215/40 R18 89W XL (*)	195/55 R16 87 H (M+S) 205/45 R17 88 H (M+S) 215/45 R17 87 H (M+S) 215/40 R18 89 H (M+S)	135/70 R16	4B x 16 ET 15
1.4 Turbo Petrol 1.4 Turbo Multi Air 135HP 1.4 Turbo Multi Air 170HP Quadrifoglio Verde	7Jx16 ET 39 7Jx17 ET 39 7Jx17 ET 39 7½Jx18 ET 42	195/55 R16 87 V 205/45 R17 88W XL (**) 215/45 R17 87W (*) 215/40 R18 89W XL (*)	195/55 R16 87 H (M+S) 205/45 R17 88 H (M+S) 215/45 R17 87 H (M+S) 215/40 R18 89 H (M+S)	135/70 R16	4B x 16 ET 15
1.4 Turbo Multi Air 135HP (**)	6Jx15 ET 40 7Jx16 ET 39 7Jx17 ET 39 7½Jx18 ET 42	185/65 R15 88V 195/55 R16 87V 215/45 R17 87W (*) 215/40 R18 89W XL (*)	185/65 R15 88Q (M+S) 195/55 R16 87 H (M+S) 215/45 R17 87 H (M+S) 215/40 R18 89 H (M+S)	135/70 R16	4B x 16 ET 15
1.3 JTD _{M-2} 1.6 JTD _M	6Jx15 ET 40 (▲) 7Jx16 ET 39 7Jx17 ET 39 7Jx17 ET 39 7½Jx18 ET 42	185/65 R15 88H (▲) 195/55 R16 87 H 205/45 R17 88W XL (**) 215/45 R17 87W (*) 215/40 R18 89W XL (*)	185/65 R15 88 H (M+S) (▲) 195/55 R16 87 H (M+S) 205/45 R17 88 H (M+S) 215/45 R17 87 H (M+S) 215/40 R18 89 H (M+S)	135/70 R16	4B x 16 ET 15
1.3 JTD _{M-2} (**) 1.4 Petrol (**)	6Jx15 ET 40 7Jx16 ET 39 7Jx17 ET 39 7½Jx18 ET 42	185/65 R15 88T 195/55 R16 87 H 215/45 R17 87W (*) 215/40 R18 89W XL (*)	185/65 R15 88T (M+S) 195/55 R16 87 H (M+S) 215/45 R17 87 H (M+S) 215/40 R18 89 H (M+S)	135/70 R16	4B x 16 ET 15

Versions fitted with 185/65 R15 88H, 195/55 R16" and 205/45 R17" tyres can be fitted with reduced bulk snow chains with a maximum protrusion from the tyres of 9 mm.

(*) Cannot be used with snow chains

(**) For versions/market, where provided

(▲) 1.6 JTD_M versions



COLD TYRE INFLATION PRESSURES (bar)

Versions	Size	PROVIDED TYRES			
		Medium load		Full load	
		Front	Rear	Front	Rear
1.4 Petrol	185/65 R15 88T (■)	2.3	2.1	2.3	2.3
1.4 Multi Air	195/55 R16 87H	2.3	2.1	2.3	2.3
	205/45 R17 88W XL (■)	2.3	2.1	2.3	2.3
	215/45 R17 87W	2.3	2.1	2.3	2.3
	215/40 R18 89W XL	2.3	2.1	2.3	2.3
1.4 Turbo Petrol	185/65 R15 88V (■)	2.3	2.1	2.5	2.3
1.4 Turbo	195/55 R16 87V	2.3	2.1	2.5	2.3
Multi Air 135HP	205/45 R17 88W XL (■)	2.4	2.2	2.8	2.5
1.4 Turbo	215/45 R17 87W	2.3	2.1	2.6	2.3
Multi Air 170HP	215/40 R18 89W XL	2.4	2.2	2.7	2.4
Quadrifoglio Verde					
1.3 JTD _{M2}	185/65 R15 88T (■) (*)	2.6 (*)	2.4 (*)	2.6 (*)	2.4 (*)
1.6 JTD _M	185/65 R15 88H (**)	2.3 (**)	2.1 (**)	2.5 (**)	2.3 (**)
	195/55 R16 87H	2.3	2.1	2.5 (*)/2.6 (**)	2.3
	205/45 R17 88W XL (■)	2.4 (*)/2.6 (**)	2.2	2.8	2.5 (*)/2.3 (**)
	215/45 R17 87W	2.3 (*)/2.4 (**)	2.1 (*)/2.2 (**)	2.6	2.3
	215/40 R18 89W XL	2.4 (*)/2.5 (**)	2.2	2.7	2.4 (*)/2.3 (**)
Spare wheel	135/70 R16	4.2			

(■) For versions/market, where provided

(*) 1.3 JTD_{M2} versions (**) 1.6 JTD_M versions

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.

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

When running at speeds of higher than 160 km/h, inflate tyres at full load inflation values.

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.
The height refers to the vehicle unladen.

Luggage compartment capacity

Unladen luggage compartment capacity
(V.D.A. standards): 270 dm³

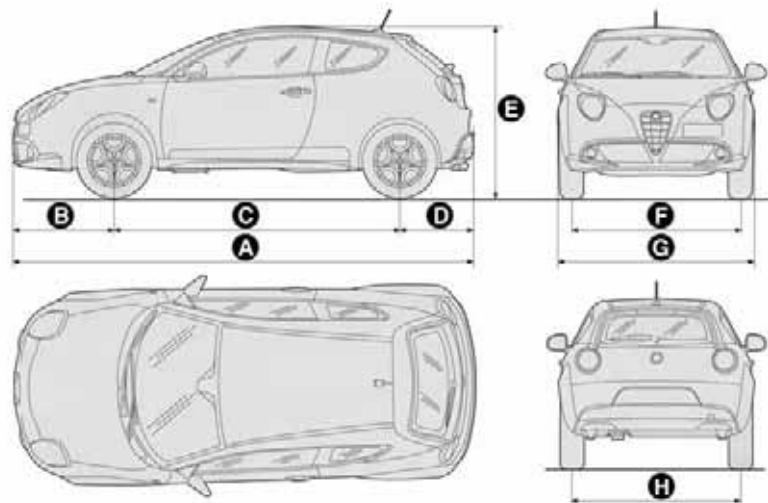


fig. 5

A010202m

A	B	C	D	E	F	G	H
4063	904	2511	648	1446	1475 (●) 1483 (□)	1720	1469 (●) 1475 (□)

Measurements may vary according to rim size

(□) With 195/55 R16 tyres (●) With 215/40 R18 tyres



PERFORMANCE

Versions	Top speed (km/h)	Acceleration from 0-100 km/h (sec.)
1.4 Multi Air 105HP	187	10.7
1.4 Turbo Multi Air 135HP	207	8.4
1.4 Turbo Multi Air 170HP Quadrifoglio Verde	219	7.5
1.4 Petrol 78HP (*)	165	12.3
1.4 Petrol 95HP (*)	180	12.1
1.4 Turbo Petrol 120HP	198	8.8
1.4 Turbo Petrol 150HP (*)/155HP	215	8.0
1.3 JTDM-2	180	11.6
1.6 JTDM	198	9.9

(*) For versions/markets, where provided

WEIGHTS

Weights (kg)	1.4 Multi Air		1.4 Turbo Multi Air 135HP		1.4 Turbo Multi Air 170HP Quadrifoglio Verde		1.4 Petrol 78HP	
	4 seater	5 seater	4 seater	5 seater	4 seater	5 seater	4 seater	5 seater
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	1090	1090	1135	1135	1145	1145	1080	1080
Carrying capacity (*) including the driver:	480	560	480	560	480	560	480	560
Maximum permitted loads (**)								
— front axle:	950	950	950	950	950	950	850	850
— rear axle:	850	850	850	850	850	850	850	850
— total:	1570	1650	1615	1695	1625	1705	1560	1640
Towable loads								
— trailer with brakes:	500	500	500	500	500	500	500	500
— trailer without brakes:	400	400	400	400	400	400	400	400
Maximum load on roof:	40	40	40	40	40	40	40	40
Maximum load on tow hitch (trailer with brakes):	60	60	60	60	60	60	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload with respect to the maximum permitted load.

(**) Loads not to be exceeded. The driver is responsible for arranging the loads in the boot and/or on the roof so that they comply with these limits.



Pesi (kg)	1.4 Petrol 95HP		1.4 Turbo Petrol		1.3 JTDm-2		1.6 JTDm	
	4 seater	5 seater	4 seater	5 seater	4 seater	5 seater	4 seater	5 seater
Unladen weight fuel tank filled to 90% and without optional equipment):	1080	1080	1145	1145	1150	1150	1205	1205
Carrying capacity (*) including the driver:	480	560	480	560	480	560	480	560
Maximum permitted loads (**)								
— front axle:	850	850	950	950	950	950	1000	1000
— rear axle:	850	850	850	850	850	850	850	850
— total:	1560	1640	1625	1705	1630	1710	1685	1765
Towable loads								
— trailer with brakes:	500	500	500	500	1000	1000	1000	1000
— trailer without brakes:	400	400	400	400	400	400	400	400
Maximum load on roof	40	40	40	40	40	40	40	40
Maximum load on tow hitch (trailer with brakes):	60	60	60	60	60	60	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload with respect to the maximum permitted load.

(**) Loads not to be exceeded. The driver is responsible for arranging the loads in the boot and/or on the roof so that they comply with these limits.

CONSUMABLES

	1.4 Multi Air		1.4 Turbo Multi Air		1.4 Petrol		Recommended fuels and original lubricants
	litres	kg	litres	kg	litres	kg	
Fuel tank: including a reserve of:	45 5-7	— —	45 5-7	— —	45 5-7	— —	Unleaded petrol not less than 95 R.O.N (Specification EN228)
Engine cooling system — with climate control:	5.2	—	6.0	—	5.2	—	Mixture of 50% demineralised water and 50% PARAFU ^{UP} (▲)
Engine sump:	3.1	2.65	3.1	2.65	2.75	2.4	SELENIA StAR P.E.
Engine sump and filter:	3.4	2.9	3.5	3.0	2.9	2.6	
Gearbox/differential casing:	1.6	—	1.87	1.7	1.6	—	TUTELA CAR TECHNYX (1.4 Petrol, 1.4 Multi Air, 1.4 Turbo Petrol, 1.4 Turbo Multi Air 135HP, 1.3 JTD _{M2} versions) TUTELA CAR MATRYX (1.4 Turbo Petrol 155HP versions) TUTELA TRANSMISSION GEARFORCE (1.4 Turbo Multi Air 170HP, 1.6 JTD _M versions)
Hydraulic brake circuit with ABS system	—	0.5	—	0.5	—	0.5	TUTELA TOP 4
Windscreen/rearscreen headlight washer reservoir: (***):	2.2 (4.5)	—	2.2 (4.5)	—	2.2 (4.5)	—	Mixture of water and fluid TUTELA PROFESSIONAL SC 35

(▲) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFU^{UP} and demineralised water

(***) Values in brackets refer to versions with headlight washer



	1.4 Turbo Petrol		1.3 JTDm-2		1.6 JTDm		Recommended fuels and original lubricants
	litres	kg	litres	kg	litres	kg	
Fuel tank: including a reserve of:	45 5-7	— —	45 (●) 5-7	— —	45 (●) 5-7	— —	Unleaded petrol not less than 95 R.O.N (Specification EN228) (●) Diesel fuel for motor vehicles (Specification EN590)
Engine cooling system — with climate control:	6.0	—	7.2	—	5.7	—	Mixture of 50% demineralised water and 50% PARAFLU ^{UP} (▲)
Engine sump: Engine sump and filter:	2.75	2.4	3.0	2.7	4.3	3.8	SELENIA StAr P.E. (petrol versions) SELENIA WR P.E. (diesel versions)
	3.3	2.95	3.2	2.9	4.6	4.0	
Gearbox/differential casing:	2.0	—	1.8	—	1.87	1.7	TUTELA CAR TECHNIX (1.4 Petrol, 1.4 Multi Air, 1.4 Turbo Petrol, 1.4 Turbo Multi Air 135HP, 1.3 JTDm-2 versions) TUTELA CAR MATRYX (1.4 Turbo Petrol 155HP versions) TUTELA TRANSMISSION GEARFORCE (1.4 Turbo Multi Air 170HP, 1.6 JTDm versions)
Hydraulic brake circuit with ABS system	—	0.5	—	0.5	—	0.5	TUTELA TOP 4
Windscreen/rearscreen headlight washer reservoir: (***):	2.2 (4.5)	—	3 (6)	—	3 (6)	—	Mixture of water and fluid TUTELA PROFESSIONAL SC 35

(▲) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU^{UP} and demineralised water

(***) Values in brackets refer to versions with headlight washer

FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND SPECIFICATIONS

Use	Fluid qualitative specifications and lubricants for correct vehicle operation	Fluids and lubricants original	Interval replacement
Lubricants for petrol engines	Synthetic-based oil, grade SAE 5W-40 ACEA C3. FIAT 9.55535-S2 Classification	SELENIA StAR P.E. Contractual Technical Reference N° F603.D08	According to Scheduled Servicing Plan
Lubricants for diesel engines	Synthetic-based oil, grade SAE 5W-30 FIAT 9.55535-S1 Classification	SELENIA WR P.E. Contractual Technical Reference N° F510.D07	According to Scheduled Servicing Plan

For diesel engines, in emergency cases where genuine products are not available, lubricants with min. performance ACEA C2 are acceptable. If this is the case, the best engine performance is not guaranteed. We recommend replacing the lubricant as soon as possible at an Alfa Romeo Authorised Service.

The use of products with characteristics that are not up to ACEA C3 (for petrol engines) and ACEA C2 (for diesel engines) standard could cause engine damage not covered by the warranty.

For petrol versions with Multi Air system, the use of lubricants with features below ACEA C3 and SAE grade other than 5W-40 could cause damage to the engine, not covered by the warranty.



Use	Fluid qualitative specifications and lubricants for correct vehicle operation	Fluids and lubricants original	Applications
Lubricants and grease for drive transmission system	Synthetic-based oil, grade SAE 75W-85. Passes API GL-4 specifications FIAT 9.55550-MX3 qualification	TUTELA CAR TECHNYX Contractual Technical Reference N° F010.B05	Manual gearboxes and differentials (only 1.4 Petrol, 1.4 Multi Air, 1.4 Turbo Petrol 120HP, 1.4 Turbo Multi Air 135 HP, 1.3 JTDm2, versions)
	Synthetic-based oil, grade SAE 75W-85. Passes API GL-4 specifications FIAT 9.55550-MZ1 qualification	TUTELA CAR MATRYX Contractual Technical Reference N° F108.F02	Manual gearbox and differentials (1.4 Turbo Petrol 155HP versions)
	Synthetic-based oil, grade SAE 75W. FIAT 9.55550-MZ6 qualification	TUTELA TRANSMISSION GEARFORCE Contractual Technical Reference N° F002.F10	Manual gearbox and differentials (1.4 Turbo Multi Air 170 HP Quadrifoglio verde, 1.6 JTDm versions)
	Grease for constant velocity joints with low friction coefficient. Consistency N.L.G.I. 0-1. FIAT 9.55580 qualification	TUTELA STAR 700 Contractual Technical Reference N° F701.C07	Constant velocity joints differential-side
	Molybdenum disulphide grease, for use at high temperatures. Consistency N.L.G.I. 1-2. FIAT 9.55580 qualification	TUTELA ALL STAR Contractual Technical Reference N° F702.G07	Constant velocity joints wheel-side
Brakes Fluid	Synthetic fluid for braking and clutch systems Exceeds specifications: FMVSS n° 116 DOT 4, ISO 4925, SAE J 1704. FIAT 9.55597 qualification	TUTELA TOP 4 Contractual Technical Reference N° F001.A93	Hydraulic brakes and hydraulically operated clutches
Protective for radiators	Inhibited mono ethylene glycol-based antifreeze protection, red, with organic formulation. Passes CUNA NC 956-16, ASTM D 3306 specifications.	PARAFU ^{UP} (●) Contractual Technical Reference N° F101.M01	Cooling circuits proportions of use: 50% water 50% PARAFU ^{UP} (□)
Additive for diesel	Additive for diesel fuel protecting Diesel engines.	TUTELA DIESEL ART Contractual Technical Reference N° F601.L06	To be mixed with diesel (25 cc per 10 litres)
Fluid for windscreen/rearscreen/headlight washer	Mixture of alcohols and surfactants. Exceeds CUNA NC 956-11 specification. FIAT 9.55522 qualification	TUTELA PROFESSIONAL SC 35 Contractual Technical Reference N° F201.D02	To be used diluted or undiluted in windscreen/rear window washer/wiper systems

(●) IMPORTANT Don't use fluids with different specifications for topping up or mixing.

(□) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFU^{UP} and demineralised water.

FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the homologation tests set 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: frequent accelerations in all gears, simulating extra urban use of the car: speed varies between 0 and 120 km/h;

- combined fuel consumption: calculated based on about 37% of urban cycle consumption and about 63% of extra urban consumption.

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

ACCORDING TO EUROPEAN DIRECTIVE IN FORCE (litres x 100 km)

	1.4 Multi Air	1.4 Turbo Multi Air 135HP	1.4 Turbo Multi Air 170HP Quadrifoglio verde	1.4 Petrol 78HP/95HP (*)		1.4 Turbo Petrol 120HP	1.4 Turbo Petrol 150HP (*)/155HP	1.3 JTDm-2		1.6 JTDm
Urban Cycle	7.5	7.4	8.1	7.7	7.7 (*)	8.1	8.5	5.5	5.1(*)	5.3
Extra Urban Cycle	4.7	4.5	4.8	4.8	4.6 (*)	5.0	5.3	3.6	3.3(*)	3.8
Combined Fuel Consumption	5.7	5.6	6.0	5.9	5.7 (*)	6.1	6.5	4.3	4.0(*)	4.4

(*) For versions/markets, where provided



CO₂ EMISSIONS

The CO₂ emission levels at the exhaust given in the following tables refer to combined consumption.

ACCORDING TO EUROPEAN DIRECTIVE IN FORCE (g/km)

1.4 Multi Air	1.4 Turbo Multi Air 135HP	1.4 Turbo Multi Air 135HP (*)	1.4 Turbo Multi Air 170HP Quadrifoglio Verde	1.4 Petrol 78HP/95HP (*)
134	129	128	139	138/134 (*)

(*) For versions/markets, where provided

1.4 Turbo Petrol 120HP	1.4 Turbo Petrol 150HP (*)/155HP	1.3 JTDm-2	1.3 JTDm-2 (*)	1.6 JTDm
145	153	112	104	114

(*) For versions/markets, where provided

PROVISIONS FOR THE PROCESSING OF A VEHICLE AT THE END OF ITS LIFE-CYCLE

For years now Alfa Romeo has been developing its global commitment towards the safeguarding and protection of the Environment through the continuous improvement of its production processes and the making of increasingly more “eco friendly” products. With a view to guaranteeing the best possible service to clients in full observance of environmental standards and in response to the obligations imposed by European Directive 2000/53/EC on end-of-life vehicles, Alfa Romeo offers its clients the possibility to hand in their vehicle* at the end of its life span without additional costs.

The European Directive, in fact, provides for the take-back of the vehicle without the last holder or owner of the same incurring expenses due to the fact that the market value of the vehicle is zero or negative. In particular, in almost all of the countries of the European Union, up until 1st January 2007, take-back of the vehicle free of charge only applies to vehicles registered from 1 July 2002 on, while, from 2007 on, take-back will be carried out free of charge, independently of the year of registration, provided that the vehicle still contains all its essential component parts (especially engine and body) and is free from additional waste materials.

Our contracted network of authorised treatment facilities has been carefully selected in order to provide a quality service to our customers by de-polluting and recycling “End of Life Vehicles” to approved environmental standards. To find out the location of your nearest authorised treatment facility, offering free of charge take-back, simply contact one of our dealers or refer to the Alfa Romeo web site or call the toll free number 00800 2532 0000.

* Passenger transportation vehicles to seat a max. of nine persons, having a total admissible weight of 3.5 t



In the heart of your engine.



Always ask your mechanic for



*The engine of your car is factory filled with **Selenia**.
This is an engine oil range which satisfies the most advanced
international specifications. Its superior technical characteristics
allow **Selenia** to guarantee the **highest performance
and protection of your engine**.*

The Selenia range includes a number of technologically advanced products:

SELENIA SPORT

Fully synthetic lubricant capable of meeting the needs of high performance engines.

Studied to protect the engine also in high thermal stress conditions, it prevents deposits on the turbine to achieve the utmost performance in total safety.

SELENIA WR PURE ENERGY

Fully synthetic lubricant that can meet the requirements of the latest diesel engines.

Low ash content to protect the particulate filter from the residual products of combustion. High Fuel Economy System that allows considerable fuel saving.

It reduces the danger of dirtying the turbine to ensure the protection of increasingly high performance diesel engines

SELENIA STAr PURE ENERGY

Synthetic lubricant designed for petrol engines that need products with a low ash content. It maximises the characteristics of engines with high specific power, protects the parts mostly subjected to stress and helps to keep modern catalysts clean.

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This lubricant has been developed as a result of Selenia's extensive experience in track and rally competitions, it maximises engine performance in all kinds of competition use.

The range also includes K Pure Energy, Selenia Digitech, Selenia Multipower, Selenia 20K, Selenia 20K AR. For further information on Selenia products visit the web site **www.selenia.com**



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DASHBOARD

The presence and position of controls, instruments and gauges may vary according to different versions.

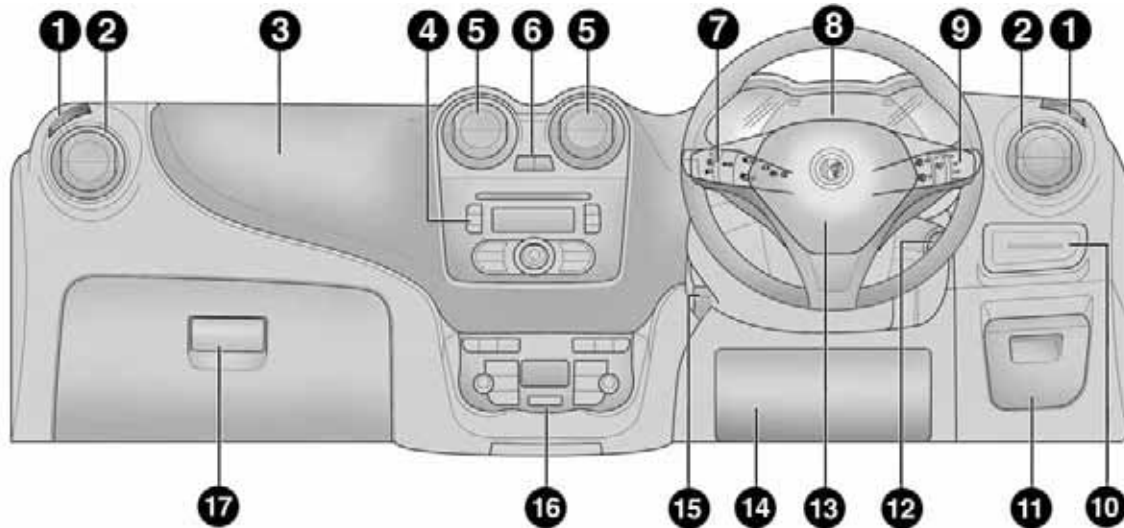
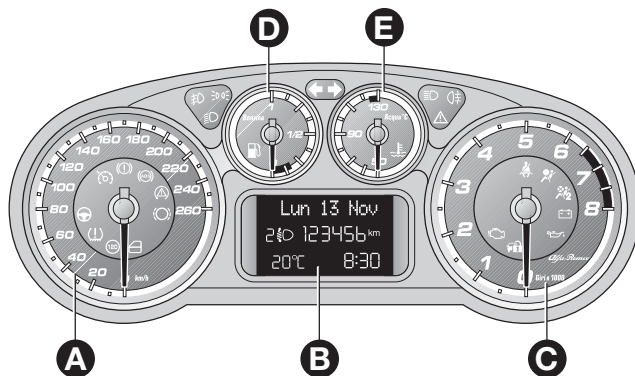


fig. 1

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1. Air vent for side windows - 2. Adjustable air vent - 3. Passenger front air bag - 4. Radio (for versions/markets, where provided) - 5. Adjustable air vents - 6. Hazard warning lights, door lock/unlock button - 7. Exterior lighting control lever - 8. Instrument panel - 9. Windscreen wiper/rearscreen wiper/trip computer control lever - 10. Control panel - 11. Fuse box access flap - 12. Ignition device - 13. Driver front air bag - 14. Driver front knee air bag (for versions/markets, where provided) - 15. Steering lock lever - 16. Heating/ventilation/climate control system controls - 17. Glove compartment .

INSTRUMENT PANEL AND ONBOARD INSTRUMENTS



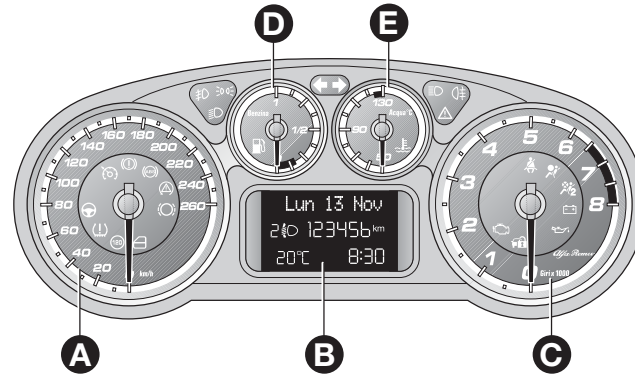
A010292m

VERSIONS WITH MULTIFUNCTIONAL DISPLAY

- A Speedometer (speed indicator)
- B Multifunctional display
- C Rev counter
- D Fuel level gauge with reserve warning light
- E Engine coolant temperature gauge and excessive temperature warning light



  Warning lights supplied in diesel versions only. On diesel versions the rpm gauge end of scale is set at 6000 rpm

WARNING Instrument background colour and type may vary according to the version.



A010293m

VERSIONS WITH RECONFIGURABLE MULTIFUNCTIONAL DISPLAY

- A Speedometer (speed indicator)
 - B Reconfigurable multifunctional display
 - C Rev counter
 - D Fuel level gauge with reserve warning light
 - E Engine coolant temperature gauge and excessive temperature warning light
-   Warning lights supplied in diesel versions only. On diesel versions the rpm gauge end of scale is set at 6000 rpm
- WARNING** Instrument background colour and type may vary according to the version.



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Largo Senatore G. Agnelli, 5 – 10040 Volvera – Torino (Italia)

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