

F I A T M U L T I P L A



O W N E R H A N D B O O K

Dear Customer,

Thank you for selecting Fiat and congratulations on your choice of a Fiat Multipla.

We have written this handbook to help you get to know all your new Fiat Multipla's features and use it in the best possible way.

You should read it right through before taking the road for the first time.

You will find information, tips and important warnings regarding the driving of your car to help you derive the maximum from your Fiat Multipla's technological features.

You are recommended to read carefully the warnings and indications marked with the respective symbols:



personal safety;



the car's wellbeing;



environmental protection.

The enclosed Fiat warranty booklet lists the Services that Fiat offers to its Customers:

- the Warranty Certificate with terms and conditions for maintaining its validity
- the range of additional services available to Fiat Customers.

Best regards and good motoring!

**This Owner Handbook describes all Fiat Multipla versions.
As a consequence, you should consider only the information which is related to the engine
and bodywork version of the car you purchased.**

MUST BE READ!

REFUELLING



Petrol engines: only refuel with unleaded petrol with octane rating (RON) not less than 95 conforming to the European specification EN228.


Diesel engines: only refuel with diesel fuel conforming to the European specification EN590.

Using other products or mixtures may damage the engine beyond repair and cause the forfeiture of the warranty cover for caused damages as a consequence.

ENGINE START-UP



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

Diesel engines: make sure that the handbrake is engaged; set the gearshift lever to neutral; fully depress the clutch without pressing the accelerator; turn the ignition key to **MAR** and wait for the  warning light to go off; turn the ignition key to **AVV** and release it as soon as the engine has started.

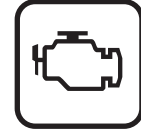
PARKING ON FLAMMABLE MATERIAL



While working, the catalyst develops a very high temperature. Do not park the car over grass, dry leaves, pine needles or any other inflammable materials: risk of fire.

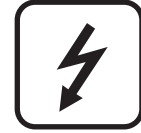
RESPECTING THE ENVIRONMENT

The car is fitted with a system that allows continuous diagnosis of the components correlated with emissions to ensure better respect for the environment.



ELECTRICAL ACCESSORIES

If, after buying the car, you decide to add electrical accessories (that will gradually drain the battery), visit a Fiat Dealership. They can calculate the overall electrical requirement and check that the car's electric system can support the required load.



CODE card

Keep the code card in a safe place, not in the car. You should always keep the electronic code written on the CODE card with you in case you need to carry out an emergency start-up procedure.






SERVICE

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



THE OWNER HANDBOOK CONTAINS ...

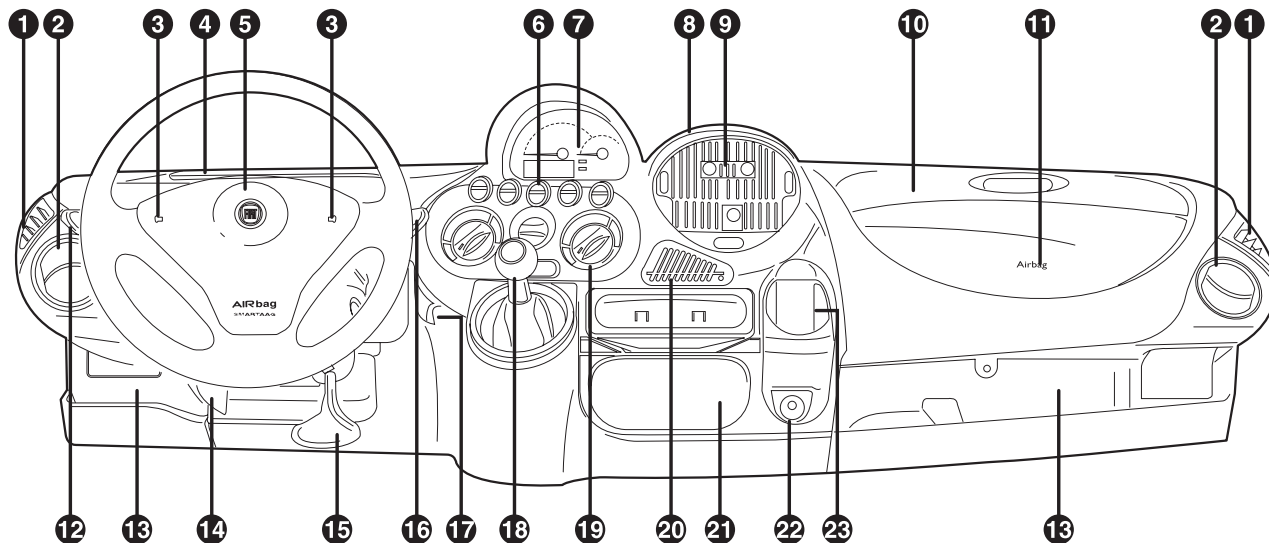
...information, tips and important warnings regarding the safe, correct driving of your car, and its maintenance. Pay particular attention to the symbols  (personal safety)  (environmental protection)  (the car's wellbeing).



DASHBOARD AND CONTROLS

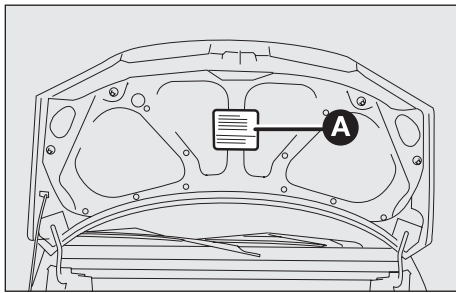
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DASHBOARD



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1 Fixed vent to send air to the side windows - 2 Adjustable and swivel air vents - 3 Horn - 4 Oddments tray - 5 Driver's airbag - 6 Hazard light switch - 7 Instrument panel and warning lights - 8 Fixed air vent - 9 Adjustable and swivel air vents - 10 Oddments tray - 11 Passenger's airbag (where fitted) - 12 External light stalk - 13 Glove compartment - 14 Bonnet lever - 15 Steering wheel adjustment lever - 16 Windscreen wiper/washer lever - 17 Headlight beam adjuster - 18 Gearshift lever - 19 Heating and ventilation controls - 20 Coin/credit card holder - 21 Cigar lighter and ashtray flap - 22 Current socket - 23 Oddment tray/glass holder



FOE0657m

SYMBOLS

Special coloured labels have been attached near or actually on some of the components of your Fiat Multipla. These labels bear symbols that remind you of the precautions to be taken as regards that particular component.

The plate summarising the symbols used (A) can be found under the bonnet.

THE FIAT CODE SYSTEM


To further protect your car from attempted theft, it has been fitted with an electronic engine immobiliser (Fiat CODE) which is automatically activated when the ignition key is removed.

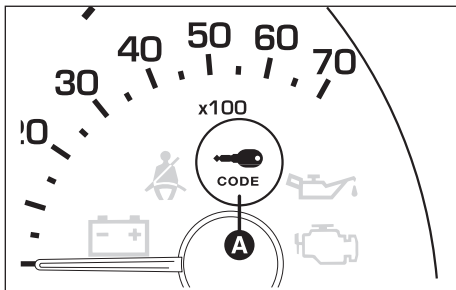
An electronic device, in fact, is fitted in each ignition key grip. The device transmits a radio-frequency signal when the engine is started through a special aerial built into the ignition switch. The modulated signal, which changes each time the engine is started, is the password by means of which the control unit recognises the key and enables to start the engine.

OPERATION



Each time the ignition key is removed from STOP, or PARK, the protection system will immobilise the engine.

When the key is turned to MAR at engine startup:

- If the code is acknowledged warning light (A)  on the instrument panel will flash briefly; the code system has acknowledged the key code and deactivates the engine immobiliser. When the key is turned to AVV, the engine starts up.





FOE0379m


- ❑ If warning light  remains lit (together with warning light  on petrol engine versions only) the code is not acknowledged. Bring the key back to STOP then onto MAR again. If it still remains immobilised, try with another key.

If it is still not possible to start the engine, you will have to use the emergency procedure (see section “In an emergency”) and contact Fiat Dealership.

Starting up with ignition key at MAR:

- ❑ If warning light  comes on, it means that the system is making a self-test (e.g. for a voltage drop). The first time you stop you can test the system: switch off the engine turning the key to STOP; then turn to MAR again: warning light  comes on and should go out after about one second. If it remains alight, repeat the operations described above, leaving the key at STOP for more than 30 seconds.

If the problem persists, go to a Fiat Dealership.

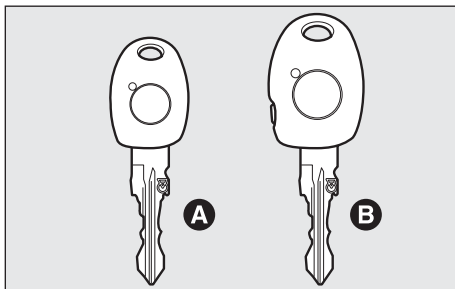
- ❑ If warning light  flashes it means that the car is not protected by the immobiliser. Contact a Fiat Dealership immediately and get them to store the codes of all the keys in the memory.

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

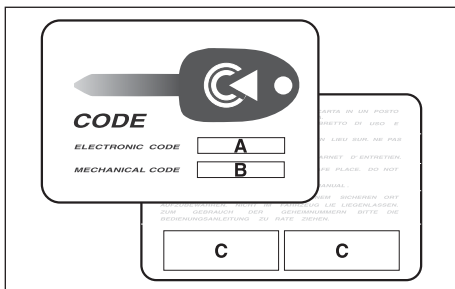
IMPORTANT Each key handed over with the car has its own code, different from all the others, which must be stored in the memory of the system’s control unit. To have new keys memorised (maximum seven) go to a Fiat Dealership taking with you all the keys in your possession, the CODE card, personal identification and car documents.



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



FOE004m



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THE KEYS

CODE CARD (optional for versions/markets where applicable)

The car is delivered with:

- key (B) and key (A) when the car is fitted with door remote control.
- two copies of key (B) when the car is fitted with electronic alarm.

Keys are delivered with a CODE card that bears the following:

- A - the electronic code to be used for emergency starting (see “Emergency starting” in section “In an emergency”);
- B - the mechanical key code to be given to the Fiat Dealership when ordering duplicate keys;
- C - spaces for any remote control stickers when the car is fitted with the remote control option.

Make sure you have the electronic code of the CODE card with you at all times in the event you have to perform an emergency start-up.

IMPORTANT In order to ensure perfect efficiency of the electronic devices contained inside the keys, they should never be exposed to direct sunlight.



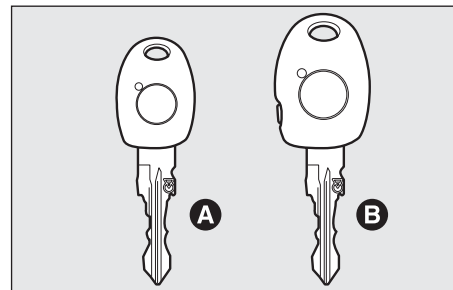
All the keys and the CODE card must be handed over to the new owner when selling the car.

KEY WITHOUT REMOTE CONTROL

Key (A) (delivered in one copy only) is the one to be used normally for:

- starting up
- locking/unlocking the doors
- locking/unlocking the fuel cap
- deactivating the passenger's airbag.

Key (B), with built-in remote control, performs the same functions as key (A) for cars fitted with door remote control and/or electronic alarm.



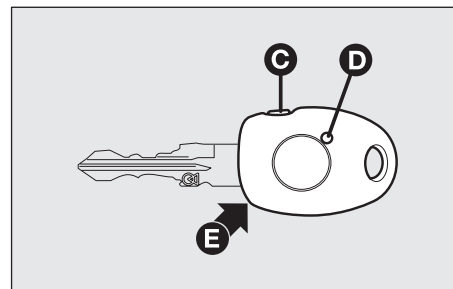
FOE004m

KEY WITH REMOTE CONTROL

The remote control built into the ignition key has a button (C) and a led (D) (where required); the button activates the remote control and the led flashes to show that the transmitter is sending the code to the receiver. The remote control operates at radio-frequency.

Ministerial homologation

In accordance with the regulations in force in each country as concerns radio-frequency, the following shall be pointed out: the specific homologation numbers for each country are indicated in the last pages of this handbook and for markets requiring transmitter code marking, the homologation number is printed directly on the key grip.



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DUPLICATE KEYS

If you need extra keys, go to a Fiat Dealership and take all the keys and the CODE card with you. Fiat Dealership will store all the old and new keys (up to 7 keys) in the memory. Fiat Dealership may ask you to prove that you are the owner of the car.

The codes of any keys that are not handed over when the new storage procedure is carried out will be deleted from the memory to prevent any lost or stolen keys being used to start the car.

REQUEST FOR ADDITIONAL REMOTE CONTROLS

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

Should a new key with remote control be necessary, contact directly a Fiat Dealership, taking with you the CODE card, a personal identity document and the car's ownership documents.

REPLACING THE BATTERIES

If, when the remote control button is pressed, the led flashes only once or the instrument panel led (F) remains lit for about 2 minutes, change the batteries with others of the same kind: open the plastic case by inserting a screwdriver in slot (E). Insert the new batteries respecting the polarity and close the plastic case.



Used batteries are harmful to the environment. They should be disposed of as specified by law in the special containers provided, or take them to a Fiat Dealership, which will deal with their disposal.

ELECTRONIC ALARM

The electronic alarm has the following functions:

- central door locking/unlocking remote control;
- perimetral surveillance, which picks up opened doors, bonnet and tailgate;
- volumetric surveillance, which picks up the movement of any intruders inside the passenger compartment.

OPERATION

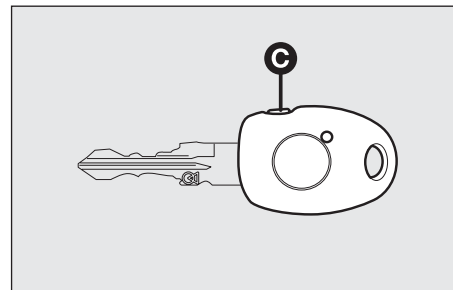
The electronic alarm of Fiat Multipla is controlled by the receiver located in the dashboard under the front right panelling. It is activated by the radio-frequency remote control built into the ignition key.

It will only work when the ignition key is removed from position STOP or PARK.

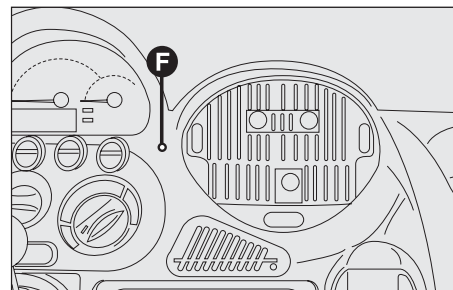
The electronic alarm control unit also includes the self-powered alarm siren; the siren may be deactivated.

To switch the electronic alarm on: press briefly the remote control button (C). You should hear a “beep” and the direction indicators switch on for about 3 seconds (in countries where legislation permits it). The warning led (F) inside the car will flash as long as the car alarm is on.

To switch the electronic alarm off: press the remote control button again. You will hear two “beeps” and the direction indicators will flash twice (in countries where legislation permits it).



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To deactivate the volumetric surveillance: the volumetric protection function can be deactivated before activating the electronic alarm in this way: turn the ignition key from STOP and bring it in rapid succession onto MAR then back to STOP, after which, remove the key.

The led (F) on the instrument panel will light up for about 2 seconds to confirm that the sensors have been cut off.

To reactivate the volumetric protection (before enabling the electronic alarm) turn the key to MAR for more than 30 seconds.

If, however, the volumetric protection has been deactivated and you wish to operate one of the electronic controls managed by the ignition key in MAR (e.g. electric windows) turn the key to MAR, use the required electric control then bring the key back to STOP within 30 seconds. In this way the volumetric protection will not be reactivated.

To cut out the siren: press the remote control button for about 4 seconds when enabling the electronic alarm.

Five beeps will be heard which indicate that the siren has been disabled and the alarm has been enabled.

SELF-TEST

If when switching the car alarm on, you hear a “beep” followed after about one second by a shorter “beep”, check that the doors, bonnet and boot are all closed properly, then try switching the alarm on again. If the problem repeats, contact Fiat Dealership.

PROGRAMMING THE SYSTEM

When your new car is handed over to you, the electronic alarm has already been programmed by the Fiat Dealership. Any subsequent programming should also be carried out by a Fiat Dealership.

IMPORTANT The electronic alarm operation is prepared according to the laws of the specific country. This operation is only to be carried out by a Fiat Dealership, to avoid damaging the electronic memory storage system.

WHEN THE ALARM IS TRIGGERED

When the system is on, the electronic alarm comes into action in the following cases:

- One of the doors, the bonnet or the tailgate are opened.
- The battery is disconnected or the electronic alarm power supply cables are cut.
- Something moves in the passenger compartment (volumetric surveillance).
- The key is turned to MAR.

When the alarm is triggered, the siren sounds for about 26 seconds (for a maximum of 3 cycles at 6 second intervals if the cause of the alarm persists) and the direction indicators will flash for about 5 minutes (only in countries where legislation permits it).

Once the alarm situation has been resolved, the alarm system continues its surveillance. To cut off the alarm before this, press the remote control button.

HOW TO DEACTIVATE THE ALARM

To switch the alarm off, press the remote control button on the key.

In countries where admitted by law regulations, the system is preset for an emergency procedure to be carried out when the alarm does not turn off (due to flat remote control battery or system fault):

- open the door after unlocking the lock with the key,
- fit the key into the ignition switch,
- turn the key to MAR.

To reactivate the alarm after the emergency procedure, turn the key to STOP and remove it. Then, press twice the remote control button: first press will re-align the system (this because the last operation for excluding the alarm was performed using the key and not the remote control), the second press will reactivate the alarm.

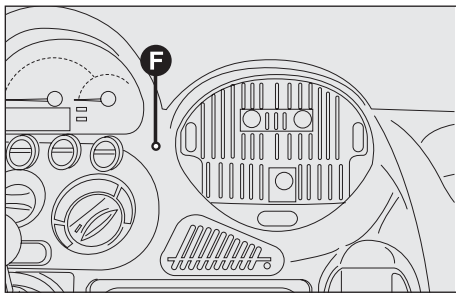
When using the key, if the remote control battery is flat the key led will flash once.

Flat battery condition is also indicated by the dashboard led glowing steadily for 2 minutes each time the alarm is deactivated.

In this event the key battery should be replaced by a new one of the equivalent type on sale *c/o* normal retailers.

If it is not possible to switch on the alarm with a new remote control battery, contact Fiat Dealership to have the system checked.

IMPORTANT If the car is to remain inactive for a prolonged length of time (over three weeks) and security conditions permitting, it is advisable to operate central locking turning the key in the door lock to avoid engaging the alarm and draining the battery.



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HOW TO KNOW WHETHER THE ALARM HAS GONE OFF

After switching the system off, led (F) will indicate whether the alarm system has been triggered and also the reason for activation:

Alarm indications

- 1 flash = right front door
 - 2 flashes = left front door
 - 3 flashes = right rear door
 - 4 flashes = left rear door
 - 5 flashes = volumetric sensors on ceiling light
 - 6 flashes = bonnet
 - 7 flashes = boot lid
 - 8 flashes = ignition power supply
 - 9 flashes = power supply + Battery
 - 10 flashes = at least 3 alarm situations.
 - Fixed light = transmitter battery low.
- The flashing codes are emitted in sequence at 1.5 second intervals

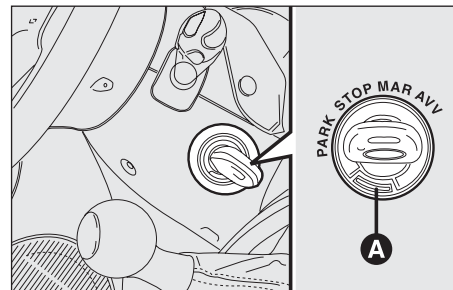


Since the electronic car alarm absorbs electricity, if you will not be using your car for more than a month, switch the system off with the remote control.

IGNITION SWITCH

The key can be turned to 4 different positions:

- STOP: engine off, key can be removed, steering column locked. Certain electrical devices (e.g.: sound system, central door locking, electronic alarm, etc.) can work.
- MAR: driving position. All electrical devices are powered.
- AVV: engine starting.
- PARK: engine off, parking lights on, key can be extracted, steering locked. To turn the key to PARK, press button (A).



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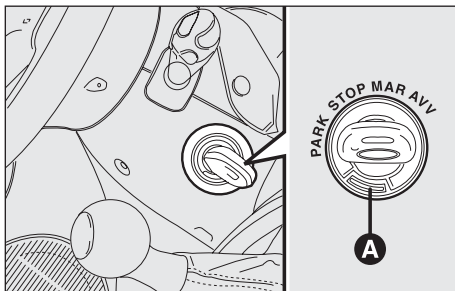
WARNING

If the ignition device is tampered with (e.g.: attempted theft), have it checked over by a Fiat Dealership.



WARNING

When getting out of the car, always remove the key to prevent any occupants from accidentally activating the controls. Remember to engage the handbrake and if the car is parked on uphill slope to engage the first gear. If the car is facing downhill, engage the reverse gear. Never leave unsupervised children in the car.



FOE0010m

STEERING COLUMN LOCK

To engage the lock: when the key is at STOP, or PARK, remove the ignition key and turn the steering wheel until it locks.

To disengage the lock: rock the steering wheel slightly as you turn the key to MAR.



WARNING

Never remove the ignition key while the car is moving. The steering wheel would automatically lock as soon as you try to turn it. This also applies when the car is being towed.





WARNING

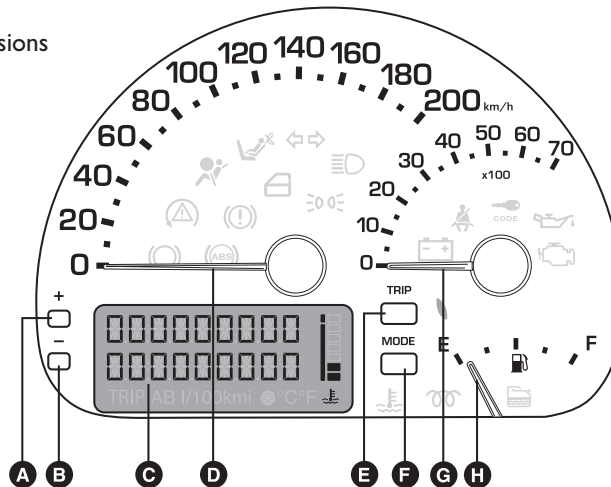
It is absolutely forbidden to carry out whatever after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, cause the lapse of warranty and also result in non-compliance of the car with homologation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

INSTRUMENT PANEL

- A. Multifunction display menu scroll button +
- B. Multifunction display menu scroll button -
- C. Configurable multifunction display.
- D. Speedometer
- E. Trip computer scrolling trip button
- F. Multifunction display configuration mode button
- G. Rev counter
- H. Fuel level gauge.

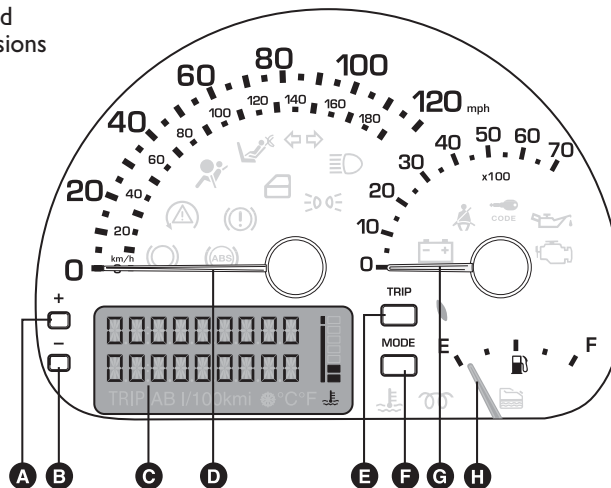
(Warning lights  and  are fitted on JTD versions only)

Left-hand
drive versions



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Right-hand
drive versions



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DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

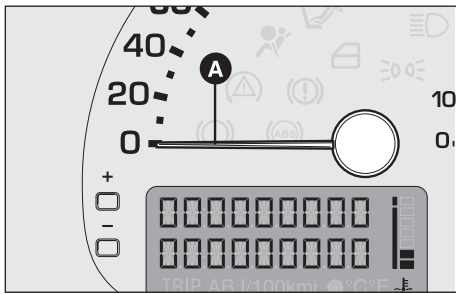
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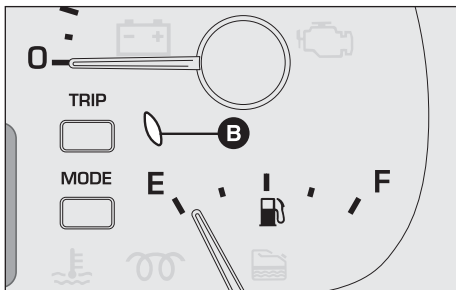


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INSTRUMENTS

SPEEDOMETER

Indicator (A) displays the car speed (speedometer).



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FUEL LEVEL GAUGE

The needle indicates the amount of fuel still in the tank. If the reserve warning light (B) comes on it means that there are about 7 litres left in the tank.

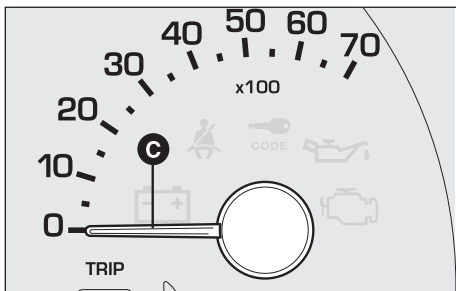
E - empty tank.

F - full tank.

Never travel with the tank almost empty: lack of fuel could damage the catalyser.

See the indications given in paragraph "At the filling station".

IMPORTANT If there is a fault in the fuel level control system, the reserve warning light flashes continuously and the level needle goes to zero.



FOE0378m

REV COUNTER

Needle (C) shows engine rpm.

IMPORTANT A "runway speed rate" will cause the electronic injection control unit to stop the fuel flow thus causing the engine to lose power.

CONTROL BUTTONS

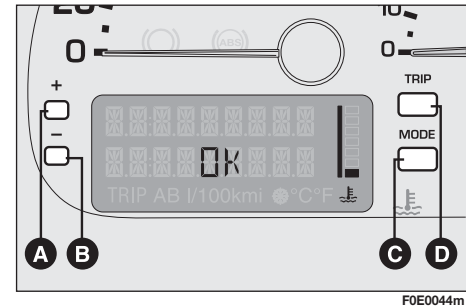
In order to make the most of the information provided by the configurable display (with the key at MAR), you should firstly familiarise with the respective control buttons shown and learn how to use the buttons as described. You are also advised to read this entire chapter before using the display.

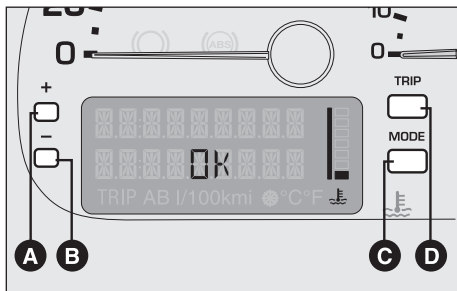
Buttons (A) \oplus and (B) \ominus are active when you have entered a MENU on the display.

A - Button \oplus to scroll menus and options up and, in some cases, to increase the displayed value (e.g. to set the time).

B - Button \ominus to scroll menus and options down and, in some cases, to decrease the displayed value (e.g. to set the time).

IMPORTANT When side lights are on and the standard screen is displayed, buttons \oplus and \ominus can be used to adjust the instrument panel and the display lights (rheostat).





FOE0044m

C - MODE button

Press for less than 1 second (short pulse), indicated with MODE 1 in the following diagrams: to enter the Menu and to go to the different settings or to confirm the required option.

Press for more than 2 seconds (long pulse), indicated with MODE 2 in the following diagrams: to confirm the required option and go back to the standard screen.

D - TRIP button

Press for less than 1 second (short pulse), indicated with TRIP 1 in the following diagrams: to scroll TRIP display screens.

Press for more than 2 seconds (long pulse), indicated with TRIP 2 in the following diagrams: to reset the Trip computer and start a new trip.

IMPORTANT During setting operations, characters that flash can either be changed or confirmed.

TIME

For operation and instructions on how to set the time, see the “Time” paragraph in this section.

KILOMETRE COUNTER

You can display the kilometre counter or the trip meter.

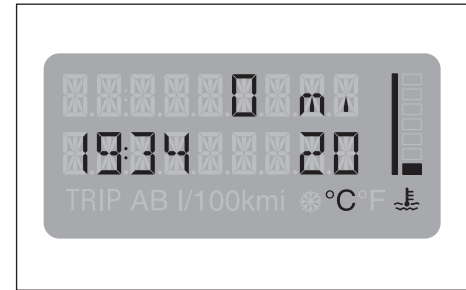
Turn the ignition key to MAR. The total kilometre counter will appear on the display.

The kilometre counter or the trip meter will appear for 10 seconds on the display when a door is either opened or closed and the key is removed. After this time the indication will disappear and the clock will be shown again.

Press the TRIP button (TRIP 1 mode, for less than one second) to switch to the trip meter.

Press the TRIP button (TRIP 2 mode, for longer than 2 seconds) to reset the trip meter.

Press either the TRIP button (TRIP 1 mode, for less than one second) or the MODE button (MODE 1 mode) to return to the kilometre counter.



F0E0443g



F0E0446g

RICONFIGURABLE MULTIFUNCTION DISPLAY

The configurable multifunction display shows useful information necessary when driving and a Menu to be used for the following settings:

- TIME;
- KILOMETRE COUNTER;
- OUTSIDE TEMPERATURE (If the car is fitted with climate control with automatic temperature control, the kilometre counter on the instrument panel, which in standard version displays the total km and the digital clock, will also display the outside temperature);
- VEHICLE INFORMATION:
 - Trip computer;
 - Instrument panel and display dimmer;
 - Failure messages, when the respective warning light appears on the instrument panel;
 - Event messages.

Configurable multifunction display menu

TRIP B: to switch the respective function on and off (ON/OFF).

TIME: to set the time (hours and minutes).

DAYL. SAV.: to switch daylight saving time on and off.

CLOCKMODE 12/24: to select the clock mode, 12 hour or 24 hour.

LANGUAGE: to set the language of the messages on the display.

UNIT: to select the following units of measure: km, mi, °C, °F, km/l, l/100km, mpg, km/h, mph.

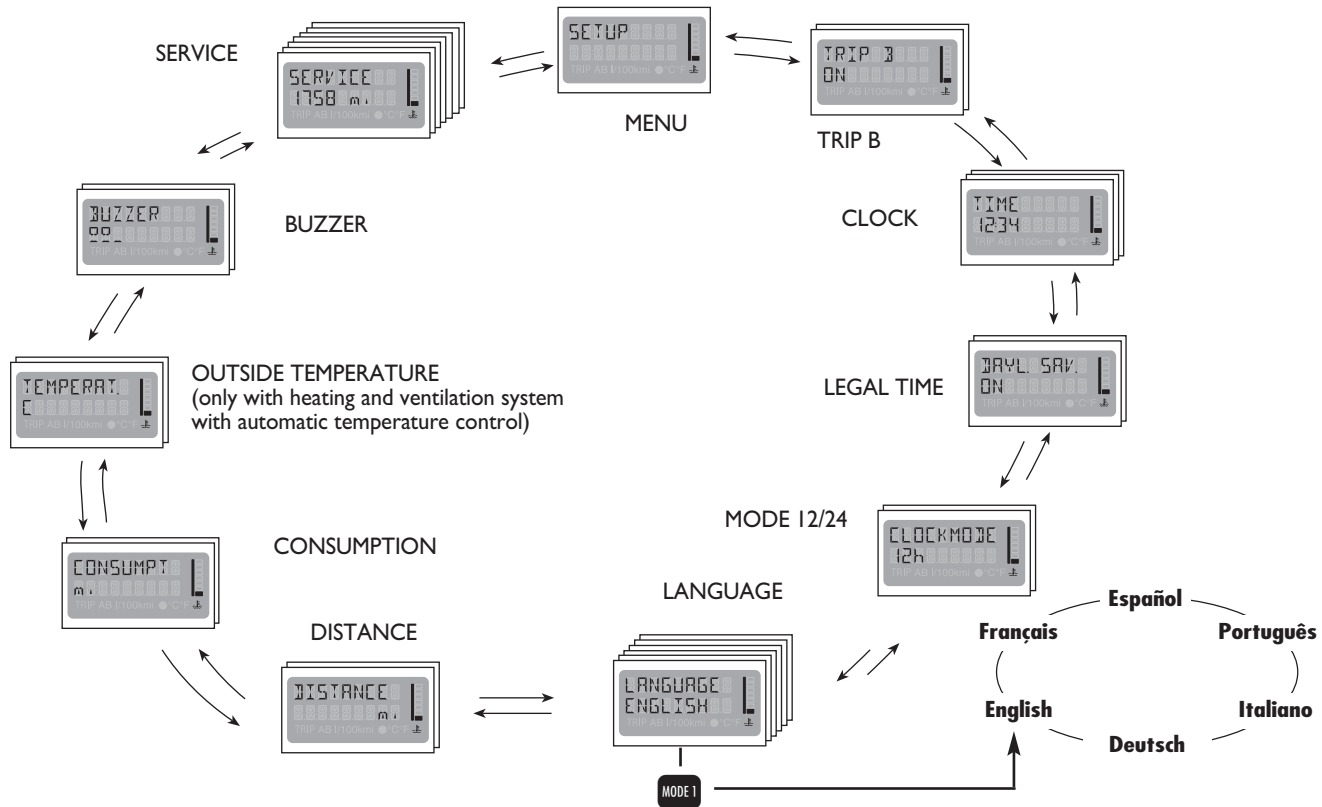
BUZZER: to adjust the buzzer volume.

SERVICE: to display information concerning correct car maintenance operations, strictly following the Service Schedule.

MENU OFF: to quit the menu.

DESCRIPTION OF THE MENU

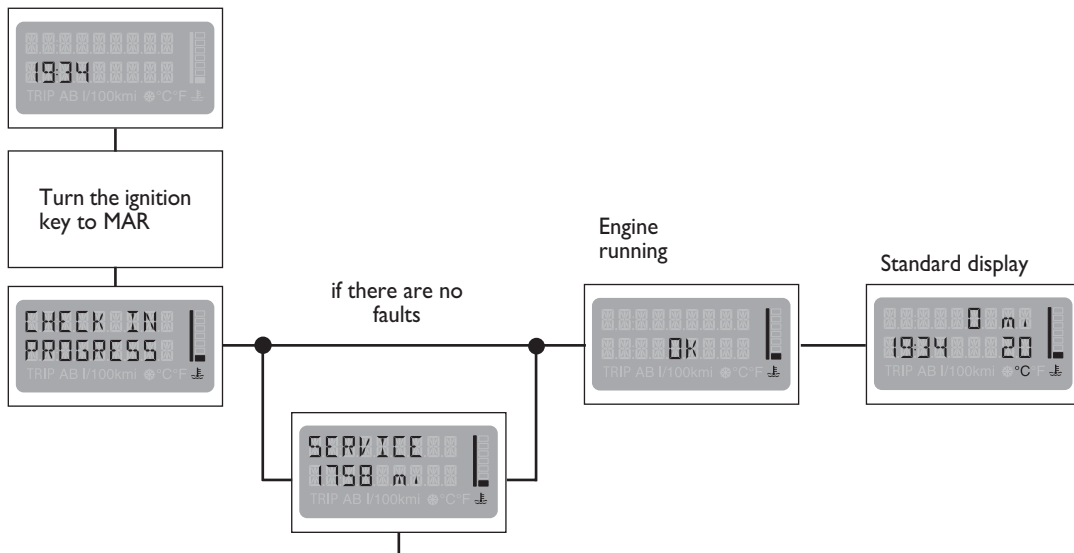
The menu consists of a set of functions arranged in a circular fashion. Buttons **+** and **-** can be used to select the functions and settings (for example “Language” in the diagram below). For more details, see “Accessing the main menu” in this section.



INITIAL TEST

Turn the ignition key to MAR. The message CHECK IN PROGRESS will appear on the configurable multifunction display. This means that the electronic systems aboard the car are being checked. The test will last for approximately four seconds. If no faults are found, the message OK will appear on the display after the engine has been started.

IMPORTANT If a failure message appears on the configurable multifunction display, see “Warning lights and messages” in this section.



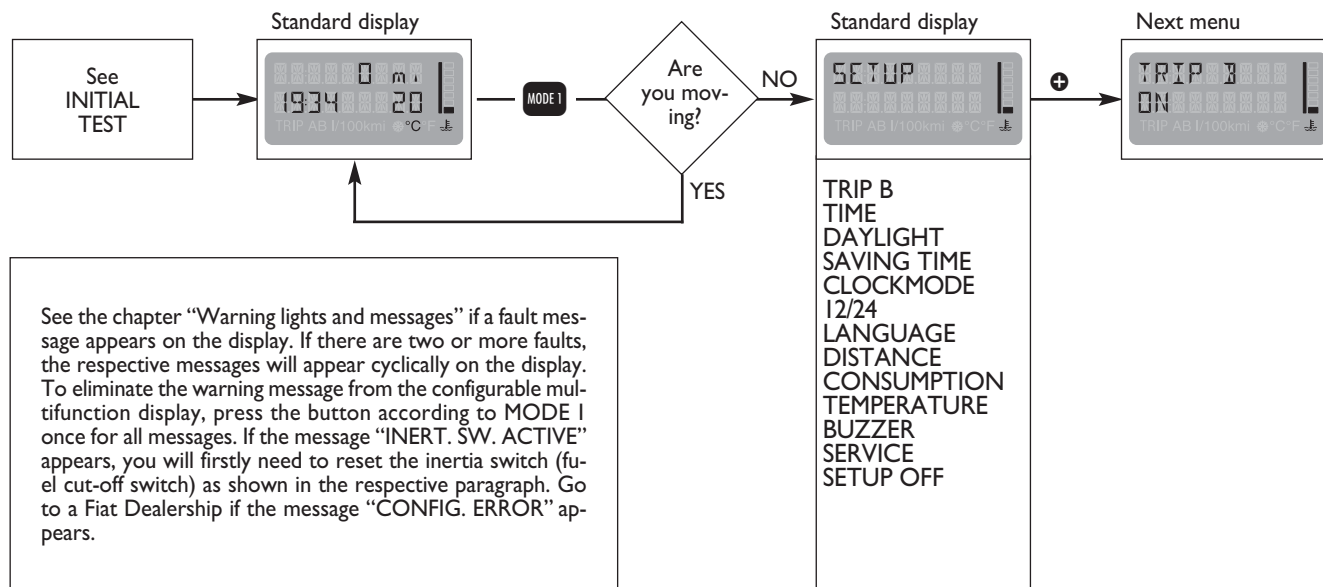
The Service Schedule establishes the interventions to be carried out every 20,000 km. This message will appear automatically when the key is turned to MAR when a distance of 2,000 km (or miles) before the service deadline is reached. The message is then represented every 200 km until there are 200 km left to the deadline after which the message is represented every 100 km, 50 km, etc... The data can only be reset by a Fiat Dealership.

ACCESSING THE MAIN MENU

The main menu can be opened from the standard display when the car is stationary. Press the button according to MODE I.

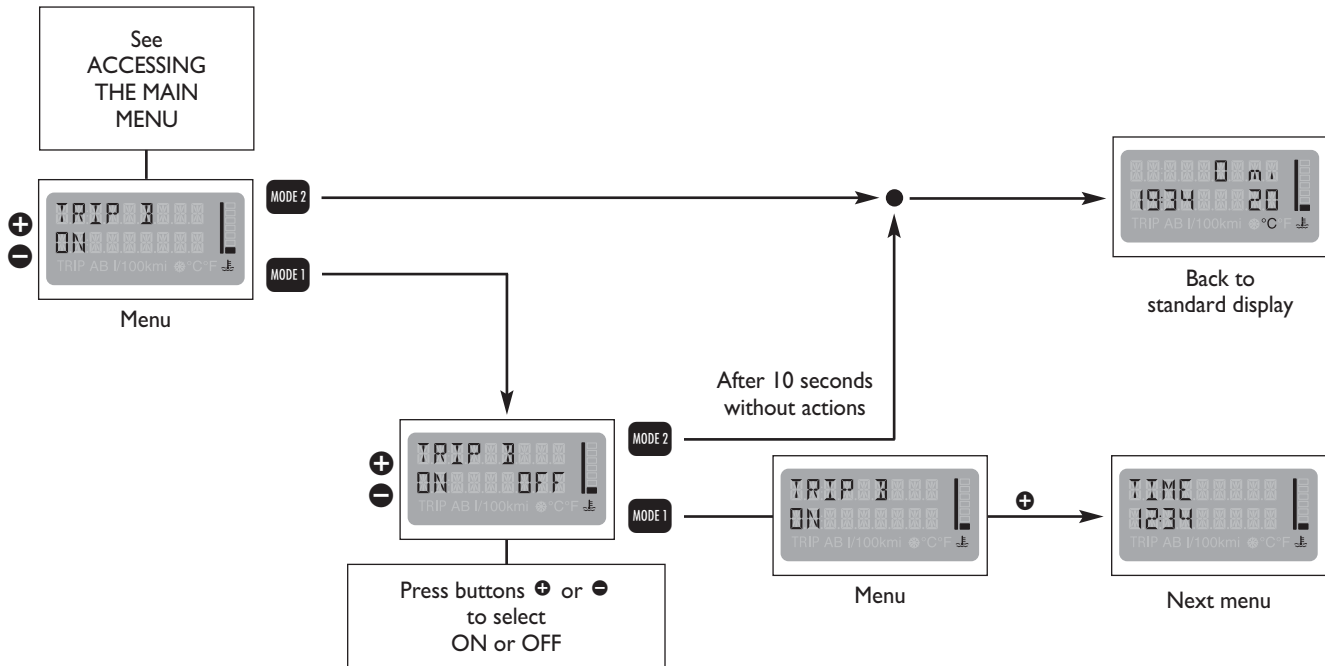
Use buttons \oplus and \ominus to navigate.

Either the standard display or the menu which was open before the button was pressed according to MODE I will reappear after a waiting time longer than 10 seconds (no operation for ten seconds). All settings which have not been stored will be lost. Settings confirmed by MODE I will be stored.



Trip B (ON/OFF)

This option is used to switch the trip b function (trip meter) on and off. This function shows quantities related to average consumption b, average speed b, trip time b, and distance driven B during a “partial mission” within the “general mission”. For additional information see “Trip A - Trip B” in this section.



TIME

To set time (hours - minutes) proceed as follows:

turn the ignition key to MAR to access the multifunction display main menu. Press the MODE button (MODE I, for less than one second) and repeatedly press button **+** to access the TIME menu.

Setting time

Press the MODE button (MODE I), hours will flash.

Set the required time by pressing button **+** or **-**.

Press the button one to increase by one unit at a time.

Hold the button pressed to increase or decrease the time fastly.

When the required time approaches, release the control and complete the setting by pressing the button once at a time.

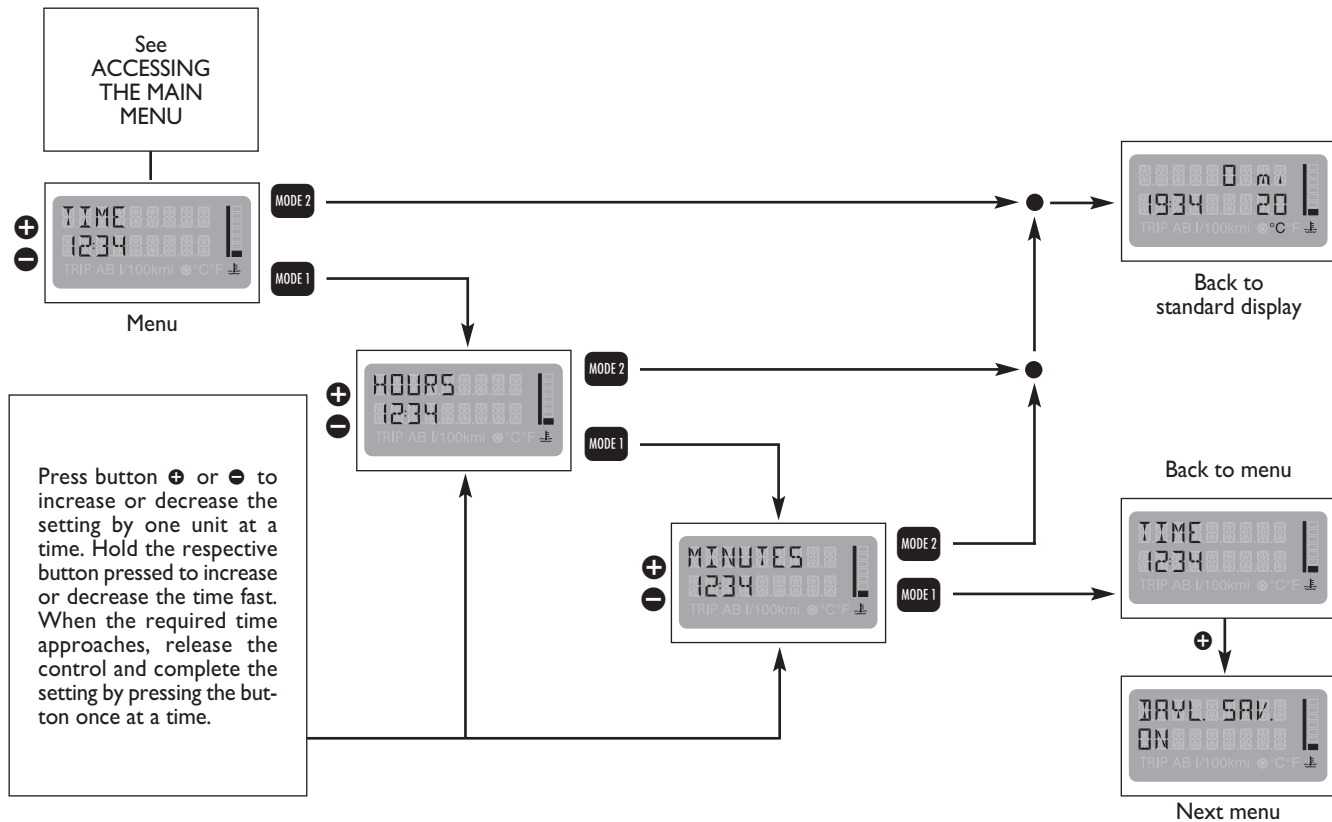
- Press the MODE button (for longer than 2 seconds) when in MODE 2 to store data and to go back to the standard screen (exit the Menu).
- Press the MODE button (for less than one second) when in MODE 1 to store the set time and adjust the minutes; minutes will start flashing after pressing the MODE button (MODE 1). Press button **+** or **-** to set the minutes.

Press the button one to increase by one unit at a time.

Hold the button pressed to increase or decrease the time fastly.

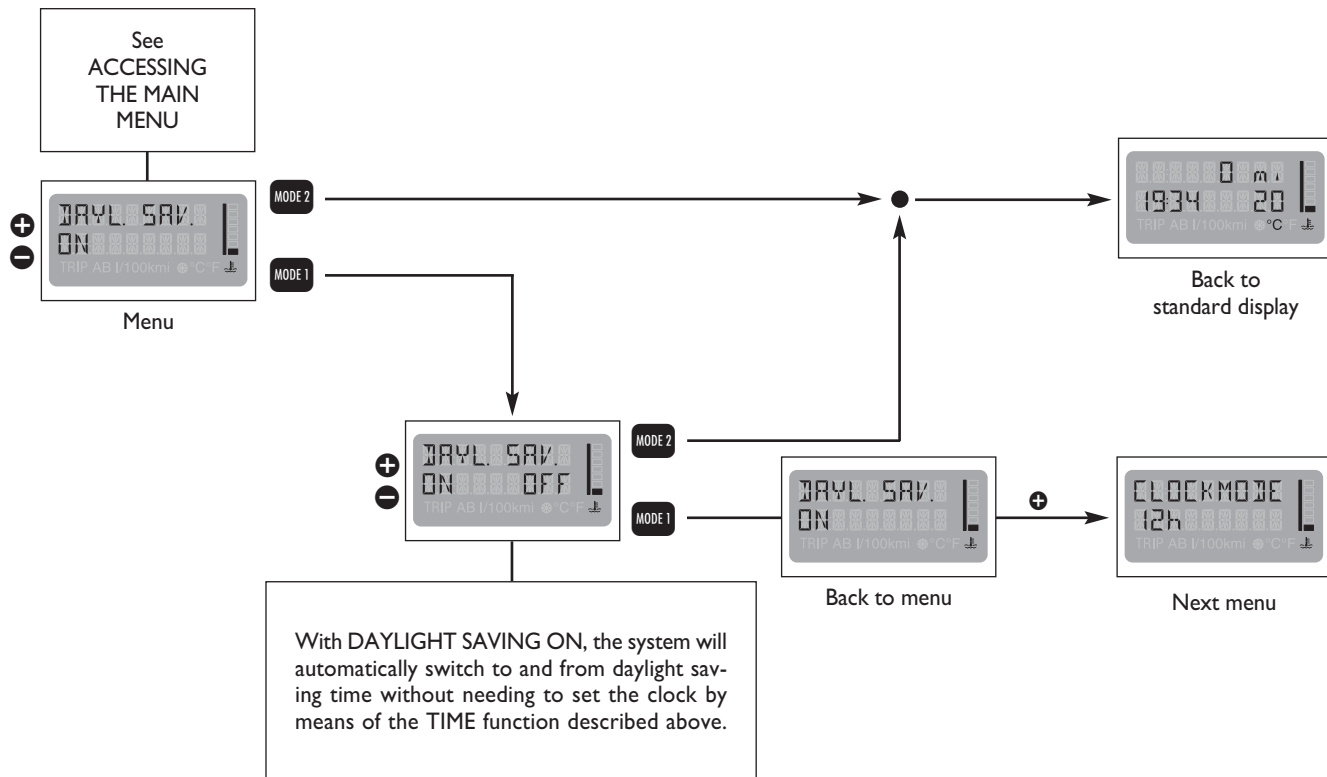
When the required time approaches, release the control and complete the setting by pressing the button once at a time.

- a) Press the MODE button (for longer than 2 seconds) when in MODE 2 to store data and to go back to the standard screen (exit the Menu).
- b) Press the MODE button (for less than one second) when in MODE 1 to store the set time and minutes. Press **+** to surf the menu.



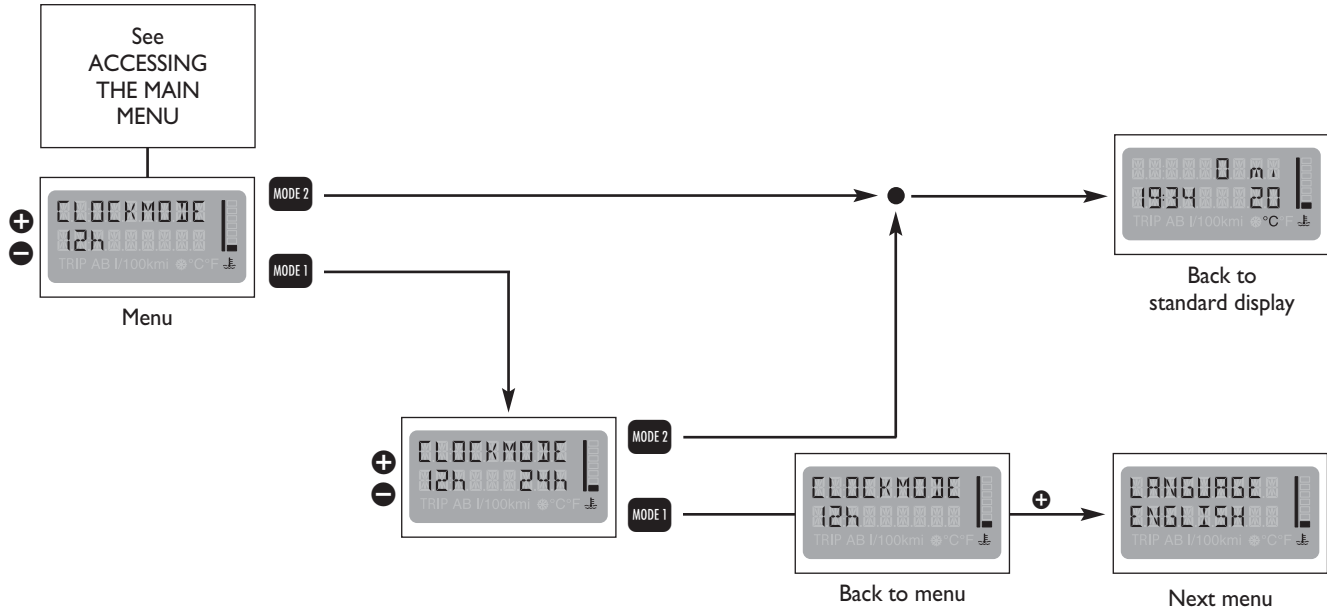
DAYLIGHT SAVING TIME

Proceed as follows to switch the daylight saving time function (which corresponds to + 1 hour with respect to normal winter time) on and off:



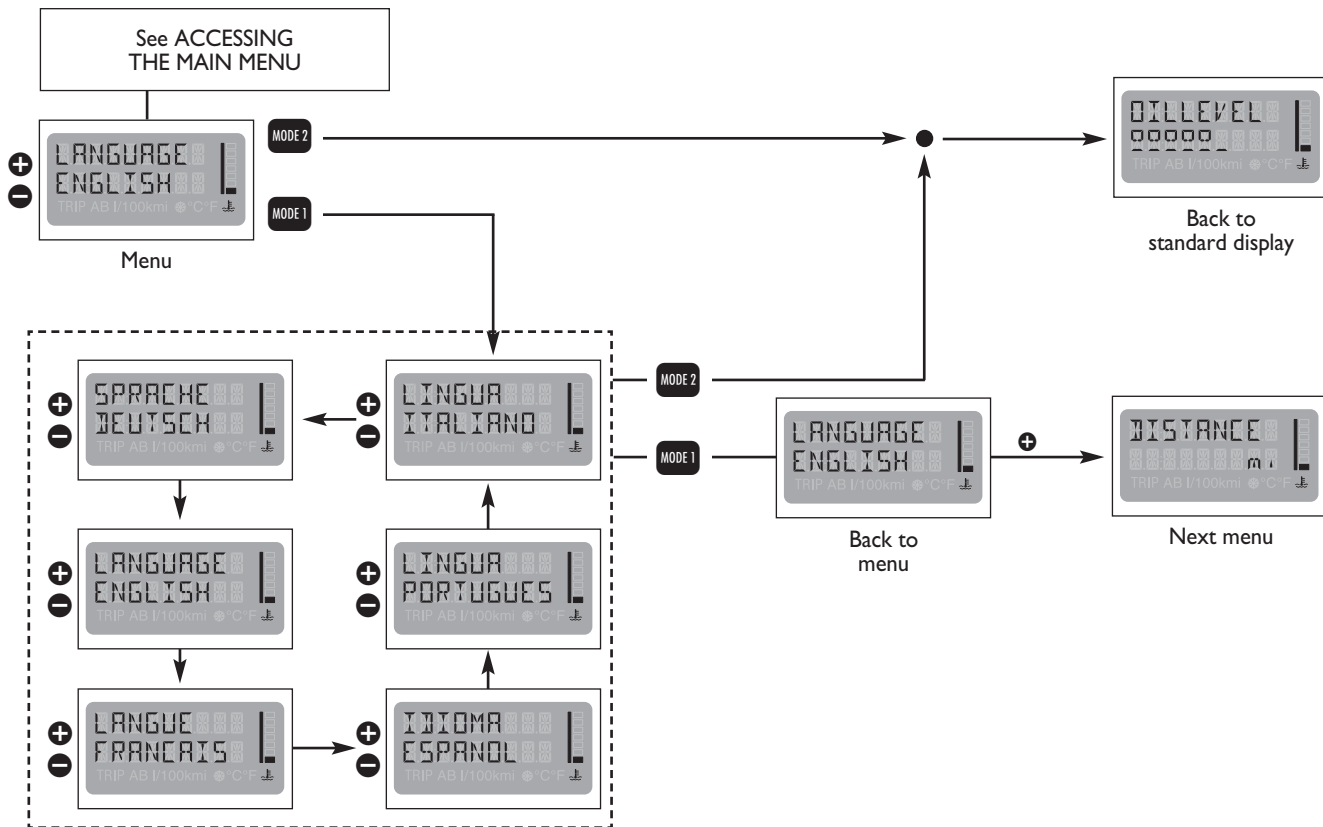
CLOCKMODE 12/24

This function is used to display the time by a 12 hour or 24 hour clock. Proceed as follows to make the setting:



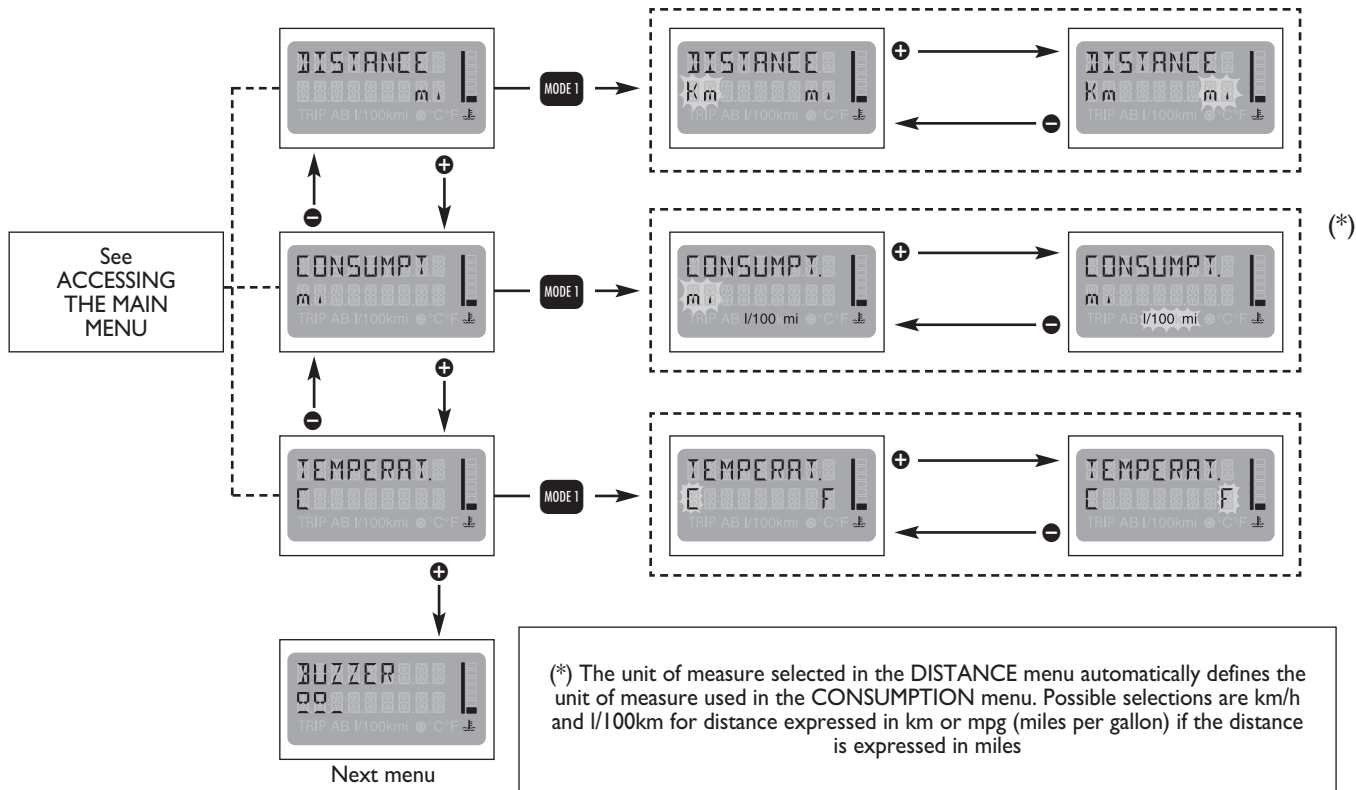
LANGUAGE

Proceed as follows to select the required language for messages and warnings:



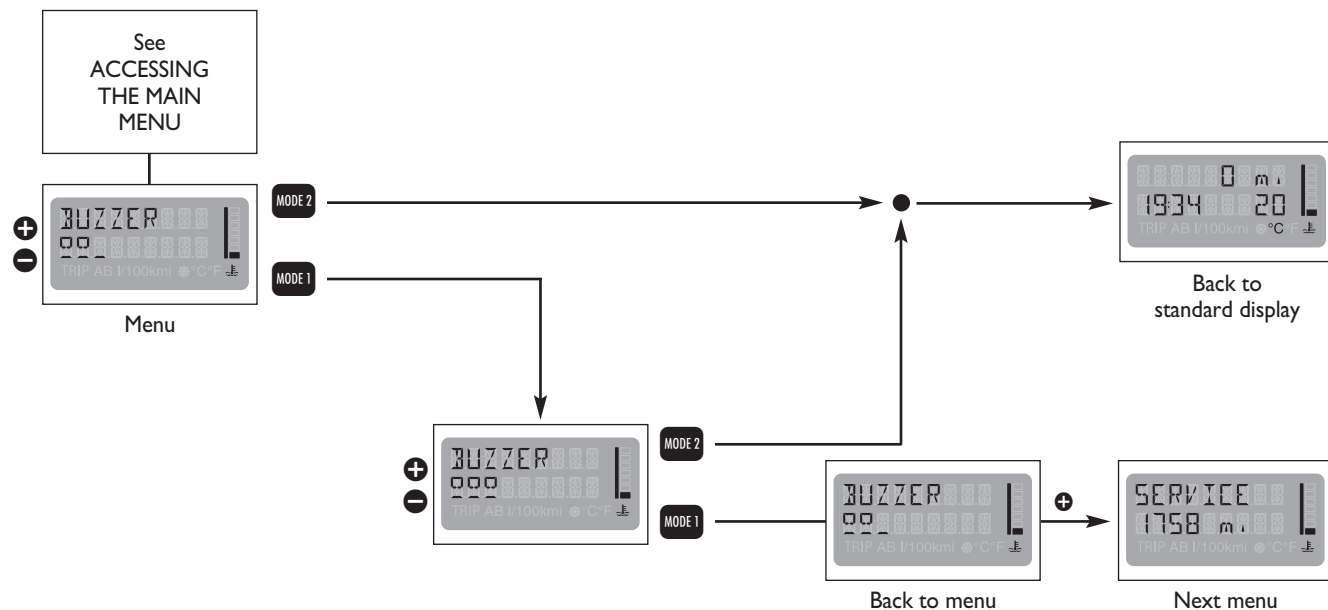
UNIT

The display will show information according to set unit. Proceed as follows to select the required units:



BUZZER

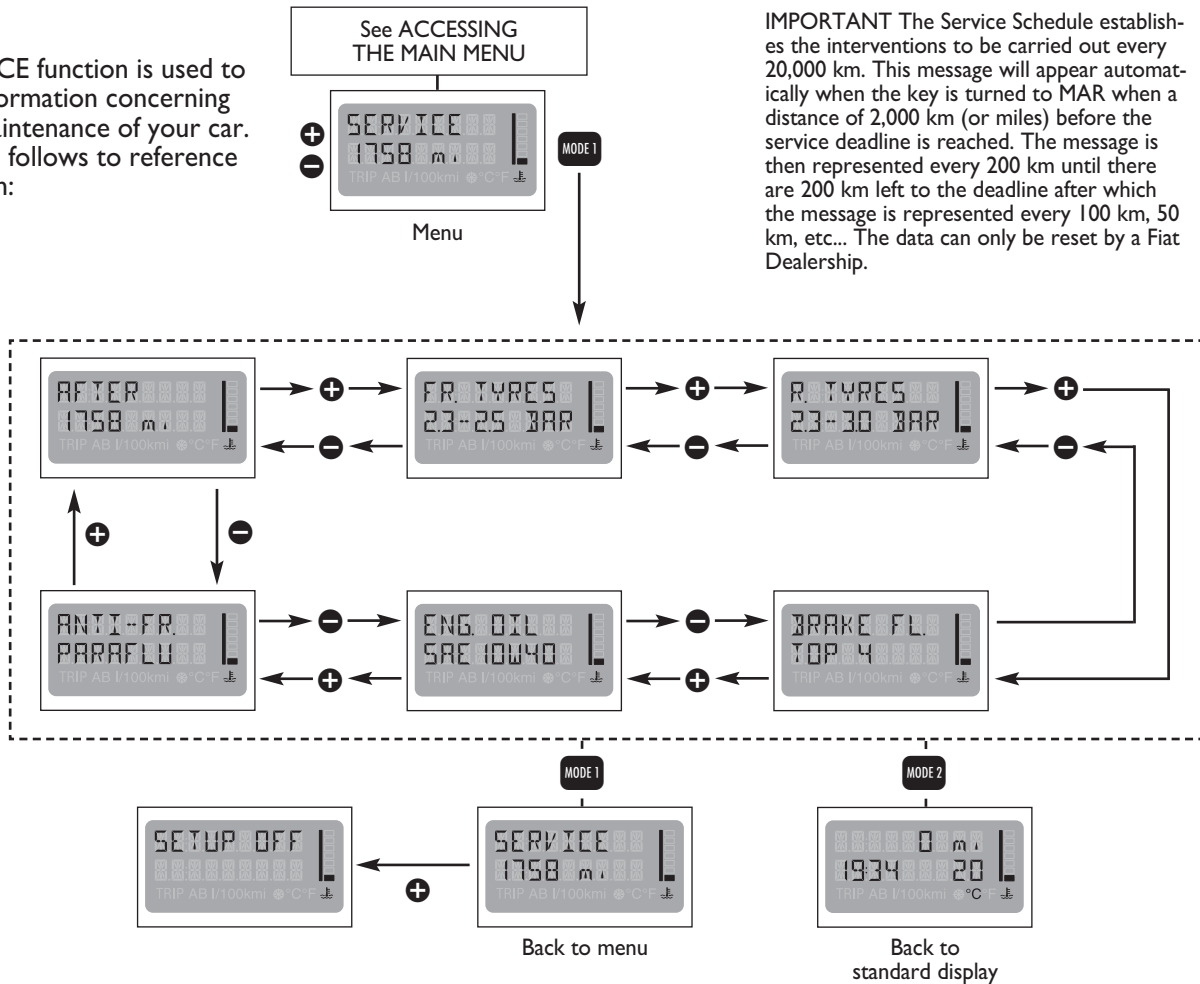
The volume of the buzzer which accompanies the controls and the failure warnings can be adjusted on a predefined scale by means of buttons \oplus and/or \ominus . Proceed as follows to mute the buzzer (OFF) or adjust the volume:



IMPORTANT The buzzer will sound to warn about a failure also if it is switched off.

SERVICE

The SERVICE function is used to acquire information concerning correct maintenance of your car. Proceed as follows to reference information:

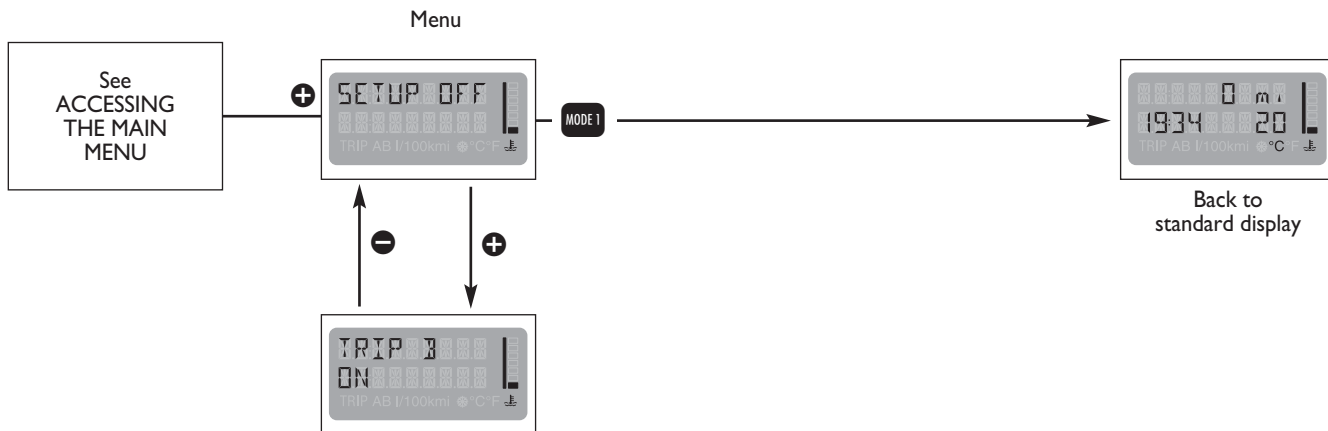


IMPORTANT The Service Schedule establishes the interventions to be carried out every 20,000 km. This message will appear automatically when the key is turned to MAR when a distance of 2,000 km (or miles) before the service deadline is reached. The message is then represented every 200 km until there are 200 km left to the deadline after which the message is represented every 100 km, 50 km, etc... The data can only be reset by a Fiat Dealership.

- DASHBOARD AND CONTROLS
- SAFETY DEVICES
- CORRECT USE OF THE CAR
- WARNING LIGHTS AND MESSAGES
- IN AN EMERGENCY
- CAR MAINTENANCE
- TECHNICAL SPECIFICATIONS
- INDEX

SETUP OFF

This is the last function of the cycle arranged in circular order (see initial menu).

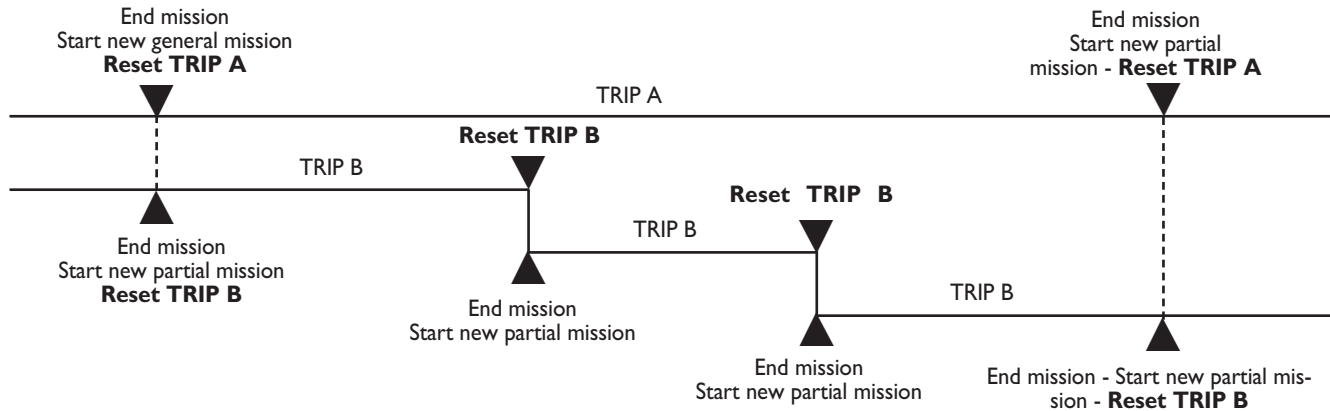


TRIP A (GENERAL) - TRIP B (PARTIAL)

The TRIP COMPUTER function shows the quantities related to car operation on the configurable multifunction display. This function consists of TRIP A (general) related to the total mission of the car and TRIP B (partial) which relates to the partial mission of the car. The latter function is part of the total mission (as shown in the following graph). Both functions can be reset. TRIP A is used to display information concerning consumption (average consumption), range, average speed, travel time (the time for which the car has been driven) and distance travelled. TRIP B is used to display consumption B (average consumption), average speed B, travel time B (the time for which the car has been driven) and distance travelled B

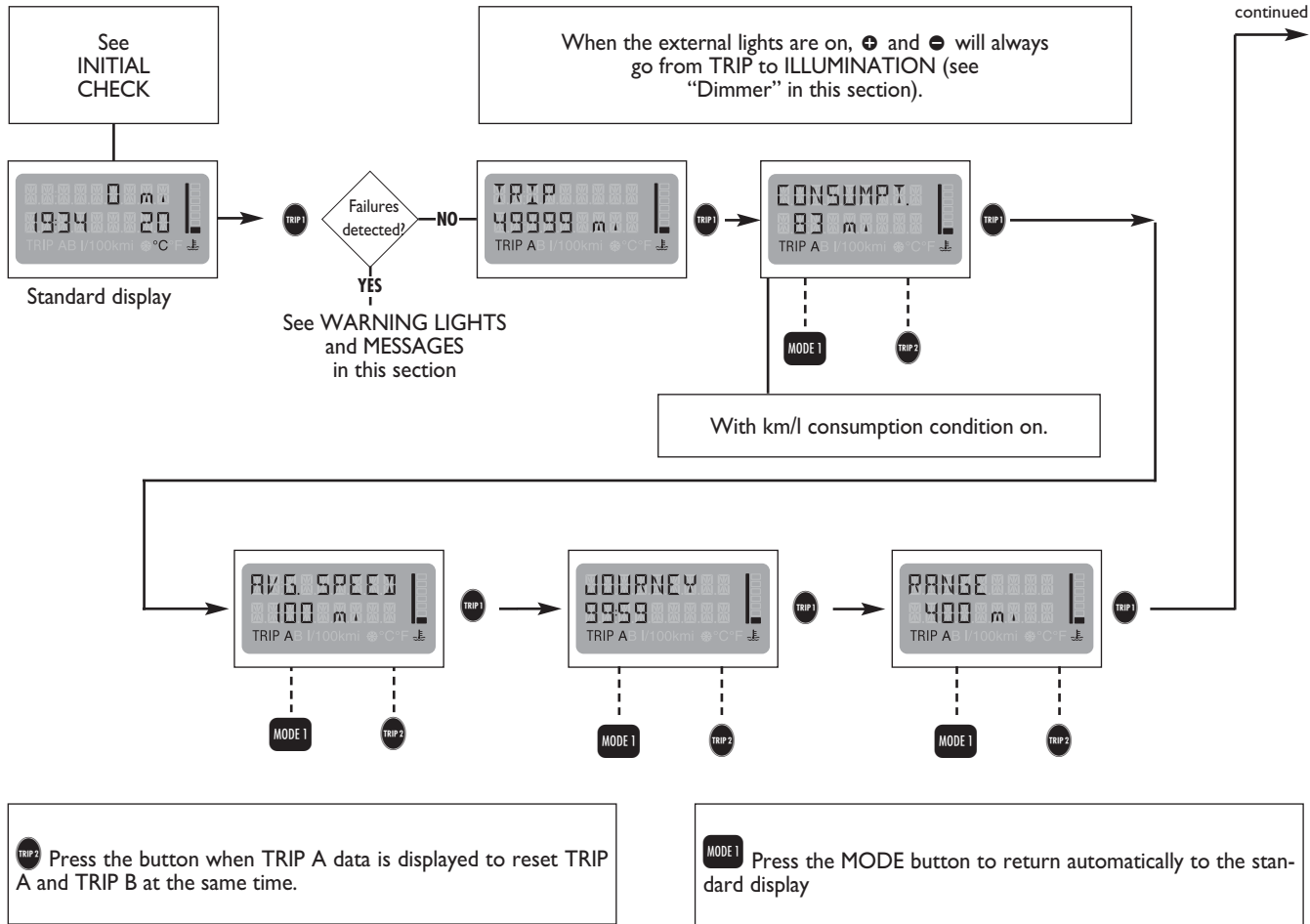
Start of trip procedure (reset)

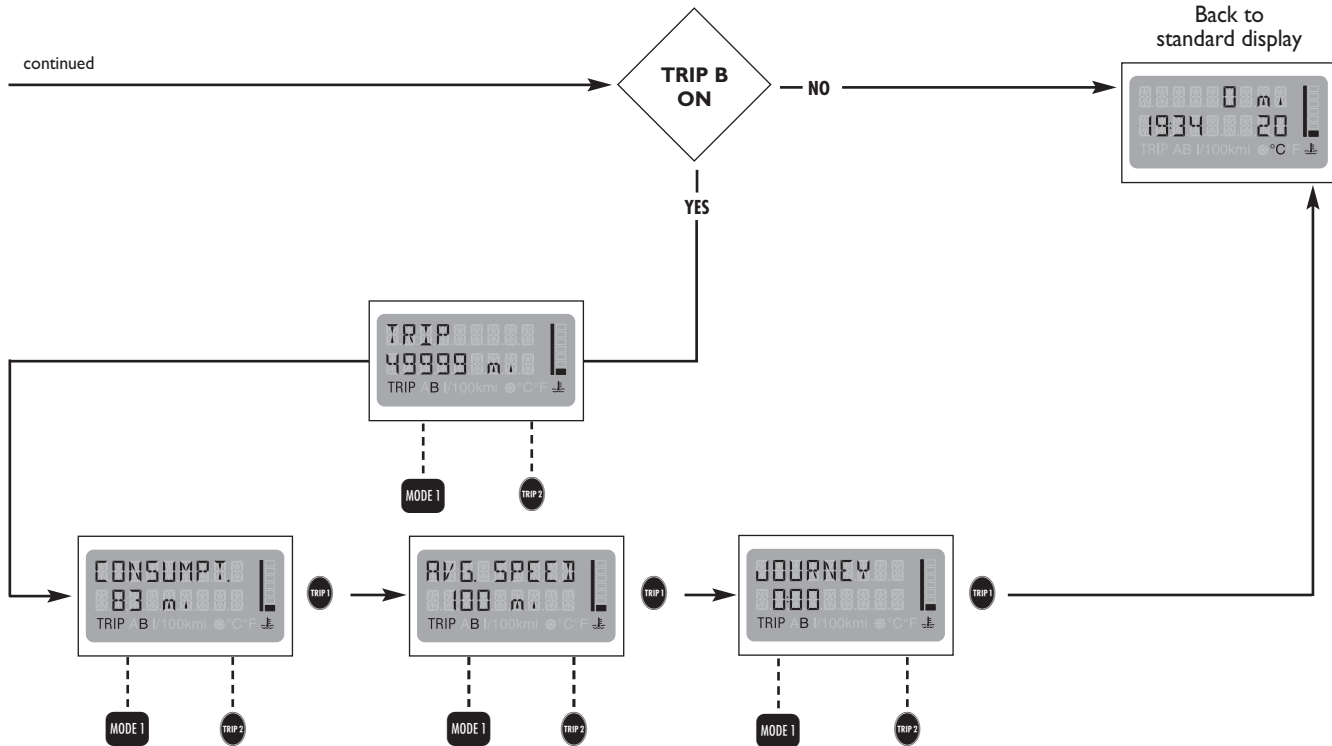
To start a new trip under TRIP A, with the key at MAR, press the TRIP button in TRIP I (see “Control buttons”).



The reset procedure (pressing the TRIP button - TRIP 2, see “Control buttons” in this section) in TRIP A menu will also reset TRIP B. The reset procedure (pressing the TRIP button - TRIP 2) in TRIP B menu will only reset the values related to this specific function.

IMPORTANT The range value cannot be reset.





When the external lights are on, **+** and **-** will always go from TRIP to ILLUMINATION see “Dimmer” in this section

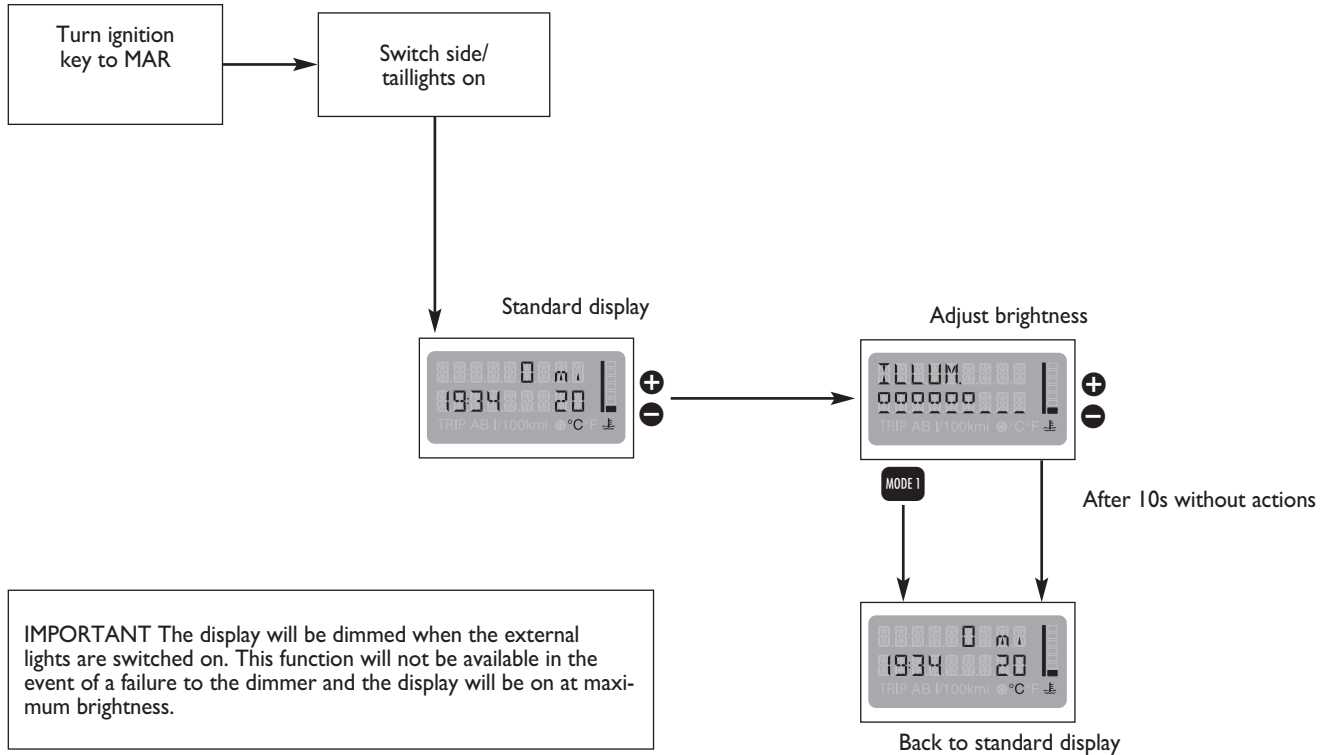
TRIP 2 Press the button when TRIP B data is displayed to reset TRIP B only.

MODE 1 Press the MODE button to automatically return to the standard display

- DASHBOARD AND CONTROLS
- SAFETY DEVICES
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DIMMER

This function is used to adjust (increase/decrease) the brightness of the instrument panel and of the display.



SEATS

FRONT SEATS

Moving the seat backwards or forwards (where provided)

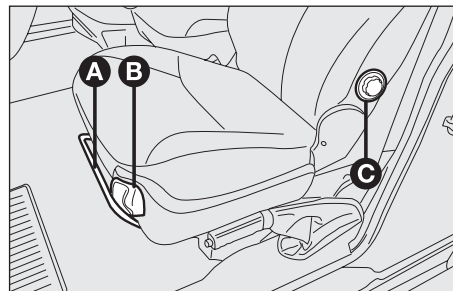
Lift the lever (A) (on seat internal side) and push the seat forwards or backwards: in the driving position the arms should rest on the rim of the steering wheel.

Driver's seat lumbar adjustment (where provided)

This gives better support to your back. To adjust, turn the knob (C).

Adjustment and lowering of seat back

Lift the lever (B) and adjust the slope of the seat back.



F0E0629m



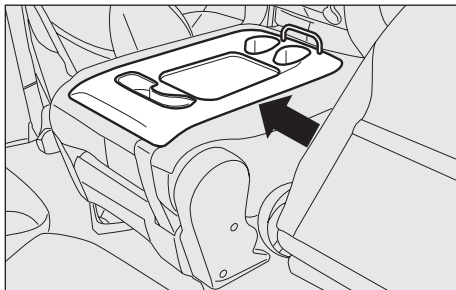
WARNING

Only make adjustments when the car is stationary.



WARNING

Once you have released the lever, check that the seat is firmly locked in the runners by trying to move it back and forth. Failure to lock the seat in place could result in the seat moving suddenly and the driver losing control of the car.

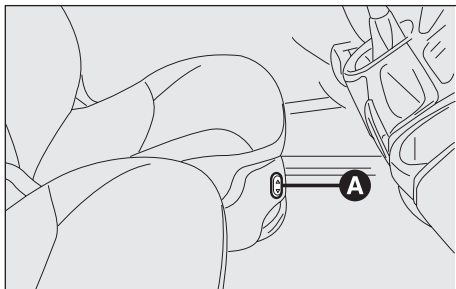


FOE0012m

The same lever can be used to lower it, on the rear of the centre seat back there is a rigid surface that acts as an armrest and table with glass holders.

Use the same lever to return the seat back to its original position.

When lowering the centre seat back make sure that the seat is pushed back as far as it will go and that the head restraint is lowered.



FOE0013m

Driver's seat electrical height adjustment (where provided)

This can only be adjusted with the ignition key at MAR.

Use button (A) to adjust the seat height.

REAR SEATS

Adjustment and lowering of seat back

Lift the lever (B) and adjust the slope of the seat back. To lower use the same lever.

The back of the centre rear seat back has a rigid surface that can be used as a table with glass holders.

Centre sliding seat (where provided)

Lift the lever (A) and push the seat forwards or backwards. After releasing the lever, make sure the seat is correctly locked on the runners.

Moving the seats

To increase the boot load capacity the seats have two positions (three for the centre seat).

To move the seats forward from the standard position, use the special anchorages on the floor.

To set the centre seat in the most forward position (maximum load position), bring the centre front seat fully forward and tip the seatback over.

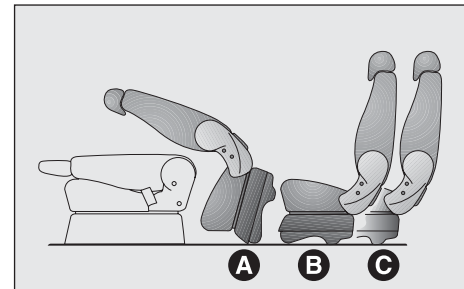
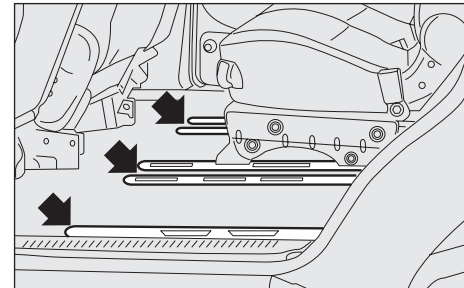
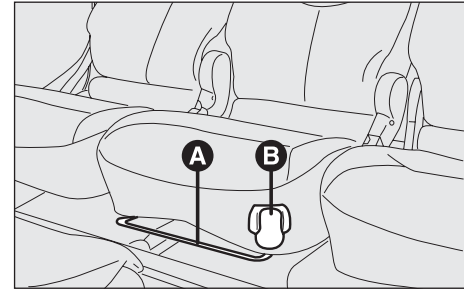
At this point, refit the rear seat, positioning the seat back as shown in the figure in its most forward position.

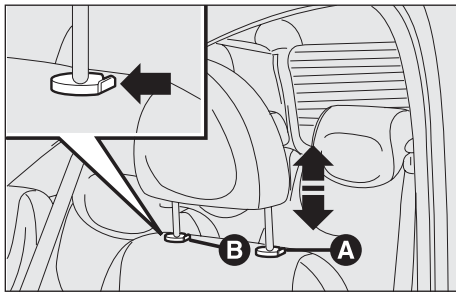
The central seat can be moved backwards by 100 mm.

A - all forward position

B - standard position

C - all backward position





HEAD RESTRAINTS

FRONT SEATS

To improve passenger safety, the height of the head restraints can be adjusted. They will automatically lock in the position required.

To raise grip it at the base and pull upwards.

To lower press it downwards from above, keeping button (A) pressed.

When you release the button, check the restraints are firmly locked in place.

REAR SEATS (where provided)

Only the rear seat head restraints can be removed.

To remove the head restraints:

1 - lift to the first notch

2 - press the two buttons (A) and (B) and remove the head restraints.

The special head restraint configuration interferes intentionally with the rear passenger back correct positioning in order to oblige the passenger to raise the head restraint for its proper use.



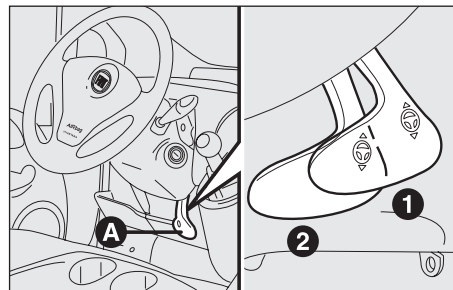
WARNING

Remember that head restraints should be adjusted to support your head and not your neck. Only if they are in this position will they be able to provide effective protection in the event of a rear-end shunt.

STEERING WHEEL

It can be adjusted vertically.

- 1) Move lever (A) to position 1.
- 2) Adjust the steering wheel position.
- 3) Return the lever to position 2 to lock the wheel in place again.



F0E0735m



WARNING

All adjustments must be made when the car is stationary.

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

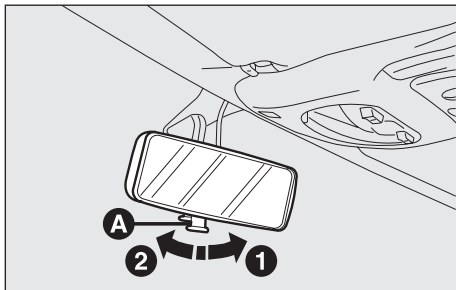
WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

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INDEX



FOE0019m

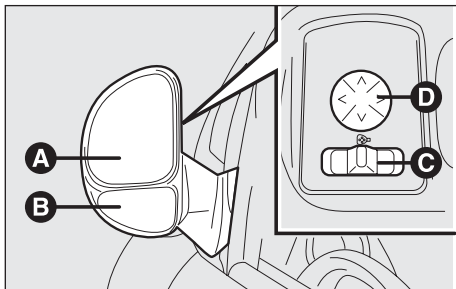
REARVIEW MIRRORS

DRIVING MIRROR

This mirror is adjustable. Move lever (A) to shift the mirror to the following positions:

- 1) standard position;
- 2) anti-dazzle position.

The mirror is also fitted with a safety device that releases the mirror in the event of a collision.



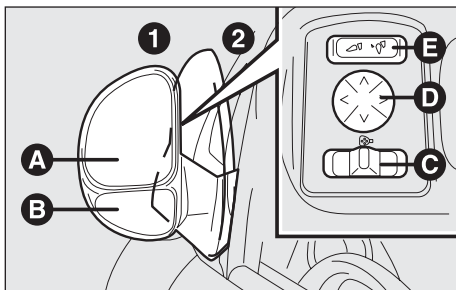
FOE0020m

DOOR MIRRORS

These are divided into two sections.

- A - upper mirror that can be adjusted from inside the car;
- B - lower mirror that cannot be adjusted.

The fixed part of the left-hand mirror is panoramic, to cover any blind spots on the left side of the car.



FOE0021m

The fixed part of the right-hand mirror reflects the rear right wheel when parking.

This can only be adjusted with the ignition key at MAR.

Use switch (C) to select the mirror (left, neutral, right) for adjustment.

Press any of the four directions on switch (D) located on the ceiling light.

Switch (E) electrically controls the movement of the folding mirrors from position 1 to position 2.

Electrically folding mirrors have a demisting device that comes on automatically when rear window heating is turned on.

The mirrors can tilt in both directions in the event of a collision.

To reset the mirror in the correct position, first set it in the fully closed position by keeping the control pressed until the mirror stops, then open it.

If the mirror is moved out of its position manually, it is possible to set it back to the correct position manually, although it is preferable to move it electrically. If the mirror is moved out of its position electrically, it is **COMPULSORY** to set it back electrically to its correct position.

If the open mirror makes it difficult to pass through narrow gaps, fold it from position 1 to position 2.

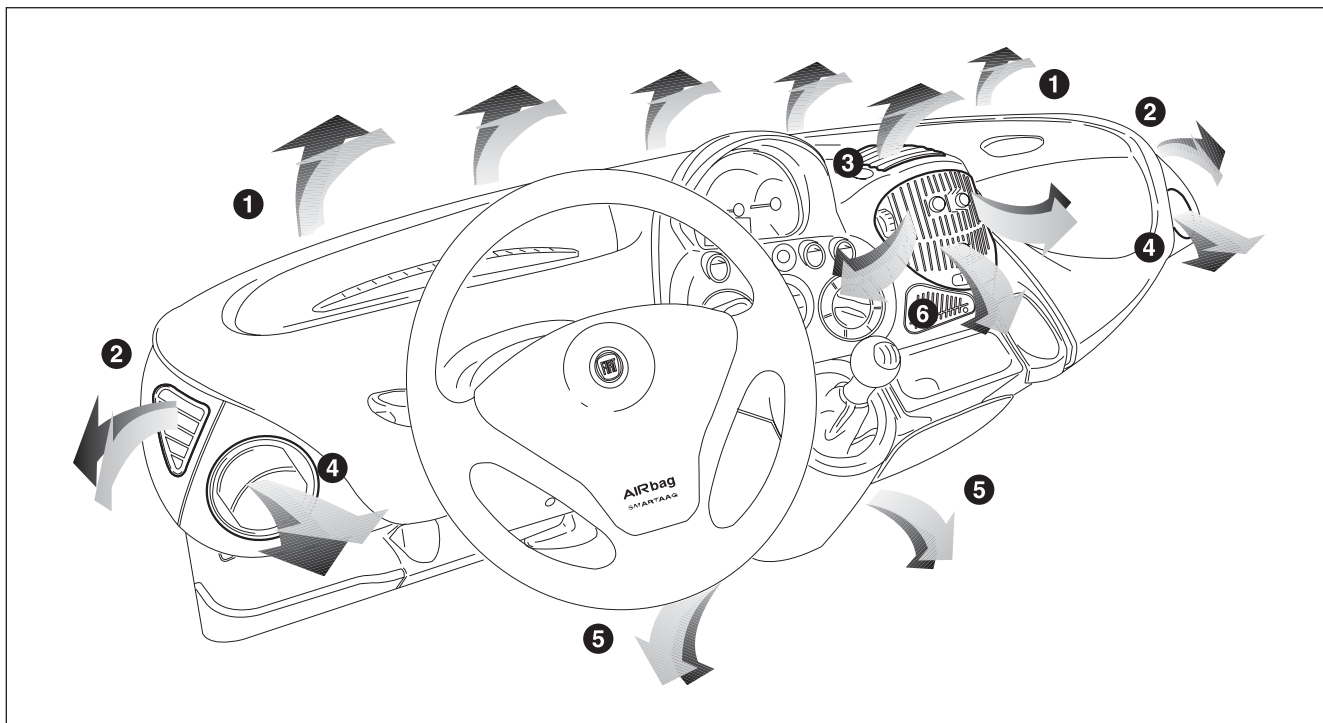


When driving the mirrors shall always be in position (1).



As the door mirrors are curved, they may slightly alter the perception of distance.

HEATING AND CLIMATE CONTROL SYSTEM

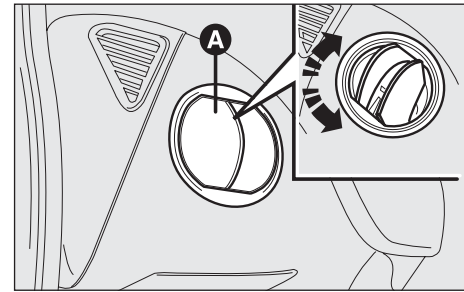


F0E0736m

1 Windscreen defrosting/demisting vents - 2 Front side window defrosting/demisting vents - 3 Upper vent to send air over the heads of the front seat passengers - 4 Directional and adjustable outlets - 5 Vents sending air to feet of front seat passengers - 6 Directional and adjustable centre vents.

DIRECTIONAL AND ADJUSTABLE OUTLETS

Use the directional control to adjust the air flow (A). Outlets can be directed by rotation.

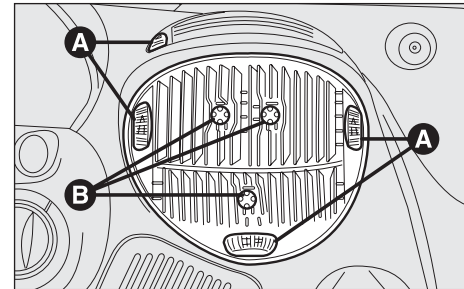


F0E0046m

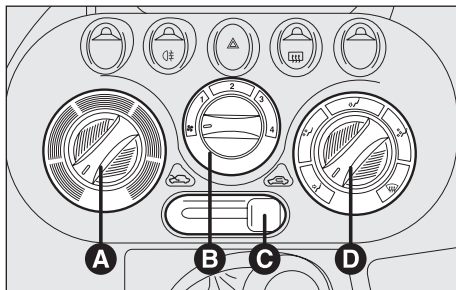
DIRECTIONAL AND ADJUSTABLE VENTS

A - Control for air flow adjustment.

B - Controls to direct the air flow.



F0E0047m




FOE0048m

HEATING AND VENTILATION

CONTROLS



- A - Air temperature knob (mixing hot and cold air).
- B - Fan knob.
- C - Slider for setting the air recirculation function. This prevents air from being taken in from outside.
- D - Air distribution knob.

HEATING

- 1) Air temperature knob: pointer on red sector.
- 2) Fan knob: pointer set at required speed.
- 3) Air distribution knob: pointer on:
 - ☑ to warm the feet and demist the windscreen at the same time;
 - ☑ to warm the feet and keep the face cool (“bilevel” function);
 - ☑ to generally warm the feet in the front and back.
- 4) Recirculation slider:
 - to rapidly heat the passenger compartment, move the recirculation slider to  to recirculate the air already in the passenger compartment.

FAST DEMISTING AND/OR DEFROSTING


Windscreen and side windows

- 1) Air temperature knob: pointer on red sector (turned fully to the right).
- 2) Fan knob: pointer at maximum speed.
- 3) Air distribution knob: pointer at .
- 4) Air recirculation slider on , outside air enters the passenger compartment.

In brief, to demist/defrost quickly, bring all the pointers on the symbol .



When the windscreen and windows have been demisted, adjust the controls to maintain the required degree of comfort and visibility.

Rear window

Press button . The electric mirror demisting device also comes on.

As soon as the rear window is clear, switch off the button.


VENTILATION

- 1) Centre and side vents: fully open.
- 2) Air temperature knob: pointer on blue sector.
- 3) Fan knob: pointer on required speed.
- 4) Air distribution knob: pointer on .
- 5) Air recirculation slider on , outside air enters the passenger compartment.

Extra heater

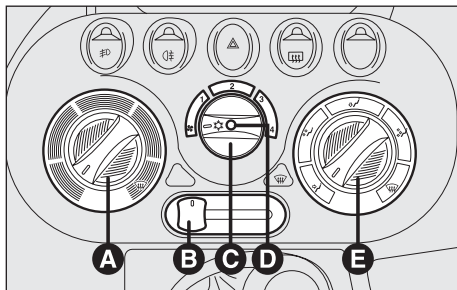
For very cold climates the diesel version can be fitted with an extra heater that is fully automatic and ensures maximum comfort inside the passenger compartment.

RECIRCULATION

With slider on  only the inside air is circulated.

IMPORTANT This function is particularly useful when the outside air is heavily polluted (in a traffic jam, tunnel, etc.) However, it is better not to use it for long periods, especially if there are several people in the car.

IMPORTANT Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting inside.






F0E0233m

MANUAL CLIMATE CONTROL SYSTEM

CONTROLS


- A - Air temperature knob (mixing hot and cold air).
- B - Switch to turn on the air recirculation, preventing outside air from entering the passenger compartment. When the light on the switch is on, the recirculation system is operating.
- C - Fan knob.
- D - On/off switch for the climate control system. Turning this switch automatically starts the fan at the 1st speed. The light on the switch comes on when the system is operating.
- E - Air distribution knob.

CLIMATE CONTROL (COOLING)

- 1) Air temperature knob: pointer on blue sector.
- 2) Fan knob: pointer at required speed.
- 3) Air distribution knob: pointer to .
- 4) Climate control: press switches  and .



To lessen cooling: turn the switch  off, increase the temperature and lower the fan speed.

IMPORTANT For fast cooling of the car:


- 1) temperature knob on blue sector;
- 2) fan knob on speed 4;
- 3) air distribution knob on .

FAST DEMISTING AND/OR DEFROSTING


Windscreen and side windows

- 1) Air temperature knob: pointer on red sector (turned fully to the right).
- 2) Fan knob: pointer at maximum speed.
- 3) Air distribution knob: pointer to .
- 4) Press the air conditioner button .
- 5) Air recirculation off (switch light off).

When the windscreen and windows have been demisted, adjust the controls to maintain the required degree of comfort and visibility.


IMPORTANT The climate control system is very useful for faster demisting because it dries the air. Adjust the controls for demisting as described above and press switch  to start the climate control (led on).

Rear window

Press button . The electric mirror demisting device also comes on.

As soon as the rear window is clear, switch the device off.

RECIRCULATION

When switch  is pressed (led on) only internal air circulates.

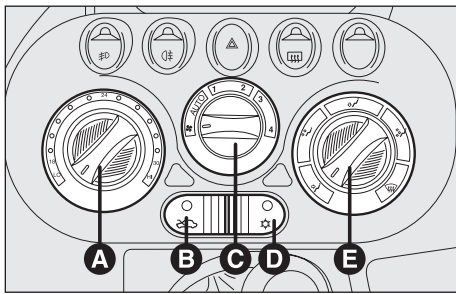
IMPORTANT When the outside temperature is very high, switching on the recirculation system will cool the air more quickly. Moreover it is very useful when the outside air is heavily polluted (in a traffic jam, tunnel, etc.). You are advised against using this facility for long periods, especially if there are many people in the car.

IMPORTANT Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting inside.

When the car is fitted with climate control, it is also fitted with pollen filter. This captures fastidious particles and dust.



The system uses R134a cooling fluid, which if accidentally spilt, does not damage the environment. Never use R12 fluid, which could damage the system components.



AUTOMATIC CLIMATE CONTROL SYSTEM

This is a passenger compartment temperature control system that automatically adjusts:

- the temperature of the air directed to the vents to reach the temperature selected with knob (A);
- continuous fan speed with knob (C) in AUTO position.

CONTROLS

- A - Knob for selecting the temperature in the passenger compartment with extreme positions for HI and LO (maximum and minimum air temperature) functions.
- B - Switch to turn on the air recirculation, preventing outside air from entering the passenger compartment. When the light on the switch is on, the recirculation system is operating.
- C - Knob to activate the fan: this can be used to select manual or automatic operation.



The system uses R134a cooling fluid, which if accidentally spilt, does not damage the environment. Never use R12 fluid, which could damage the system components.

D - Switch to turn the compressor on and off. When this switch is pressed it automatically starts the fan at the first speed if knob (C) is at p. When the compressor is on the led on the switch lights up.

E - Knob for manual air distribution selection.

If this knob is positioned to max/def, it sets the system for defrosting/demisting.

The system is fitted with a pollen filter to clean the incoming air. To replace this filter, refer to section "Service schedule"

HEATING




1) Air temperature knob: pointer to the required temperature.

2) Fan knob:


- pointer to the speed required;
- pointer to AUTO for automatic operation of the fan.

The system limits the fan speed until the fluid reaches the temperature required to prevent cool air entering the passenger compartment.

3) Air distribution knob, pointer to:

-  to warm the feet and demist the windscreen at the same time;
-  to warm the feet and keep the face cool ("bilevel" function);
-  to generally warm the feet in the front and back.

4) Recirculation switch:

to rapidly warm the passenger compartment, press the switch  (led on) to recirculate the air already in the passenger compartment.

IMPORTANT For maximum heating:

- turn knob (A) to HI;
- turn knob (C) to 4.

DEMISTING AND/OR DEFROSTING

Air distribution knob, pointer to:

-  to demist windscreen and front side windows.

FAST DEMISTING AND/OR DEFROSTING

1) Air distribution knob, pointer to MAX/DEF.


The system is set for rapid demisting/defrosting of the windscreen and side windows by activating the following functions automatically:

- max temperature
- high air flow




The system limits the fan speed until the fluid reaches the temperature required to prevent cool air entering the passenger compartment.

- air recirculation off (led off) so that outside air is directed into the passenger compartment;
- compressor on (led on);
- air distribution to windscreen.




When the windscreen and windows have been demisted/defrosted, adjust the air distribution knob to restore the required conditions.


IMPORTANT An important characteristic of the climate control system is the de-humidification of the air. We recommend that you always engage the compressor by pressing button  (led on) to prevent misting.

IMPORTANT When outside humidity is high or when it is raining or when there is a big difference in temperature between temperature inside the passenger compartment and the outside air, you can prevent the windows misting up by proceeding as follows:


- air recirculation off (led off);
- air temperature knob to HI;
- fan speed to 2nd speed at least;
- air distribution knob to  with possibility of changing to  if the windows do not begin to steam up;
- engage the compressor by pressing switch  (led on).

COOLING

- 1) Central air vents and side vents fully open.
- 2) Air temperature knob to the required temperature.
- 3) Fan knob:
 - pointer to the required speed;
 - pointer to auto, for automatic operation of the fan.
- 4) Air distribution knob: pointer on .
- 5) Compressor switch  pressed (led on).
- 6) Recirculation switch  pressed (led on) to speed up cooling.

To moderate cooling: turn switch  off, select a higher temperature and reduce fan speed.

RECIRCULATION

When switch  is pressed (led on) only internal air circulates.

IMPORTANT When the outside temperature is very high, switching on the recirculation system will cool the air more quickly. Moreover it is very useful when the outside air is heavily polluted (in a traffic jam, tunnel, etc.). You are advised against using this facility for long periods, especially if there are many people in the car.

IMPORTANT Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting inside.

If there is a fault








If an anomaly affecting the automatic system is detected the words “AIR-COND FAULTY” will be displayed.

The automatic system will continue to work for as long as possible.

If the fault involves the fan control (C) and the fan still works, it will automatically operate at 1st speed.

If the fault involves an air temperature sensor, the required air temperature control (A) will work as a manual air temperature mixing control.

Climate control functions in automatic mode

Action performed by the user	Signal to user	Automatically enabled function	Reason
Car start-up (key to MAR)	Button  led on	Compressor on if the required temperature is lower than or the same as that outside	To reach the required temperature as soon as possible after you get into the car
Required temperature variation	Button  led on	Compressor on if the required temperature is lower than or the same as that outside	To reach the new temperature required as quickly as possible
Recirculation  on	Buttons  and  led on	Compressor on	To prevent the entry of harmful gas; to prevent the windows steaming up; to speed up air cooling
MAX/DEF function on	Button  led on Button  led off	Compressor on - Maximum air flow/temperature - Air recirculation off - Air distribution to windows	Fast window demisting/defrosting

EXTERNAL LIGHTS




LEFT-HAND STALK

This stalk groups together the external lights and the direction indicators.

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

When the external lights are turned on: the instrument panel and the symbols of the various controls located on the dashboard will turn on.


Side and taillights

These come on when you turn the knurled switch from  to . Instrument panel indicator light  comes on.

Dipped beams

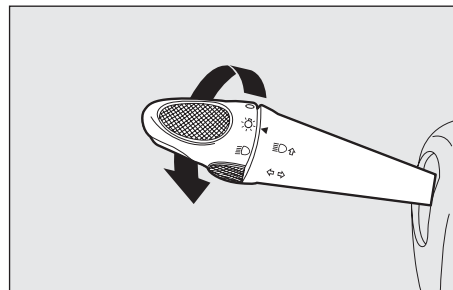
These come on when you turn the knurled switch from  to .

Main beams

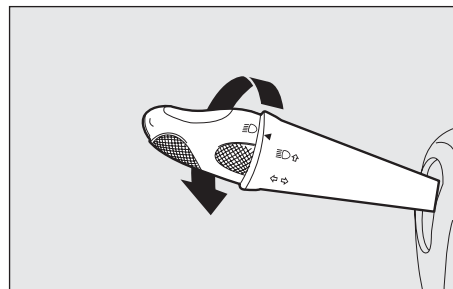
These come on when, with knurled knob at , you push the stalk forward towards the dashboard.

Instrument panel indicator  comes on.

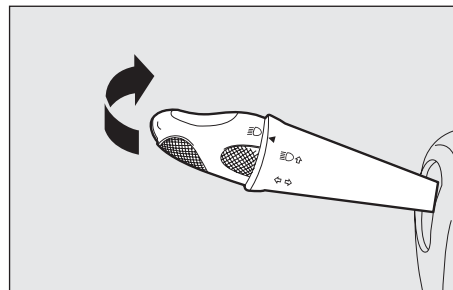
To switch them off, pull the stalk towards the steering wheel.



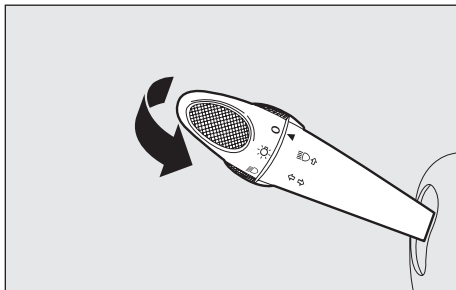
F0E0051m



F0E0052m



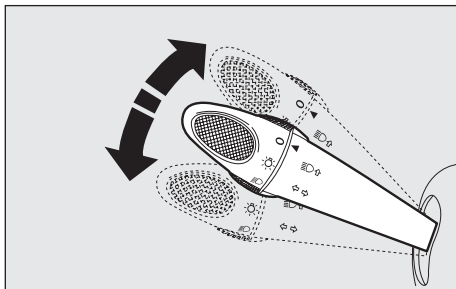
F0E0053m



FOE0054m

To flash the lights

Pull the stalk towards the steering wheel (unstable position).



FOE0055m

Direction indicators

Move the stalk:

up - to switch on the right-hand direction indicator

down - to switch on the left-hand direction indicator.

Instrument panel warning light $\leftarrow \rightarrow$ will flash.

Indicators are switched off automatically when the steering wheel is straightened.

If you want the indicator to flash briefly to show that you are about to change lane, move the stalk up or down without clicking into position. When released the stalk will return to its home position.

WINDOW CLEANING

WINDSCREEN WIPER/WASHER

This device can only work when the ignition key is at MAR.

A - Windscreen wiper off.

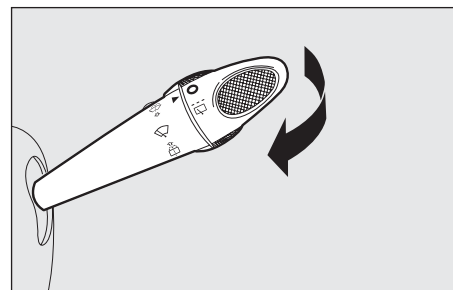
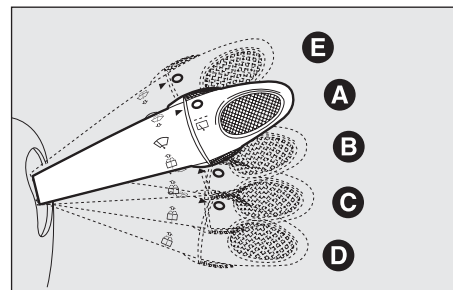
B - Flick wipe.

C - Slow continuous wipe.

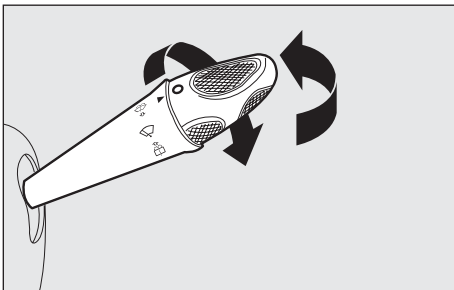
D - Fast continuous wipe.

E - Temporary fast continuous wipe (unstable position): when the stalk is released, it returns to position (A) automatically stopping the wiper.

When the stalk is pulled towards the steering wheel, the windscreen and headlight washer jets starts operating (where fitted) providing the dipped beam headlights are switched on.



Never use the window wiper to remove ice or snow from the windscreen. In these conditions, the wiper is submitted to excessive effort that results in motor protection cutting in and wiper operation inhibition for few seconds as a consequence. If operation is not restored contact Fiat Dealership.





FOE0058m

REAR WINDOW WASHER/WIPER

This device can only work when the ignition key is on MAR.

Controls:

- 1) turn the knurled ring (A) from  to : continuous wipe;
- 2) push the stalk forwards (unstable position) to operate the rear window washer/wiper jets; release the stalk to stop.



Never use the rear window wiper to remove ice or snow from the rear window. In these conditions, the wiper is submitted to excessive effort that results in motor protection cutting in and wiper operation inhibition for few seconds as a consequence. If operation is not restored contact Fiat Dealership.

CEILING LIGHT

FRONT CEILING LIGHT

Switch (A) turns the ceiling lights on/off.

Switch (B) controls the spot light.

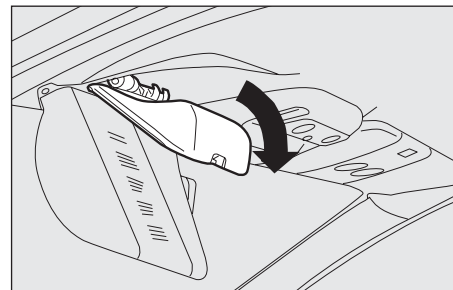
According to the position, you can have the following conditions:

- with switch (A) in centre position, ceiling lights (C) and (D) will turn on when front doors are opened;
- with switch (A) moved to the left, ceiling lights (C) and (D) are off and will not turn on when opening or unlocking the doors;
- with switch (A) moved to the right, ceiling lights (C) and (D) remain on.

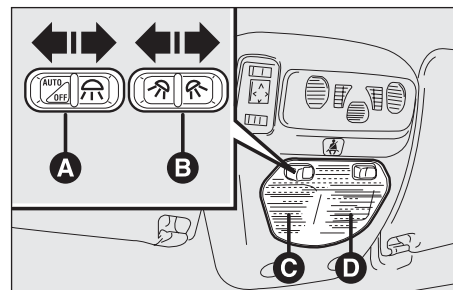
Switch (B) turns the following lights on separately:

- map light (C) if moved to the left;
- map light (D) if moved to the right.

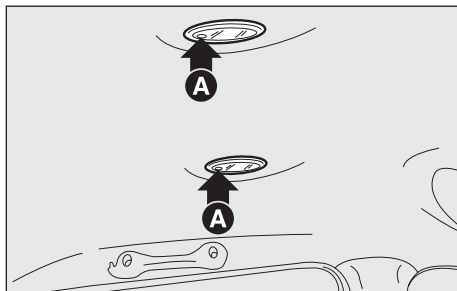
IMPORTANT Before getting out of the car, make sure that both switches are in centre position; ceiling lights will turn off when doors are closed, saving the battery.



FOE0065m



FOE0236m



F0E0067m

REAR CEILING LIGHTS

Ceiling lights turn on when rear doors are opened. With doors closed they can be turned on/off by pressing (A).

In car versions with double sunroof the ceiling lights are located between the two roofs.

CONTROLS

HAZARD LIGHTS

They come on when switch (D) is pressed regardless of the position of the ignition key.

When the device is on, the switch flashes. Press the switch again to turn the lights off .

CONTROL BUTTONS

These are located in the centre of the dashboard.

They only work with the ignition key at MAR (except the hazard lights).

When the function is active, the light on the relevant button comes on. To disable the function, press the button again.

Front fog lights

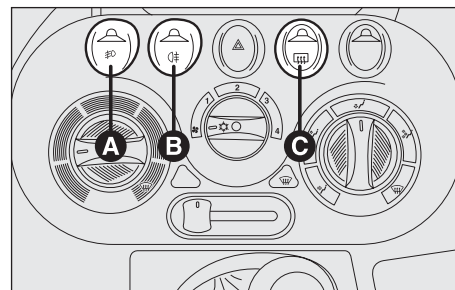
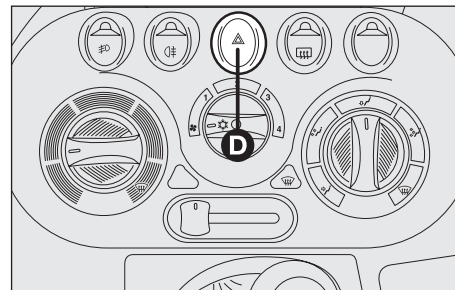
Button (A): to activate these lights it is necessary to have the side/taillights switched on.

Rear fog lights

Button (B): to activate these lights it is necessary to have the dipped beams or the front fog lights switched on.

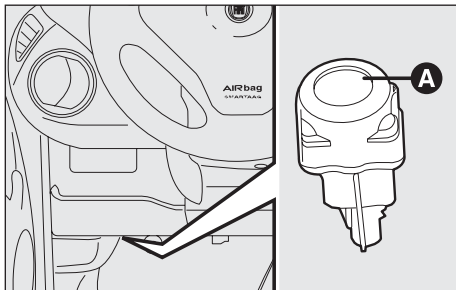
Heated rear window

Button (C) with time-controlled operation.



WARNING

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



FOE0737m

FUEL CUT-OFF SWITCH

It is located under the dashboard on driver's side and comes into operation in the event of a crash.

It is a safety switch (A) that comes into operation in the event of a crash, cutting off the fuel supply thus stopping the engine.

Carefully inspect the car to find fuel leaks, e.g. in the engine compartment, under the car or near the tank.

If no fuel leaks are found and the car can be started again, press button (A) to reset the fuel system and the lights.

After a crash, remember to turn the ignition key to STOP to prevent battery run-down.



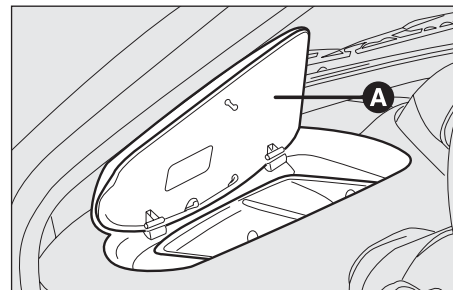
WARNING

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

INTERIOR EQUIPMENT

GLOVE COMPARTMENT ON DRIVER'S SIDE

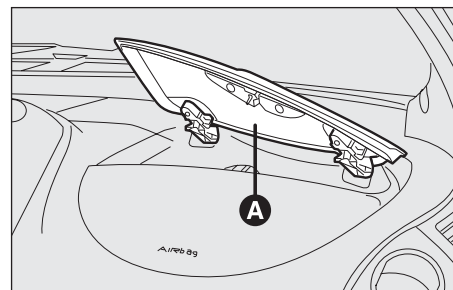
To open, raise flap (A).



F0E0063m

GLOVE COMPARTMENT ON PASSENGER'S SIDE

To open, raise flap (A).



F0E0062m

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

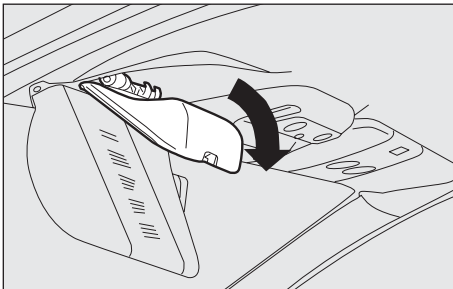
WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX



FOE0065m

ODDMENTS TRAY UNDER THE SUN VISORS

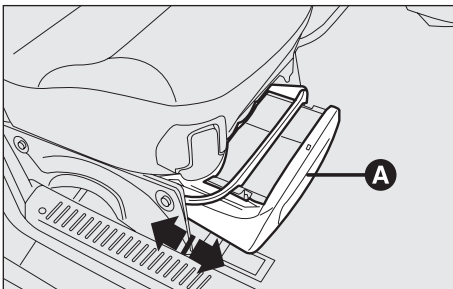
To have access, lower the sun visors.

IMPORTANT These compartments have been designed to contain small oddments (gate remote control, glasses, documents, etc.), heavy objects could cause the compartment to open while driving on rough roads.

ODDMENTS TRAY UNDER THE FRONT RIGHT-HAND SEAT (where provided)

To open: press (A) and pull outwards.

To close: push the tray under the seat until it clicks into place.



FOE0071m

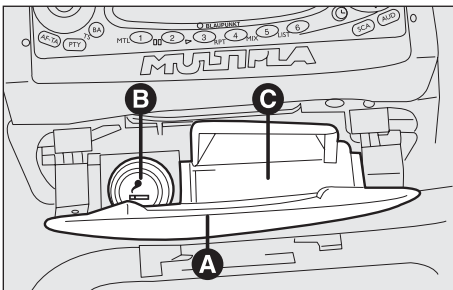
CIGAR LIGHTER (where required)

Only active with ignition key at MAR.

Open flap (A) by pushing it downwards.

Press the cigar lighter button (B); after about 15 seconds the button returns automatically to its original position and the cigar lighter is ready for use.

IMPORTANT Always check that the cigar lighter has turned off.



FOE0068m

ASHTRAY

Fix (where required)

Open flap (A) by pushing it downwards.

The ashtray (C) can be removed.

Mobile (where required)

It consists of a plastic removable box with spring release.

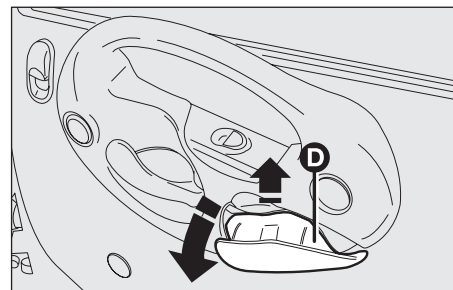
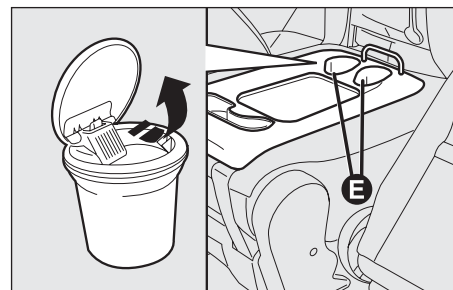
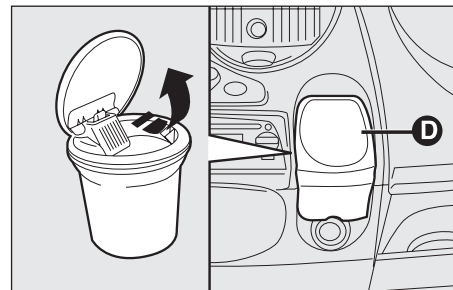
The mobile ashtray can be used by front passengers by fitting it into the glass/can holder (A) on the dashboard or by rear passengers by fitting it into the glass/can holder (B) set on the back of the rear backrest (if folded).

For rear passengers (where required)

They are on the doors.

Pull flap (D) backwards to open.

The ashtray can be removed.



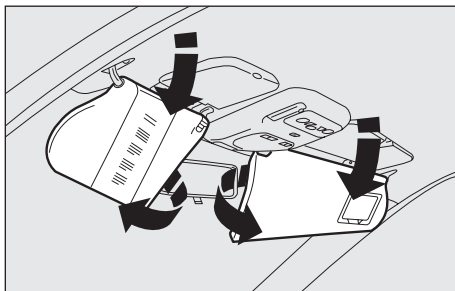
WARNING

Important. The cigar lighter gets very hot. Handle it with care and make sure that it is not used by children: danger of fire and/or burns.



WARNING

Do not use the ashtray as waste paper basket: it might set on fire in contact with cigarettes stub.

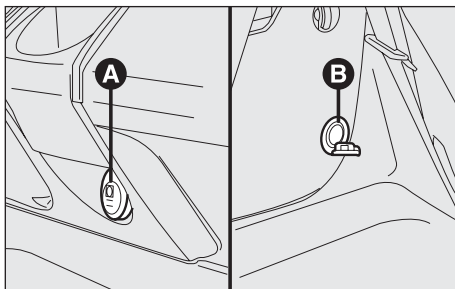


FOE0237m

SUN VISORS

They are located at the sides of the driving mirror. They can be pivoted frontwise and sideways.

On the back of the driver's sun visor there is a document pocket, whereas on the passenger side there is a vanity mirror.



FOE0072m

CURRENT SOCKETS

These are located as follows:

- socket (A) on the dashboard beside the ashtray;
- socket (B) in the boot, on the left side (optional).

Current sockets are powered when the ignition key is at MAR.

To use the current sockets remove the protection cover.

IMPORTANT With the engine off and ignition key at MAR, prolonged use (or more than 1 hour) of accessories with high current intake could deplete the battery, even preventing the engine from starting.

Correct functioning is only ensured if the accessories are connected with a homologated plug, as installed on all Lineaccessori Fiat components.



Do not use the socket for accessories with power over 180W (maximum intake 15A).

FOOD BOX (where provided)

The food box fitted on Fiat Multipla has a capacity of 8 litres which means that it can contain up to three one and a half litre bottles, equal to max. 4.5 kg distributed between the two boxes.

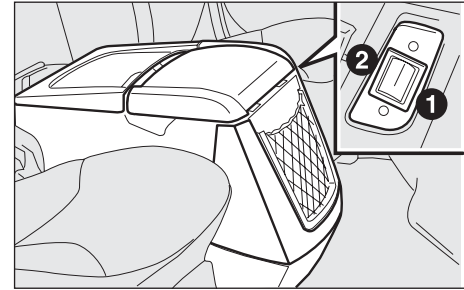
The box, that can be fitted either in front or rear the central seat, is insulated and can be used to cool or warm up the food box according to your needs. When using for cooling, a temperature difference of approximately 20°C can be achieved between the temperature inside the box and that of the passenger compartment after approximately one hour of operation. The lowest possible temperature that can be reached in any case is not lower than 8-10°C.

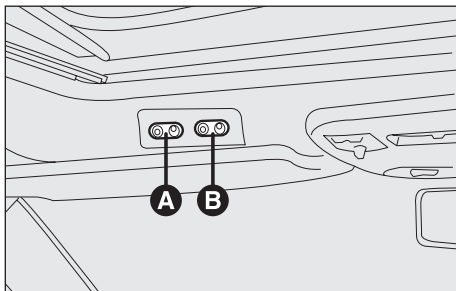
To prevent draining the battery charge, the system is connected to the electrical system via the ignition key. As a result, the box will only work when the engine is running.

You should remove perishables from the box if you leave the car parked for longer than two hours.

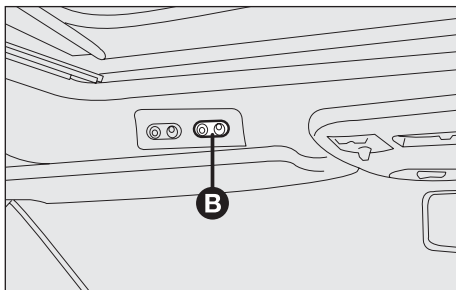
Switch to position 1 = to warm; position 2 = to cool.

If another food box is fitted, you can connect it to the 12 V outlet in the boot using the coil cable provided for the purpose. You are recommended to connect it only if strictly necessary in order to limit electric absorption.





FOE0074m



FOE0605m

ELECTRICALLY CONTROLLED DOUBLE SUNROOF

This device can only work when the ignition key is on MAR.

Switches (A) and (B) control the opening, closing, raising and lowering of both roofs.

When you release the switch, the roof locks in the position it is in at that moment.

If the battery has been disconnected and reconnected, or the rear sunroof disconnected (engine connector and/or control unit connector) the rear sunroof closure safety system must be reset.

ROOF CLOSURE SAFETY SYSTEM RESET

- 1) Turn the ignition key to MAR.
- 2) Press button (B) “open” to fully open the rear sunroof and keep the button pressed for at least 3 seconds.
- 3) Press button (B) “close” and keep it pressed for at least 3 seconds after the rear sunroof has closed.

This operation reactivates the “ROOF CLOSURE SAFETY SYSTEM”.

Front controls

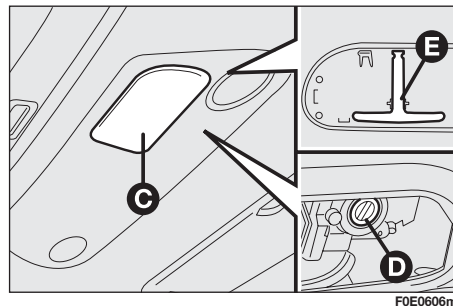
Front roof: press ▲ symbol on switch (A) to open and symbol ▼ to close.

Rear roof: press ▲ symbol on switch (B) to open and symbol ▼ to close.

In the event of a fault on the electronic device, remove cover (C) located between the two roofs. On the back of this there is a key (E) to be fitted into hole (D) and then turned to carry out manually the required operation.

The sunroof is fitted with a sliding blind underneath to protect from strong sunlight. It slides manually and can be managed through the handle.

Open the blind before opening the roof. Do not close it when driving with the roof open.



Do not open the sunroof if there is snow or ice on it: it could be damaged.



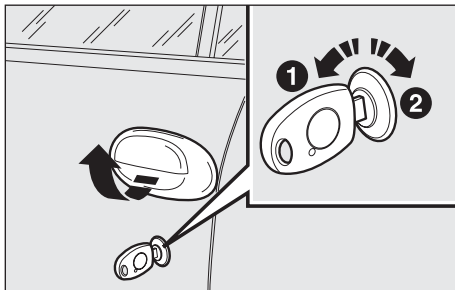
WARNING

The rear sunroof has a safety system that automatically locks the closing if there are obstructions along the glass; improper use of the sunroof can be dangerous. Before and during sunroof activation, always make sure there is no danger of injury to passengers caused by the sunroof movement or by personal belongings being dragged or knocked by the roof. Only open or close the sunroof with the car stationary.



WARNING

When leaving the car, the ignition key should be removed to prevent the sunroof from being operated inadvertently and harming anyone remaining in the car.



FOE0077m

DOORS

Fiat Multipla is fitted with centralised side door closing system.

Unlocking from outside

Turn the key to position (1) and raise the handle.

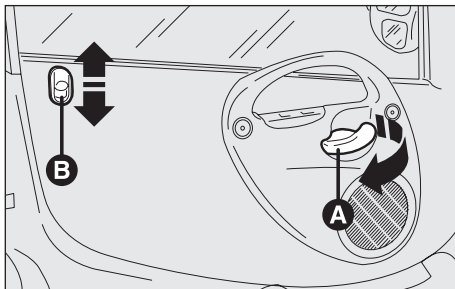
Locking from outside

Turn the key to position (2).

Locking/unlocking the front doors from inside

Unlocking: pull lever (A).

Locking: close the door and press knob (B).

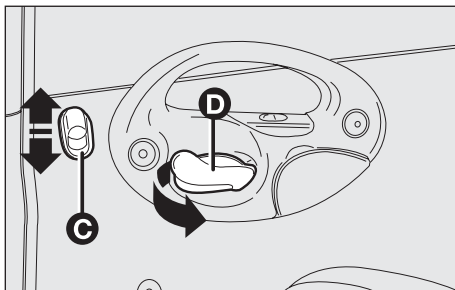


FOE0078m

Locking/unlocking the rear doors from inside

Unlocking: make sure that the child safety device (F) has been released.

Raise the knob (C) and pull lever (D).



FOE0077m

IMPORTANT If one of the doors is not perfectly closed, or there is a system fault, the central locking device will not work and after 8 or 9 attempts in rapid succession the device will cut out for about 30 seconds. During these 30 seconds the doors can be locked or unlocked manually, without involving the electric system. After 30 seconds the central system is ready to receive commands again. If the reason for the malfunction has been removed, the device will start to work properly again. If not it will cut out once more.

IMPORTANT If one or both rear doors are open and the remote control (or the key in the door lock) is operated, the central door locking system will lock all the doors lowering the door sill buttons. When closing the open doors they will lock.

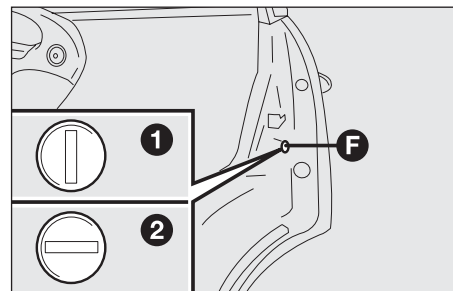
CHILD SAFETY DEVICE

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

Insert the tip of the ignition key into (F) and turn it:

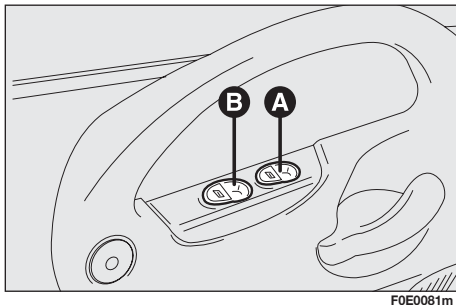
Position 1 - device off.

Position 2 - device on.



WARNING

When children are present in the car this device should always be used.



ELECTRIC WINDOWS

FRONT SEATS

The electric windows are controlled by two buttons in the inside of the handle on the driver's door:

A - to open/close left window;

B - to open/close right window.

If button (A) on driver's side is pressed for over one second, the automatic opening/closing function is activated: the window will stop moving when it reaches the end of its stroke (or when the button is pressed again).

On the passenger side there is a switch in the door handle to control the relevant window.



WARNING

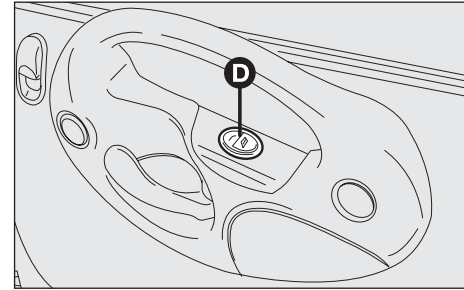
Improper use of power windows can be dangerous. Before and during its operation ensure that any passengers are not at risk from the moving window either by personal objects getting caught on the mechanism or by being injured by it directly. When leaving the car, the ignition key should be removed to prevent the power window from being operated inadvertently and harming anyone remaining in the car.

REAR SEATS

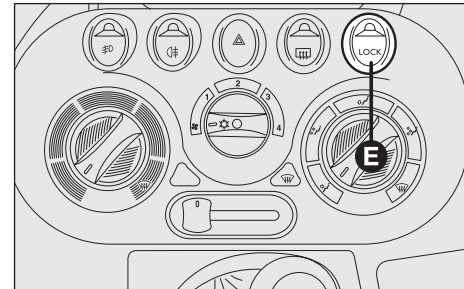
Both internal handles are fitted with the switches (D) for controlling the relevant windows.

To prevent the buttons on the rear doors being used to open/close the rear windows, press the lock button (E) (led on), on the instrument panel.

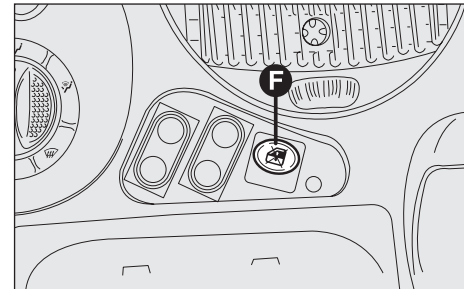
On versions with optional ESP, the rear window lock button is located on the panel under the heater controls (F).



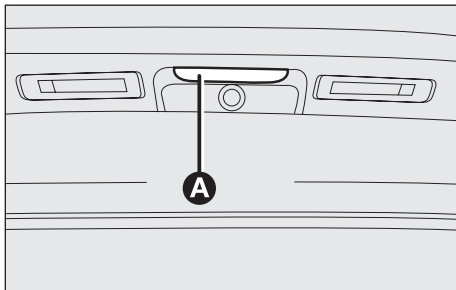
F0E0609m



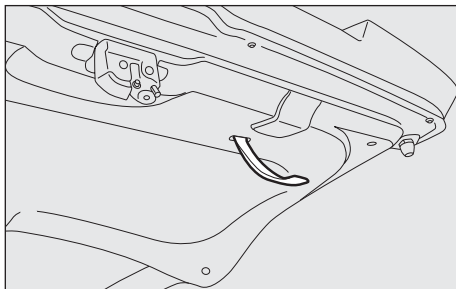
F0E0610m



F0E0611m



FOE0658m



FOE0659m

BOOT

OPENING/CLOSING THE TAILGATE

The tailgate is fitted with an electric lock. To open: unlock front doors with the key and press lever (A) set under the handle. With doors locked, the tailgate cannot be opened. Tailgate opening is made easier by the gas-filled struts on each side.

To close the tailgate, use the handle on the inner trim.



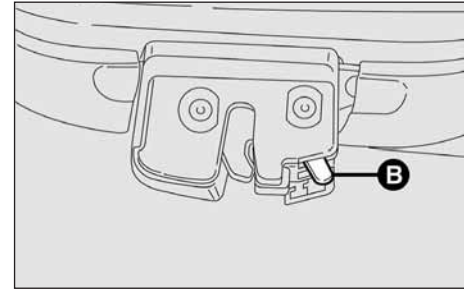
WARNING

Do not travel with the tailgate open: exhaust fumes could enter the passenger's compartment. Be careful not to knock objects on the roof rack when opening the boot tailgate.

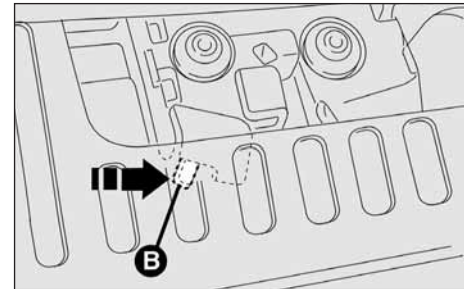
EMERGENCY OPENING

If the electric tailgate lock is faulty, it is however possible to open it manually using lever (B) set on the left side of the lock (seen from the passenger's compartment).

To use this lever, open the rear side door, tilt the seat and push lever (B) to the right (towards the center of the car).



F0E0396m

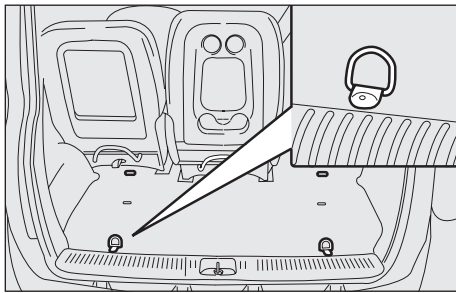


F0E0397m



WARNING

When using the boot, make sure the loads you are carrying do not exceed the permitted weight (see section “Technical specifications”). Also make sure the items in the boot are arranged properly to prevent them being thrown forwards and injuring passengers should you brake sharply.



ANCHORING THE LOAD

There are special rings in the boot to anchor cords to firmly hold in place the load being transported.

IMPORTANT When travelling at night with a load in the boot, the height of the dipped beams should be adjusted (see “Headlights” in this section). To ensure the regulator works properly, make sure that the load does not exceed the values given.



WARNING

Heavy loads not securely anchored could seriously injure passengers in the event of an accident.



WARNING

If you are travelling in areas where refuelling can be difficult and you want to carry a can of petrol, attain to the law in force. Use a homologated can only and secure it to the load anchoring hooks. Even given these precautions, the risk of fire in the event of an accident is increased.

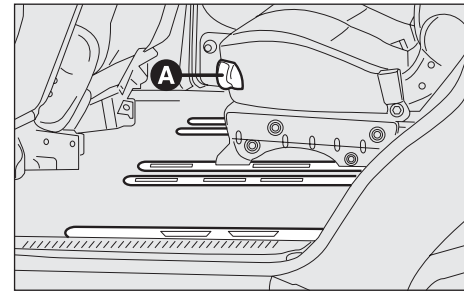
EXTENDING THE BOOT

The boot can be extended when needed in the following ways:

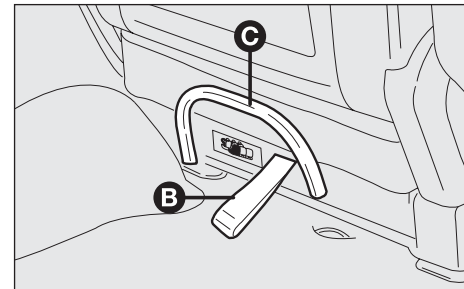
- 1) moving the rear seats forward (by 15 cm);
- 2) removing the rear window shelf;
- 3) tipping the rear seats forward;
- 4) removing the seats.

Moving the rear seats

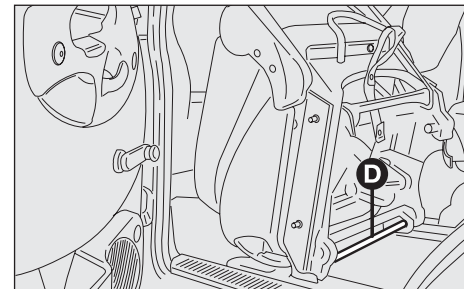
- Remove the foremost protection caps from the runners on the floor with a coin;
- lower the seat back through lever (A) and remove the head restraints;
- release the seat behind by pulling the red tape (B). Lift and turn the seat with handle (C);
- free the front anchorages through lever (D);
- when the seat has been released, grip the front and the back and reposition it in the floor runner 15 cm further forward (as described in next paragraph).



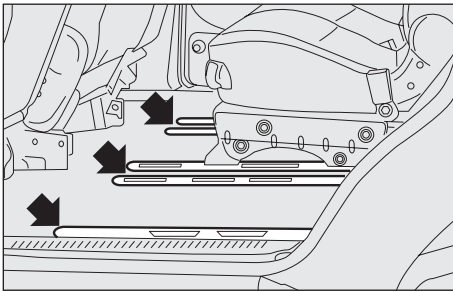
F0E0089m



F0E0612m



F0E0613m



FOG0016m

Re-positioning the rear seats

Make sure that the anchorage points shown in the figure are clean:

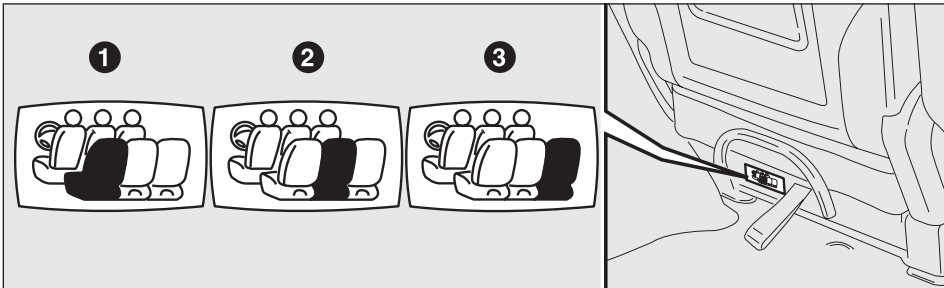
- insert the front hooks in the special holes on the car floor;
- turn the seat until it is 10 cm from the floor then let it drop.

The weight of the seat will position it and latch it to the back hooks.

When repositioning the seats, make sure you do not invert them. The correct position of the seats is shown on the labels (see the figure) fixed to the back of the seats:

- ❶ left-hand seat
- ❷ centre seat
- ❸ right-hand seat

After refitting, the black section of the belts on the side seats should face the outside of the car.



FOE0026m

Removing the rear window shelf

To remove the rear window shelf: release the rear seat backs and tilt them forward, slightly raise the umbrella holding tab (1) and push the rear window shelf (2) forward until releasing the locking pins (A) from their seats, then remove it.

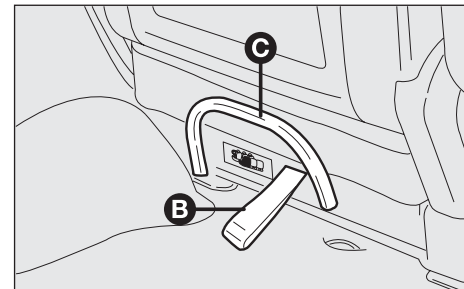
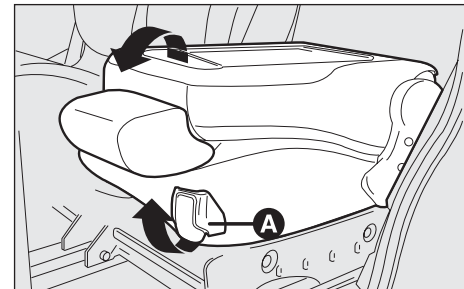
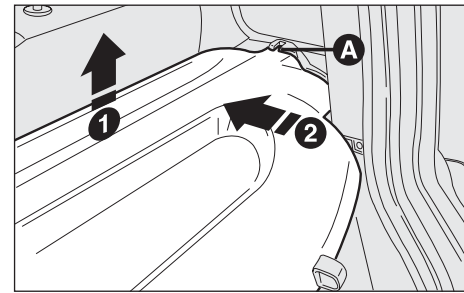
The rear window shelf can be positioned behind the rear seat backs while not in use.

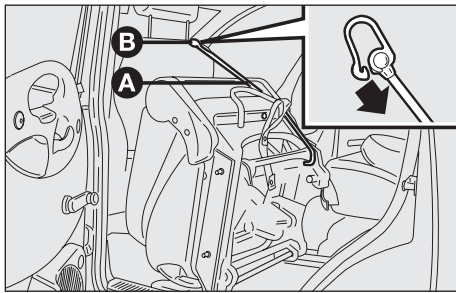
The rear window shelf has a front section that can be folded back to allow the rear seat backs to be tilted backwards.

Folding down the seats

When lowering the centre seat back make sure that the seat is pushed back as far as it will go and that the head restraint is lowered.

- Fold down the seat back using lever (A) and remove the head restraint;
- release the seat backwards pulling back the tape (B), then lift the seat using handle (C);

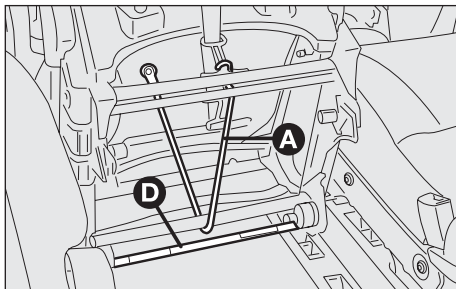




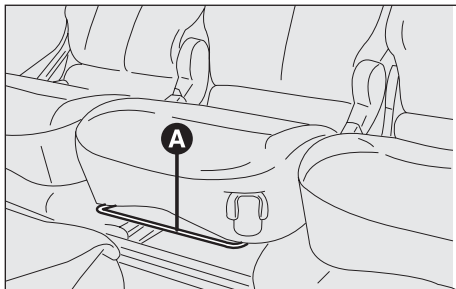
FOE0655m

- hook the shackle (A) located under the rear seat to the front head restraint rod taking care to open the spring catch (B) by pressing downwards as shown in the figure.

IMPORTANT Refit retainer (A) after use. Be careful not to engage the release lever (D) with the red labels.



FOE0614m



FOE0087m

Removing the rear seats

Follow the instructions given to move the seat.

For versions equipped with central sliding seat, operate lever (A) and push the seat back completely. Then follow the procedure described for moving the rear seats.

BONNET

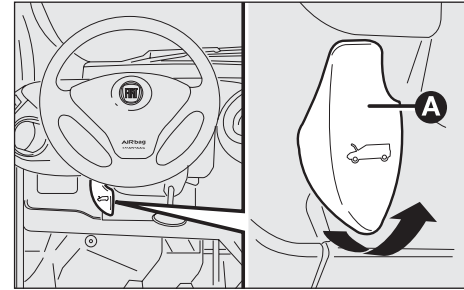
To open the bonnet:

- 1) Pull the lever under the dashboard (A).
- 2) Push the lever upwards (B).
- 3) Lift the bonnet, at the same time release the supporting rod (C) from its retainer (D).
- 4) fit rod end into the bonnet recess (E) and push it to safety position.

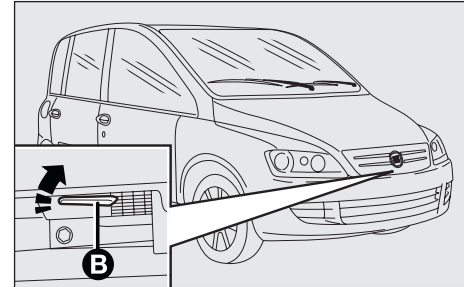
To close the bonnet:

- 1) Hold the bonnet with one hand and with the other remove rod (C) from recess (E) and refit into its retainer (D).
- 2) Lower the bonnet to about 20 centimetres from the engine compartment then, let it fall ensuring that it is fully closed and not just held in position by the safety catch.

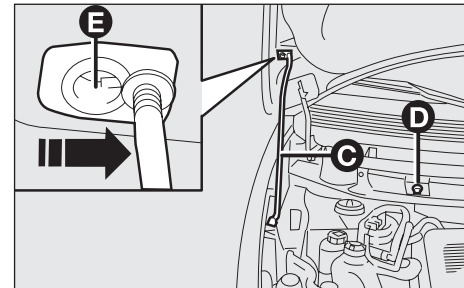
If the bonnet does not close properly, do not push it down but open it again and repeat the above procedure.



F0E0738m



F0E0739m



F0G0662m

**WARNING**

The bonnet might fall violently if the support rod is not positioned properly. This should only be done when the car is stationary.

**WARNING**

Before opening the bonnet make sure the windscreen wiper arm is not lifted from the windscreen.

**WARNING**

If the engine is hot, be very careful when you put your hands under the bonnet as you risk burning yourself. Remember that while the engine is hot, the electric fan can start up and cause injury. Wait for the engine to cool.

**WARNING**

Scarves, ties and other loose articles of clothing could easily get caught up in moving parts. This can be extremely dangerous.

**WARNING**

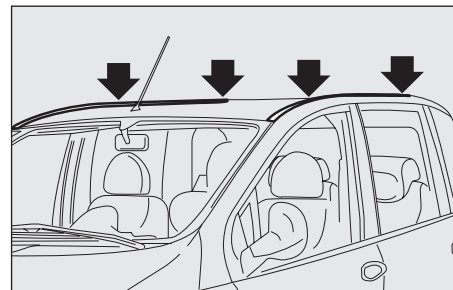
For safety reasons the bonnet must be closed properly to avoid its opening while the car is travelling. Therefore, always check it is properly closed and the catch engaged. Should you notice that the catch is not perfectly engaged when travelling, stop the car immediately and close the bonnet.

ROOF RACK/SKI RACK

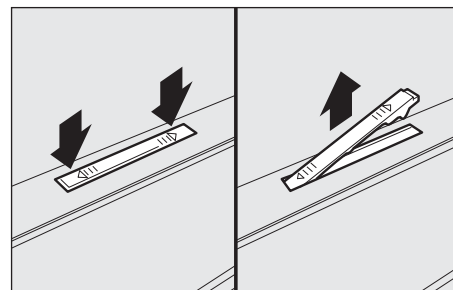
The roof rack or ski rack is to be anchored to the roof in the points shown in the figure by removing the four caps. To do so, press one end and slide them for a few millimetres under the trim.

Specific roof/ski rack for Fiat Multipla are available in Lineaccessori Fiat.

IMPORTANT Be careful not to knock objects on the roof rack when opening the boot tailgate.



F0G0663m



F0E0102m

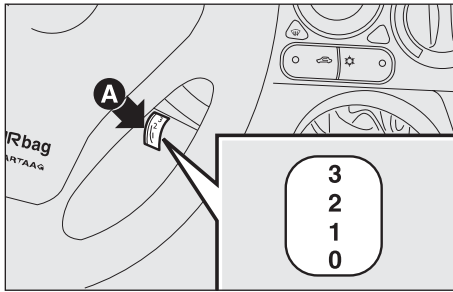


WARNING

After travelling a few kilometres, check that the screws securing the cross-bars are tight.



Never exceed the max. permissible loads (see section “Technical specifications”).



FOE0103m

HEADLIGHTS

ADJUSTING THE HEADLIGHT BEAM

IMPORTANT Proper adjustment of the headlight beams is of vital importance for your safety and comfort and also for the other road users. This is also covered by a specific law. To ensure you and other drivers have the best visibility conditions when travelling with the headlights on, the headlights must be set properly.

Contact Fiat Dealership to have the headlights properly adjusted.

ADJUSTING THE HEADLIGHT SLANT

When the car is loaded, it slopes backwards. This means that the headlight beam rises. In this case, it is necessary to return it to the correct position.

An electric adjuster (A) is fitted on the instrument panel.

Correct positions as a function of the load

Position 0 - up to three people on the front seats.

Position 1 - up to six people.

Position 2 - six people + max 130 kg load in the boot.

Position 3 - driver + load stowed in the boot up to a maximum of 300 kg.

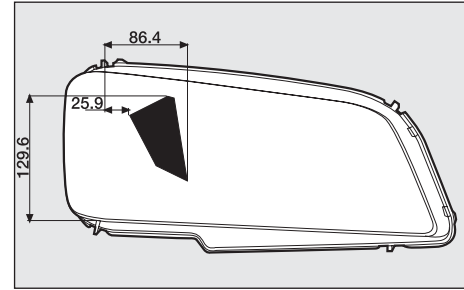
Only for 4 or 5 seat VAN versions, the max. permissible load is 350 kg.

IMPORTANT To ensure the regulator works properly, make sure the load in the boot does not exceed the maximum values given in paragraph "Weights" in section "Technical Specifications".

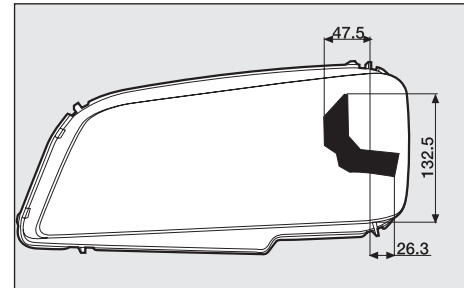
HEADLIGHT BEAM ADJUSTMENT ABROAD

The dipped beam headlights are adjusted for circulation in the country in which the car is marketed. In countries with opposite circulation, to avoid glaring oncoming vehicles, it is necessary to cover the areas of the headlight using a special sticker tape provided for the purpose.

The figures shown the passage from left-hand driving to right-hand driving.



FOG0631m



FOG0632m

ABS SYSTEM (where provided)

If this is the first car with ABS you drive, get familiar with it by some preliminary “driving tests” on poor grip roadbeds, obviously under safety conditions and in compliance with the traffic regulations of the Country you are driving in. Read carefully the following instructions.

ABS is an integral part of the brake system that prevents the wheels from locking when braking, makes the most of road grip and gives the best control when emergency braking under difficult road conditions.

System is completed by EBD (Electronic Braking Force Distribution), which distributes the braking action between front and rear wheels.

IMPORTANT To have the maximum efficiency of the braking system, it is necessary a setting period of about 500 km: during this period, it is better to avoid sharp, repeated and prolonged brakes.

ABS INTERVENTION

You can tell when the ABS is working by slight throbbing of the brake pedal and the noise it makes: slow down to match your speed to the road grip.



WARNING

If the ABS system cuts in it is a sign that the grip between the tyre and the road surface has reached the limit: slow down to match your speed to the road grip.



WARNING

ABS exploits the available road grip as fully as possible, but it cannot increase it; therefore prudence is always necessary on slippery surfaces: do not take unnecessary risks.




WARNING

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



FAILURE WARNINGS

ABS failure

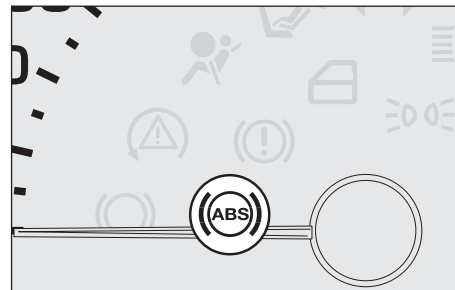
It is indicated by the instrument panel warning light  coming on together with the message on the reconfigurable multifunction display (see section “Warning lights and messages”).

In this case the braking system will still be effective, although without the anti-lock device. Drive carefully to the nearest Fiat Dealership to have the system checked.

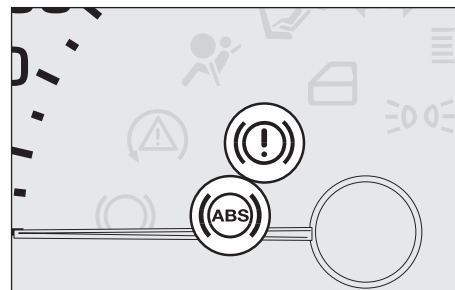
EBD failure

It is indicated by the instrument panel warning lights  and  coming on together with the message on the reconfigurable multifunction display (see section “Warning lights and messages”).

In this case with sharp braking the rear wheels might lock too early, with the possibility of skidding. Drive extremely carefully to the nearest Fiat Dealership to have the system checked.




FOG0633m



FOG0634m



WARNING


If the low brake fluid warning light  comes on together with the message on the reconfigurable multifunction display, stop the car immediately and contact the nearest Fiat Dealership. Fluid leaks from the hydraulic system, in fact, can compromise the braking system, both traditional systems and systems with ABS.

ESP SYSTEM (Electronic Stability Program) (where provided)

The ESP system is an electronic system controlling the car stability in the event of tyre grip loss.

The ESP system is therefore particularly useful when grip conditions of the road surfaces change.

ESP SYSTEM INTERVENTION

It is signalled by the blinking of the warning light  on the instrument panel, to inform the driver that the car is in critical stability and grip conditions.

ESP SYSTEM OPERATION

The ESP system is automatically activated when the car is started and cannot be de-activated.



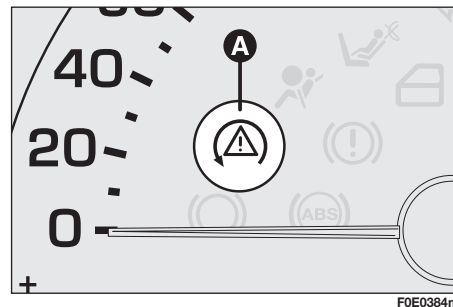
WARNING

The performance of the system, in terms of active safety should not induce the driver to take pointless and unnecessary risks. The style of driving must in any case always be adapted to the conditions of the road surface, visibility an traffic. Road safety is always the driver's responsibility.

FAILURE WARNINGS

In the event of failure, the ESP system is automatically disconnected and the instrument panel warning light (A) comes on together with the message on the display (see section “Warning lights and messages”).

In this case, go to a Fiat Dealership as soon as possible.



F0E0384m



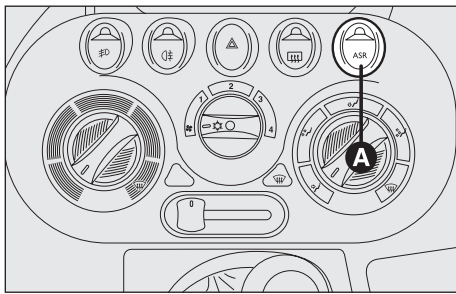
WARNING

During the use of the space-saver spare wheel, the ESP system carries on working. However, you must remind that the space-saver spare wheel presents dimensions smaller than the standard tyre and therefore its grip is reduced as to the other car tyres.



WARNING

For correct operation of the ESP system, the tyres must absolutely be of the same brand and type on all wheels, in perfect conditions and, above all, of type, brand and size specified.



FOE0390m

ASR SYSTEM (Antislip Regulation)

The ASR system is an integral part of the ESP system that controls the vehicle drive and cuts in automatically every time one or both driving wheels slip.

In slipping conditions, two different control systems are activated:

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

The action of the ASR is particularly helpful in the following circumstances:

- slipping of the inner wheel due to the effect of dynamic load changes or excessive acceleration;
- too much power transmitted to the wheels also in relation to the conditions of the road surface;
- acceleration on slippery, snowy or frozen surfaces;
- in the case of loss of grip on a wet surface (aquaplaning).

Switching on/off of the ASR system

The ASR system switches on automatically each time the engine is started.

Switching on/off is indicated by the coming on of the switch led (A).

When travelling the ASR can be switched off and on again pressing switch (A) on the centre console.

When the ASR is off this is shown by the lighting up of the led on the switch.

If the ASR is switched off when travelling, it will turn on again automatically the next time the engine is started.

When travelling on snow with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, slipping of the driving wheels when moving off makes it possible to obtain better drive.



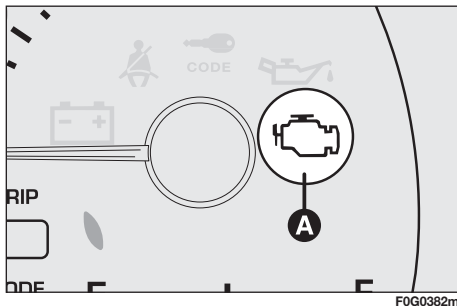
WARNING

The performance of the system, in terms of active safety should not induce the driver to take pointless and unnecessary risks. The style of driving must in any case always be adapted to the conditions of the road surface, visibility and traffic. Road safety is always the driver's responsibility.



WARNING

For correct operation of the ASR system, the tyres must absolutely be of the same brand and type on all wheels, in perfect conditions and, above all, of type, brand and size specified.




FOG0382m

EOBD SYSTEM

The European On Board Diagnostic system (EOBD) fitted to engine and automatic transmission (where provided) electronic control units allows monitoring and warning of any malfunction to the electronic systems that could increase exhaust emissions.

The objective is:

- To keep system efficiency under control
- Warn when a fault causes emission levels to increase
- Warn of the need to replace deteriorated components



This diagnostic system indicates the presence of deteriorated components or system malfunctioning (see section “Warning lights and Messages”) by the turning on of the instrument panel warning light  (together with the relevant message on the multifunction display, where provided).

NOTE: The car is provided with a diagnostic connector that can be interfaced with appropriate tools, which makes it possible to read the error codes stored in the control units, together with a series of specific parameters for engine operation and diagnosis.

This test can also be performed by traffic controller agents.

IMPORTANT: After a servicing operation at Fiat Dealership aimed to eliminate malfunctioning connected to the EOBD system, in order to check the system thoroughly it could be required to run a bench test and, if necessary, road tests which may also call for a long journey.



If turning the ignition key to MAR, the warning light  does not turn on or if, while travelling it turns on glowing steadily or flashing (together with the message on the multifunction display), contact Fiat Dealership as soon as possible. Warning light  operation can be checked by means of special equipment by traffic controller agents. Always comply with the traffic regulations in force in the country where you are travelling.

PARKING SENSORS (where provided)

Parking sensors are located in the rear bumper to detect and inform the driver (through an intermittent acoustic signal) about the presence of obstacles behind the car.

ACTIVATION

Sensors will activate automatically when engaging reverse gear.

The frequency of the acoustic alarm will increase as the distance between the car and the obstacle decreases.

ACOUSTIC SIGNAL

When the reverse gear is engaged an intermittent acoustic signal is automatically activated (short beep to signal system activation).

The acoustic signal frequency:

- increases with the reduction of distance between the car and the obstacle;
- becomes continuous when the distance between the car and the obstacle is less than 30 cm and stops if the distance increases;
- is constant if the distance is unvaried.

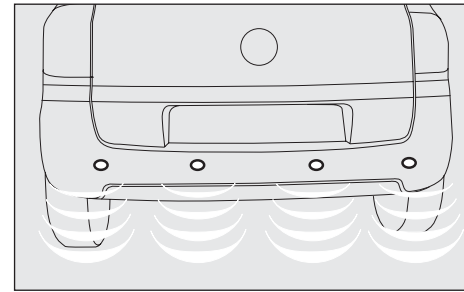
Detection distances:

Centre action range 150 cm

Corner action range 60 cm

Min/max range 25/180 cm

If several sensors signal an obstacle, the control unit checks and indicates the closest one.



FOG0664m

FAILURE WARNINGS

In case of parking sensor failure, the driver is warned by a 3-seconds acoustic signal.

OPERATION WITH TRAILER

Parking sensor operation is deactivated automatically when the trailer electric cable plug is fitted into the car tow hook socket.

Sensors are reactivated automatically when removing the trailer cable plug.

GENERAL WARNINGS

- When parking, take the utmost care to obstacles set above or under the sensors.
- Objects set close to the car front or rear part, under certain circumstances are not detected and could therefore cause damages to the car or be damaged.
- Indications sent by the sensors can be altered by dirt, snow or ice deposited on the sensors or by ultrasound systems (e.g.: truck pneumatic brakes or pneumatic hammers) set nearby the car.



For proper operation, the parking sensors shall be clean from mud, dirt, snow or ice. When cleaning the sensors, take the utmost care to prevent their damaging; do not use therefore dry or rough clothes. Sensors shall be washed with clean water and car detergent, if required. In washing stations, clean sensors quickly keeping the vapour jet/high pressure washing nozzles at 10 cm at least from the sensors.



WARNING

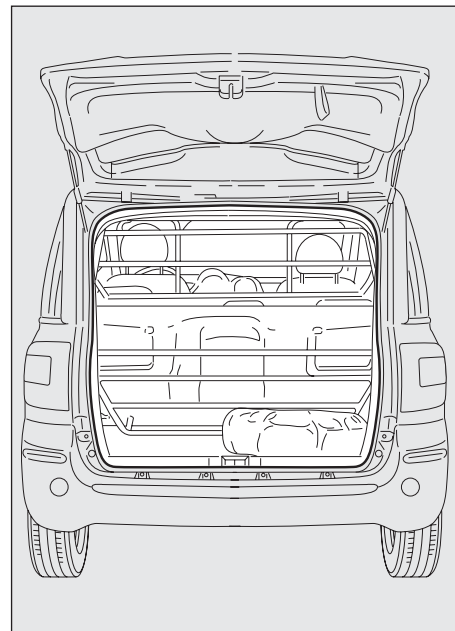
Parking manoeuvres however are always under the driver's responsibility which shall always check the absence of people (specially children) or animals in the manoeuvre space. This system is just a help for the driver but she/he shall never reduce attention during dangerous manoeuvres even if performed at low speed.

MULTIPLA VAN

Multiplan Van is available in the following versions:

- 5 seats (100 16v - JTD 120 versions)
- 4 seats (Natural Power versions)

all versions features a division panel between passenger's and load compartment.



FOG0665m



WARNING

Do not travel with the tailgate open: exhaust fumes could enter the passenger's compartment.

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

LOAD RECOMMENDATIONS

Fiat Multipla Van has been designed and approved on the basis of several set maximum weights:

- kerb weight
- payload
- total weight
- max. weight on front axle
- max. weight on rear axle
- towable weight.

Each of these limits must be borne in mind and must never be exceeded under any circumstances.



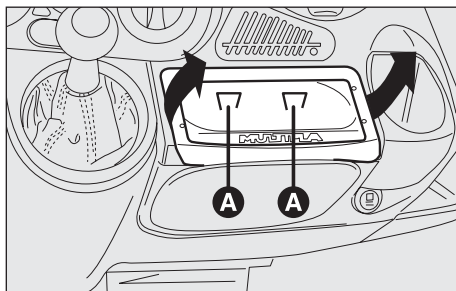
WARNING

Chance knocks or sudden braking can cause sudden shifts of the load which could jeopardise the safety of the driver and the passengers: before you start off make sure the load is firmly secured by using the hooks built into the floor for that purpose. Use metal cables, ropes or straps strong enough to support the weight of the load to be fixed.

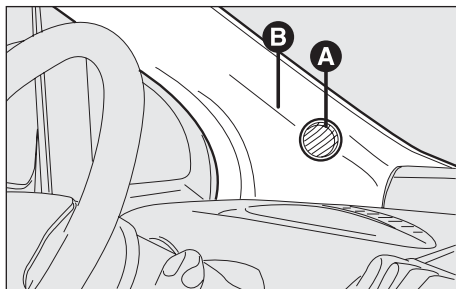
In addition to these general precautions, some simple measures could enhance driving safety, comfort and the length of the vehicle's life:

- distribute the load evenly over the load floor: if you need to concentrate it all in one point choose the part between the axles;
- remember that the lower the load is, the lower the vehicle centre of gravity will be, contributing to a safe drive; you should therefore always position the heavier goods at the bottom;

- finally, remember that the way in which the vehicle moves is influenced by the weight being carried. In particular, stopping distance lengthens specially at high speed.



FOE0109m



FOE0110m

SOUND SYSTEM

STANDARD EQUIPMENT

The system, for all versions, consists of sound system power cables, front and rear speaker cables, aerial cable, housing for sound system and front and rear speakers, plate to adjust the sound system compartment standard size.

The sound system is installed in the housing occupied by the oddment tray that can be easily removed by pressing the two retaining tabs (A).

Power cables, speaker and aerial connection cables can be found in this compartment.

SPEAKERS

To install tweeters on front uprights, use housings (A) at the ends of the instrument panel; to fit them, remove the covers (B) and mount the speakers.

We advise you to have this done at a Fiat Dealership.



Visit a Fiat Dealership if you want to install the sound system after buying the car. They can advise you on how to safety the battery life. Excessive idle intake can damage the battery and may invalidate the warranty.

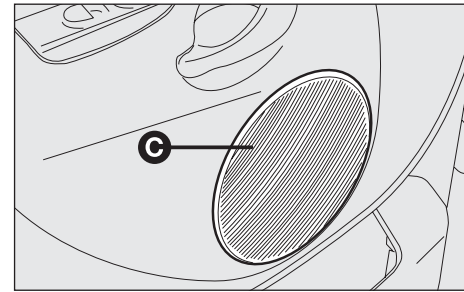
For front door speakers:

- 1) Remove the pressed-in plate (C).
- 2) Install the speaker in the housing.
- 3) Refit the plate taking care that the securing pins fit into the guides.

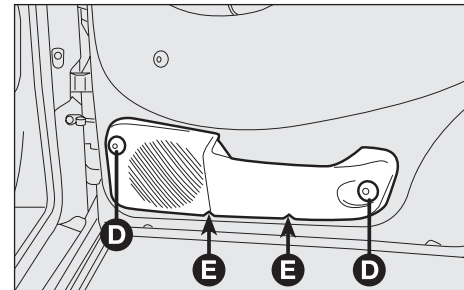
For rear door speakers:

- 1) Remove map pockets after removing the 2 screws (D) and those under caps (E).
- 2) Install the speaker in the housing and refit the map pocket.

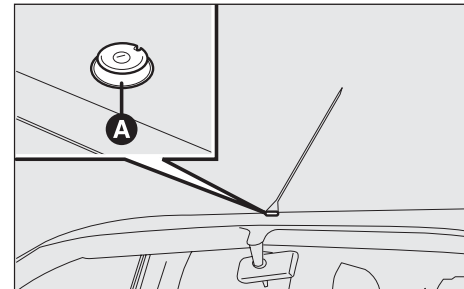
IMPORTANT We recommend you go to a Fiat Dealership for correct installation of the system.



F0E0635m



F0E0616m

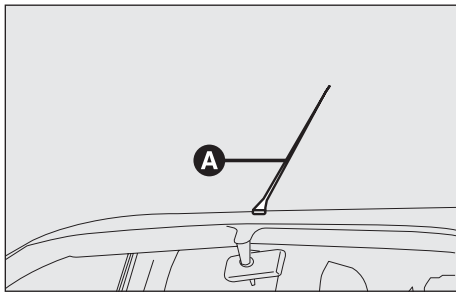


F0E0113m

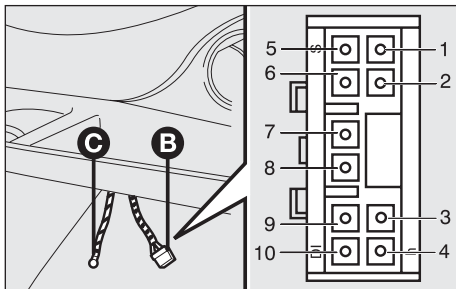
AERIAL

To install:

- 1) Remove plastic cap from the car roof (A).
- 2) Screw the aerial in place.



FOE0114m



FOE0617m

HANDS-FREE KIT SETUP

If the car has been ordered with the sound system provision, it will be fitted with:

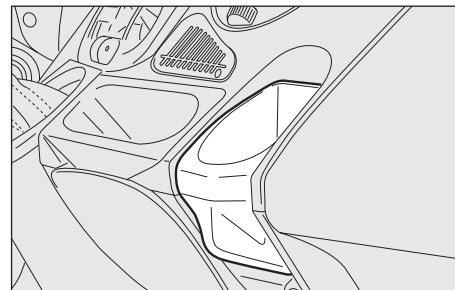
Setting for 6 speakers:

- 2 front speakers (tweeter);
- 2 rear speakers (full-range) ;
- 2 woofers on front doors;
- Antenna sound system (A) set on front roof side;
- Wiring with ten-pin connector (B) for powering and connecting the radio, set under the dashboard on the right side.

NOTE To use the cellular telephone, the sound system bought as an after-market shall be able to receive also telephone signals.

Wiring diagram:

- 1 Telephone MUTE
- 5 Telephone AF IN+
- 6 Telephone AF IN-
- 7 positive (+) key
- 8 positive (+) lights
- 9 positive (+30)
- 10 electronic ground.



F0E0116m

The microphone should be installed near the front ceiling light so that it does not interfere with driving visibility.

The recommended position to install the cellular phone support is shown in the figure; remove the highlighted support taking out the screws in the lower part.



The hands-free telephone shall be purchased by the Customer since it must be compatible with the Customer's cellular phone.



To install the cellular phone and make the relevant connection in the car it is essential to have the system installed at a Fiat Dealership. This will ensure the best results and prevent problems which could affect the car safety.

INSTALLATION OF ELECTRIC/ ELECTRONIC DEVICES

Electric/electronic devices installed after buying the car or in aftermarket shall bear the and marking:



Fiat Auto S.p.A. authorizes the installation of transceivers provided that installation is carried out at a specialized shop, workmanlike performed and in compliance with manufacturer's specifications.

IMPORTANT Installation of devices resulting in modifications of car characteristics may cause driving license seizing by traffic agents and also the lapse of the warranty as concerns defects due to the abovementioned modification or traceable back to it directly or indirectly.

Fiat Auto S.p.A. declines all responsibility for damages caused by the installation of non-genuine accessories or not recommended by Fiat Auto S.p.A. and installed not in compliance with the specified requirements.

RADIO TRANSMITTERS AND CELLULAR TELEPHONES

Radio transceiver equipment (e.g.: e-tacs mobile phones, HAM radio systems and the like) shall not be used inside the car unless a separate aerial is mounted on the roof.

IMPORTANT The use of similar devices inside the passenger compartment (without separated aerial) produces radio-frequency electromagnetic fields which, amplified by the resonance effects inside the passenger compartment, may cause electrical systems equipping the car to malfunction. This could compromise safety in addition to constituting a potential hazard for the passengers.

In addition, transmission and reception of these devices may be affected by the shielding effect of the car body.

As concerns EC-approved mobile phones (GSM, GPRS, UMTS), strictly comply with the instructions for use provided by the mobile phone's manufacturer.

ACCESSORIES PURCHASED BY THE OWNER

If after buying the car, you decide to install electrical accessories that require a permanent electric supply (alarm, satellite antitheft system, etc.) or accessories that in any case burden the electric supply, contact Fiat Dealership, whose qualified personnel, besides suggesting the most suitable devices belonging to Lineaccessori Fiat, will also evaluate the overall electric absorption, checking whether the car's electric system is able to withstand the load required, or whether it needs to be integrated with a more powerful battery.



Apply to Fiat Dealership only to have the cellular phone installed and to connect it to car presetting.

AT THE FILLING STATION

PETROL ENGINES

Use only unleaded petrol.

To prevent errors, the diameter of the fuel tank filler is too small to introduce a lead petrol pump filler.

Use petrol with a rated octane number (R.O.N.) not lower than 95.

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

IMPORTANT Never use leaded petrol, even in small amount or in an emergency, as this would damage the catalyst beyond repair.

DIESEL ENGINES

If the outside temperature is very low, the diesel thickens due to the formation of paraffin and could clog the fuel filter.

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).

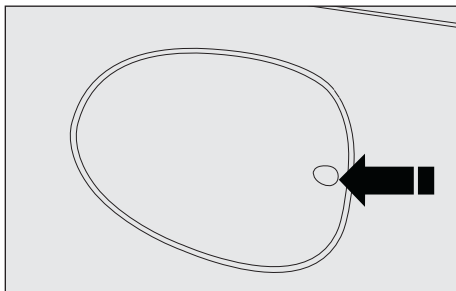
If refuelling with diesel type not suitable for cold temperatures, add TUTELA DIESEL ART additive in the proportions stated on the can, pouring first the antifreeze in the tank and then the diesel fuel.

If driving or parking the vehicle for a long period in cold areas/mountains, refuel with the diesel fuel available at local filling stations.

In this situation you are also recommended to have in the tank an amount of fuel 50% higher than usable capacity.



The car must only be filled with diesel fuel for motor vehicles, in compliance with European Specification EN590. The use of other products or mixtures may irreparably damage the engine with invalidation of the warranty due to the damage caused. In the event of accidentally filling with another type of fuel, do not start the engine and empty the tank. If the engine has been run even for only a very short time, in addition to the tank, it is also necessary to drain out the whole fuel circuit.



FOE0667m

FUEL FILLER CAP

the cap (B) is fitted with an antiloss device (C) which fastens it to the lid (A) so it cannot be mislaid.

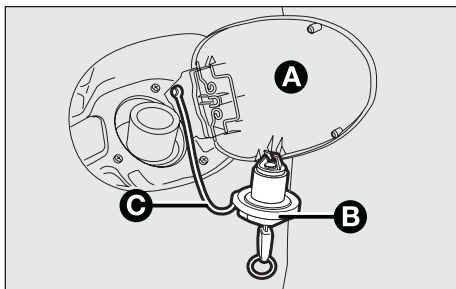
To open: hold the cap (B) still, turn the key anticlockwise, turn the cap by about half a turn and remove it.

While refuelling, the cap can be placed directly on the flap (A) as shown in the figure.

IMPORTANT The hermetic closure may cause a slight pressure build-up in the tank, a slight hiss when opening the cap is quite normal.

To close: fit the cap (with the key) and turn it clockwise until you hear one or more clicks; hold the cap still, turn the key clockwise then remove it.

IMPORTANT If it becomes necessary to replace the cap, use only an original spare, otherwise the vapour recovery system efficiency could become reduced.



FOE0668m

REFUELLING

To guarantee full tank filling, carry out two refuelling operations after the first click of the fuel delivery gun. Avoid further topping up operations that could cause damages to the fuel system.



WARNING

Do not put naked flames or lighted cigarettes near 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

Protecting the environment has been the guiding principle in the design of the Fiat Multipla right from start. The result is the use of materials and creation of devices that can reduce or considerably curtail harmful influences on the environment.

The devices for curtailing petrol engine emissions are the following:

- three-way catalytic converter;
- Lambda sensor;
- fuel evaporation system.

The devices for curtailing diesel fuel engine emissions are the following:

- oxidising catalytic converter;
- exhaust gas recirculation system (E.G.R.).

As a consequence Fiat Multipla is ready to travel with several advantage points over the most severe international anti-pollution regulations.



WARNING

During normal service the catalytic converter reaches high temperatures. Therefore, do not park the car over inflammable material (grass, dry leaves, pine needles, etc.): fire danger.

DIESEL PARTICULATE FILTER (DPF)

The Diesel Particulate Filter is a mechanical filter, integral with the exhaust system, that physically traps particulates present in the exhaust gases of Diesel engines.

The diesel particulate filter has been adopted to eliminate almost totally particulates in compliance with current / future law regulations.

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

Since this filter physically traps particulates, it shall be cleaned (reclaimed) at regular intervals by burning carbon particles.

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

During reclaiming the following phenomena could take place: idling slight increase, fan activation, slight smoke increase, high exhaust temperatures. These situations shall not be considered as faults and they do not affect car performance and environment.

If the dedicated message is displayed, refer to section “Warning lights and messages”.

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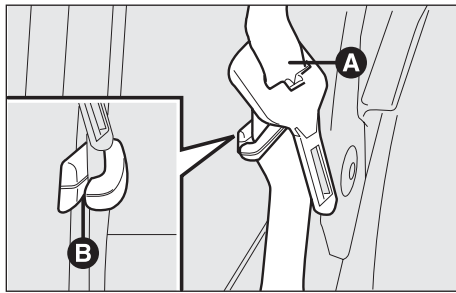
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FOE0092m

SEAT BELTS

Fiat Multipla has a three-point seat belt on the centre seats too (front and rear).

A special belt retainer (A), set on front passenger's door post, allows to lock the seat belt when the passenger is not wearing it.

Fit the belt into the retainer through its proper open side (B).

Fit the seat belt into the retainer when there are no passengers to prevent maddening noises when driving.



WARNING

Always release the seat belt from the retainer before wearing it.

HOW TO USE THE SEAT BELTS (for front seats)

The belt should be worn keeping the chest straight and rested against the seat back.

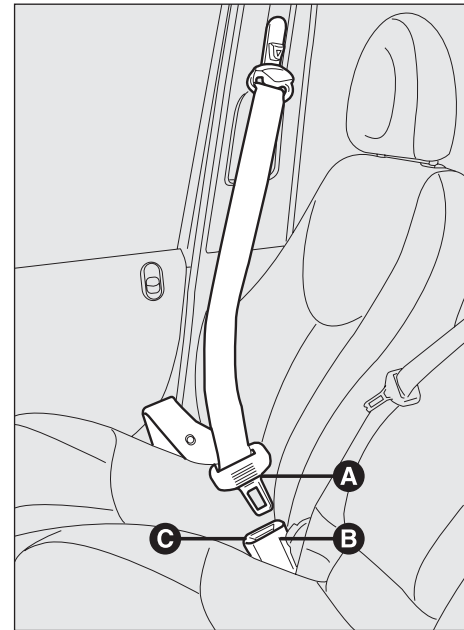
To fasten the three belts, take the latching tongue (A) and clip it into the buckle (B), until you hear it click.

At removal, if it jams, let it rewind for a short stretch, 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.

Through the reel, the belt automatically adapts to the body of the passenger wearing it, allowing freedom of movement. When the car is parked on a steep slope the reel mechanism may block; this is normal.

The reel mechanism prevents the webbing coming out when it is jerked or if the car brakes sharply, in a collision or when cornering at high speeds.



F0E0022m

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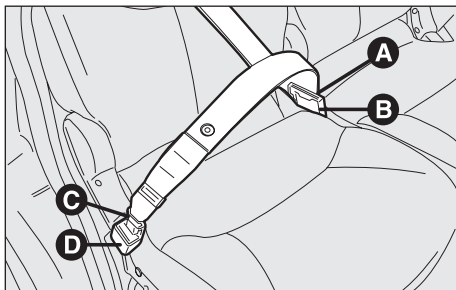
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WARNING

Never press button (C) when travelling.



FOE0024m

USING THE REAR SEAT BELTS

Side seat belts

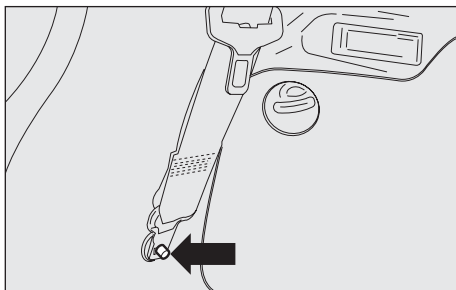
The seat belt has a double buckle. Unwind the belt slowly. Take tongue (C) and insert it into seat (D). Then take tongue (A) and insert it into seat (B). Make sure both buckles are well fastened.

When removing the side seats, wind up the belts and fasten the buckles to the pins on the right and left sides of the car.

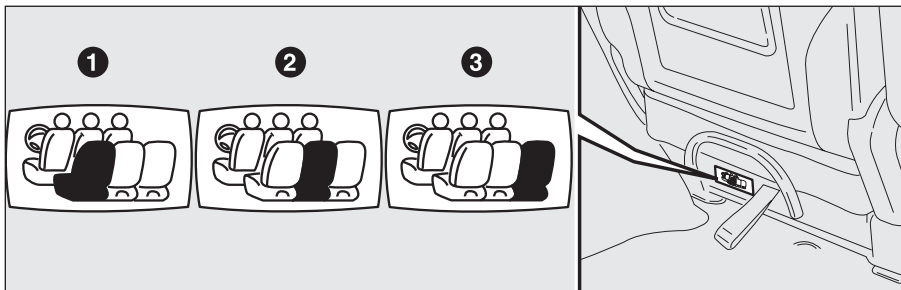
When repositioning the seats, make sure you do not invert them. The correct position of the seats is shown on the labels fixed to the back of the seats:

- ❶ left-hand seat
- ❷ centre seat
- ❸ right-hand seat

After refitting, the black section of the belts on the side seats should face the outside of the car.



FOE0025m



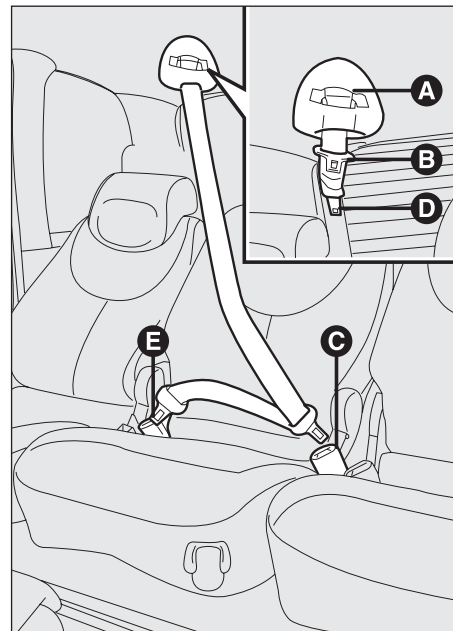
FOE0026m

Centre seat belt

The belt has a double buckle. Slowly unwind the belt from its reel (A), take the tongue (D) and insert it in slot (E), then place tongue (B) in slot (C); make sure both buckles lock properly.

When there is no-one in the centre seat fold both belt sections and place the buckles in the receptacle (A), inside the locking slots.

When refitting the seats take care not to reverse their positions: the centre seat is easily distinguished by the table on the seat back.



F0E0027m



WARNING

Remember that in the event of a violent collision, back seat passengers not wearing seat belts also represent a serious danger for the front seat passengers.

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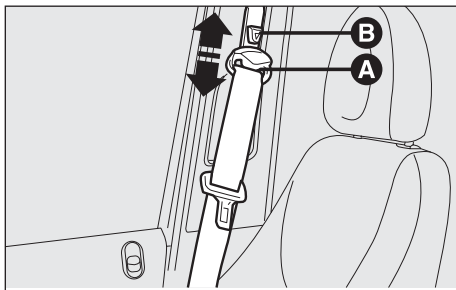
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SEAT BELT HEIGHT ADJUSTMENT

Always adjust the height of the seat belt to fit the person wearing it. This precaution could greatly reduce the risk of injury in case of collision.

Correct adjustment is obtained when the belt passes half way between the end of the shoulder and the neck.

The seat belt can be adjusted to one of 4 different positions.

To raise the belt

Lift ring (A) to the required position.

To lower

Press knob (B), at the same time moving ring (A) down to the required position.

Then check that the seat belt is locked by pushing down ring (A) without pressing knob (B).



WARNING

Make the height adjustment when the car is stationary.



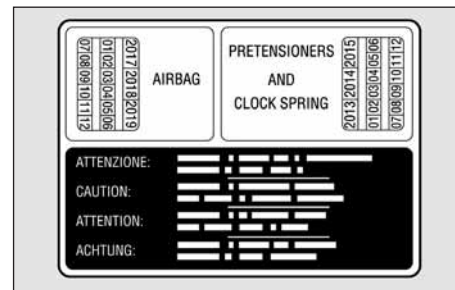
WARNING

After adjustment, always check that the slider is anchored in one of the positions provided. To do this, with the button released, exert a further pressure to allow the anchor device to catch if release did not take place at one of the preset positions.

PRETENSIONERS

To increase the efficiency of the front seat belts, Fiat Multipla is fitted with pretensioners on all the three front seats.

Do not place objects under the centre seat as this could damage the pretensioner system. These devices “feel” through a sensor, that a violent crash is in progress and rewind the seat belts a few centimetres. In this way they ensure that the seat belt adheres perfectly to the wearer before the restraining action begins. The seat belt locks to indicate that the device has intervened; the seat belt cannot be drawn back up even when guiding it manually.



FOE0656m



WARNING

The pretensioner can only be used once. After a collision that has triggered it, have it replaced at a Fiat Dealership. Pretensioner validity is indicated on the label in the lower oddment compartment: the pretensioners should be replaced at a Fiat Dealership as this date approaches.



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

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

A small amount of smoke may be produced. This smoke is in no way toxic and presents no fire hazard.

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

LOAD LIMITING DEVICES

To increase passenger's safety, the front side seat belt reels have a built-in load limiting device which allows controlled sag in such a way as to dose the force acting on the shoulders during the belt restraining action in case of front crash.

GENERAL INSTRUCTIONS FOR THE USE OF THE SEAT BELTS

The driver must comply with (and have the car occupants follow) all the local law regulations concerning the use of seat belts.

Always fasten the seat belts before starting.



WARNING

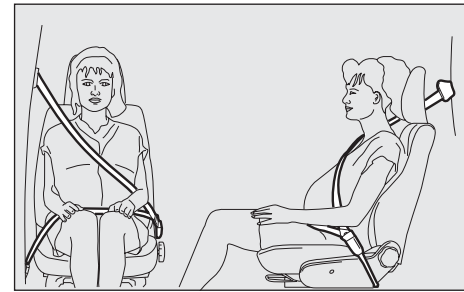
For maximum safety, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and hips. Make sure that the seat belts of the front and rear passengers are fastened at all times! You increase the risk of serious injury or death in a collision if you travel with the belts unfastened.



WARNING

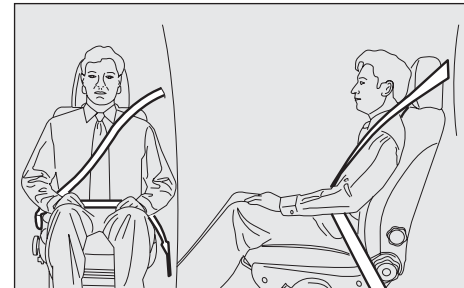
Under no circumstances should the components of the seat belts and pretensioners be tampered with or removed. Any operation should be carried out by qualified and authorised personnel. Always contact a Fiat Dealership.

Seat belts are also to be worn by expectant mothers: the risk of injury in the case of accident is greatly reduced for them and the unborn child if they are wearing a seat belt. Of course they must position the lower part of the belt very low down so that it passes under the abdomen.



F0E0030m

IMPORTANT The belt should not be twisted, make sure that it is taut and adheres to the passenger's body. The upper part should pass over the shoulder and cross the chest diagonally. The lower part should adhere to the pelvis and to the abdomen of the passenger. Do not use any objects (pegs, stoppers, etc.) to keep the belts away from the body.



F0E0028m

IMPORTANT Never travel with a child sitting on the passenger's lap with a single belt to protect them both. Do not fasten other objects to the body.



F0E0029m

HOW TO KEEP THE SEAT BELTS ALWAYS IN EFFICIENT CONDITIONS

- Always use the belt with the tape taut and never twisted; make sure that it is free to run without impediments.
- After a serious accident, replace the belt being worn at that time, even if it does not appear damaged. Always replace the seat belts if pretensioners have been activated.
- To clean the belts, wash by hand with neutral soap, rinse and leave to dry in the shade. Never use strong detergents, bleach or dyes or other chemical substance that might weaken the fibres.
- Prevent the reels from getting wet: their correct operation is only guaranteed if water does not get inside.
- Replace the seat belt when showing significant wear or cut signs.

CARRYING CHILDREN SAFELY

For optimal protection in the event of a crash, all passengers must be seated and wearing adequate restraint systems.

This is even more important for children.

This prescription is compulsory for every country of the European Community, in compliance with 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. Therefore, correct restraint systems are necessary, other than adult seat belts.

The results of research on the best child restraint systems are contained in the European Standard ECE-R44. This Standard enforces the use of restraint systems classified in five groups:

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



WARNING

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.

All restraint devices must bear the certification data, together with the control brand, on a solidly fixed label which must absolutely never be removed.

Over 1.50 m in height, from the point of view of restraint systems, children are considered as adults and wear the seat belts normally.

Lineaccessori Fiat offers seats for each weight group, which are the recommended choice, as they have been designed and experimented specifically for Fiat cars.




WARNING

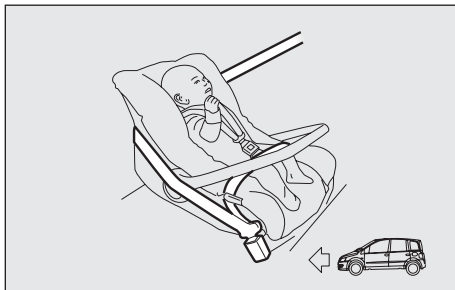
With passenger's air bag active, never place child's seats with the cradle facing backwards since the air bag activation could cause to the child serious injuries, even mortal, regardless of the seriousness of the crash that triggered it. You are advised to carry children always with proper restraint systems on the rear seats, as this is the most protected position in the case of a crash.



WARNING



SERIOUS DANGER *Should it be absolutely necessary to carry a baby on the front passenger seat with a child's seat with the cradle facing backwards, deactivate the passenger's air bags (front and side on the seat, where provided) using the key switch and then check warning light  on the cluster to make sure that deactivation has actually took place (see paragraph "Manual deactivation of passenger's front air bag"). The front passenger's seat shall be adjusted in the most backward position to prevent any contact between child's seat and dashboard.*

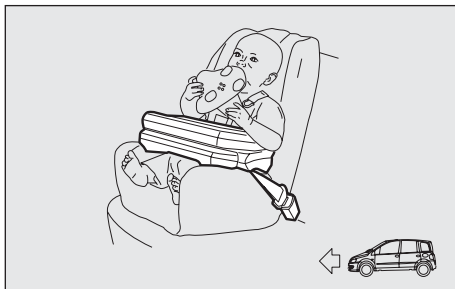


FOE0636m

GROUP 0 and 0+

Babies up to 13 kg must be carried facing backwards on a cradle seat, which, supporting the head, does not induce stress on the neck in the event of sharp deceleration.

The cradle is restrained by the car seat belts, as shown in the figure and in turn it must restrain the child with its own belts.



FOE0637m

GROUP I

Starting from 9 kg to 18 kg in weight, children may be carried facing forwards, with seats fitted with front cushion, through which the car seat belt restrains both child and seat.

**WARNING**

The figure is indicative for assembly only. The seat should be installed following the instructions that must accompany it.

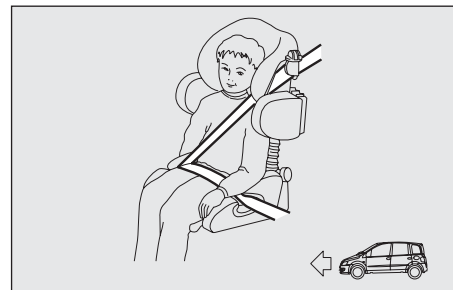
**WARNING**

Seats exist which are suitable for covering weight groups 0 and 1 with a rear connection to the vehicle belts and their own belts to restrain the child. Due to their size, they can be dangerous if installed incorrectly fastened to the car belts with a cushion. Carefully follow the instructions for installation provided with the seat.

GROUP 2

Starting from 15 kg to 25 kg in weight, children may be restrained directly by the car belts.

The only function of the seat is to position the child correctly in relation to the belts, so that the diagonal part adheres to the chest and not to the neck and that the horizontal part clings to the child's pelvis and not the abdomen.



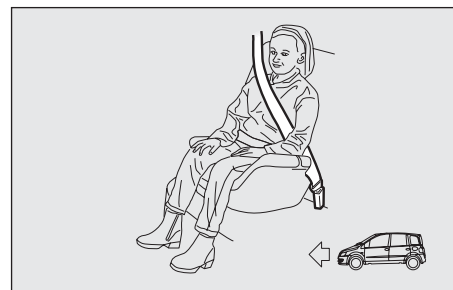
F0E0638m

GROUP 3

For children from 22 kg up to 36 kg the size of the child's chest no longer requires a support to space the child's back from the seat back.

The figure shows proper child seat positioning on the rear seat.

Children taller than 1.50 m can wear seat belts like adults.



F0E0639m



WARNING

The figure is only an example for mounting. Attain to the instructions for fastening which must be enclosed with the specific child restraint system you are using.

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PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON CHILD'S SEAT USE


Fiat Multipla complies with the new European Directive 2000/3/EC regulating child's seat assembling on the different car seats according to the table below.

Key for the table.

U = suitable for child restraint systems of the "Universal" category, according to European Standard ECE-R44 for the specified "Groups"

Group	Range of weight	Front central passenger	Front side passenger	Rear central passenger	Rear side passenger
Group 0, 0+	up to 13 kg	U	U	U	U
Group 1	9 -18 kg	U	U	U	U
Group 2	15 -25 kg	U	U	U	U
Group 3	22 -36 kg	U	U	U	U

To sum up the safety precautions to follow when transporting children:

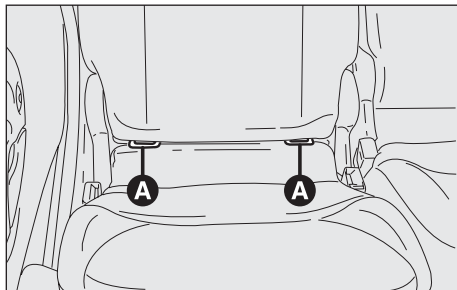
- The recommended position for installing children's seat is on the rear seat, as it is the most protected in the case of a crash.
- If the passenger's air bag is deactivated always check the warning light  on the cluster to make sure that it has actually been deactivated.
- Attain to the instructions for fastening the specific child restraint system which you are using. These instructions must be provided by the manufacturer. Keep the child restraint system installation instructions with the car documents and this Handbook. Never use a child restraint system without installation instructions.

- Always check the seat belt is well fastened by pulling the webbing.
- Only one child is to be strapped to each retaining system.
- Always check the seat belts do not fit around the child's throat.
- While travelling, do not let the child sit incorrectly or release the belts.
- Passengers should never carry children on their laps. No-one, however strong they are, can hold a child in the event of a crash.
- In case of an accident, replace the seat with a new one.



WARNING

With passenger's air bag active, never place child's seats with the cradle facing backwards since the air bag activation could cause to the child serious injuries, even mortal, regardless of the seriousness of the crash that triggered it. You are advised to carry children always with proper restraint systems on the rear seats, as this is the most protected position in the case of a crash.



PRESETTING FOR MOUNTING THE “ISOFIX TYPE” CHILD RESTRAINT SYSTEM

Fiat Multipla is created preset for mounting the Isofix type child restraint system, a new European standardised system for mounting child restraints. Isofix type child restraint system is an additional option that does not prevent from using traditional child restraint systems.

Isofix type child restraint system covers three groups: 0, 0+ and I.

Due to its different anchoring system, the Isofix type child's seat shall be anchored just using the proper metal brackets set between rear seat back and cushion, which can be identified by the slots (A).

It is possible to mount both the traditional restraint system and the Isofix type one. Max. two Isofix type child's seats can be installed on the rear seat using the proper couplings. On the front passenger's seat only traditional child's seats can be mounted.

Only adopt Isofix type child's seats designed, tested and approved for Fiat Multipla.



WARNING

Mount the child restraint system only with the car stationary. The Isofix type child restraint system is properly anchored to the mounting brackets when clicks are heard. In any case, keep to the installation instructions that must be provided by the child restraint system's Manufacturer.

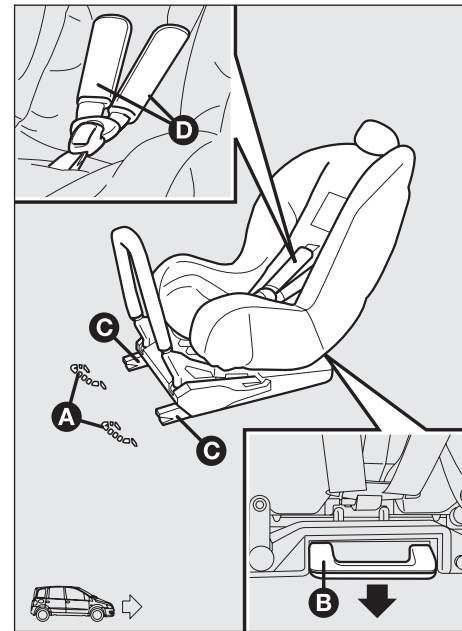
FITTING THE ISOFIX TYPE CHILD'S SEAT

Groups 0 and 0+

For children of the 0, 0+ weight group (babies up to 13 kg), the child's seat is facing backwards and the child is restrained by the child's seat belts (D).

For proper mounting proceed as follows:

- move the seat where you want to install the child's seat completely forward and set the front seat with the back in touch with the child's seat profile;
- check whether the release lever (B) is at rest position (inward);
- find the presetting brackets (A), then position the child restraint system with the fastening devices (C) aligned with the brackets;
- push the child restraint system until hearing locking clicks;
- check proper locking by moving the child's seat with force: the built-in safety mechanism actually inhibits improper coupling with only one coupling locked.



FOE0640m

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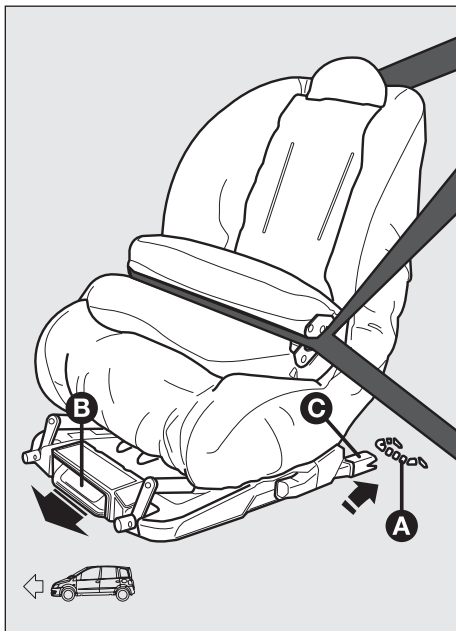
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FOE0641m

Group I

As the child grows, passing to weight group I (9-18 kg), refit the child's seat facing forwards following the installation instructions.

For proper mounting proceed as follows:

- move the seat where you want to install the child's seat completely backwards;
- check whether the release lever (B) is at rest position (inward);
- find the presetting brackets (A), then position the child restraint system with the fastening devices (C) aligned with the brackets;
- push the child restraint system until hearing locking clicks;
- check proper locking by moving the child's seat with force: the built-in safety mechanism actually inhibits improper coupling with only one coupling locked.

With this configuration, the child is secured also by the car seat belts and by the upper belts. To apply car seat belts to child's seat refer to the child's seat handbook.

Adjust the front seat position moving it to half forward position.

FRONT AIR BAGS

The car is fitted with front airbags for driver and passenger and front side airbags (side bag/window bag as optional).

FRONT AIRBAGS

Front airbags (driver and passenger) 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.

Front airbags are designed to protect car's occupants in front crashes and therefore non-activation in other types of collisions (side collisions, rear shunts, roll-overs, etc.) is not a system malfunction.

In case of crash, an electronic control unit, when required, triggers the inflation of the cushion according to the severity of the collision.

The cushion immediately inflates, placing itself as a protection between the body of the front occupants and the structure that could cause injuries. Immediately after, the cushion deflates.

The front airbag (driver and passenger) is not a replacement of but complementary to the use of belts, which should always be worn, as specified by law in Europe and most non-European countries.

In case of crash, a person not wearing the seat belt moves forward and may come into contact with the cushion while it is still inflating. Under this circumstance the protection offered by the airbag is reduced.

Front airbags may not activate in the following situations:

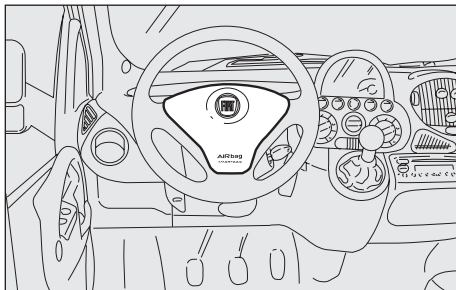
- in collisions against highly deformable objects not affecting the vehicle front surface (e.g. bumper collision against guard rail);
- car wedging under other vehicles or protective barriers (for example under a truck or guard rail);

as it offers no additional protection compared with the seat belts, consequently, it would be pointless. Therefore, failure to come into action in the above circumstances does not mean that the system is not working properly.



WARNING

Do not apply stickers or other objects to the steering wheel or to the airbag cover on the passenger's side or on the side roof lining. Never apply objects on the dashboard on passenger side since they could interfere with proper passenger's airbag inflation or cause injuries.



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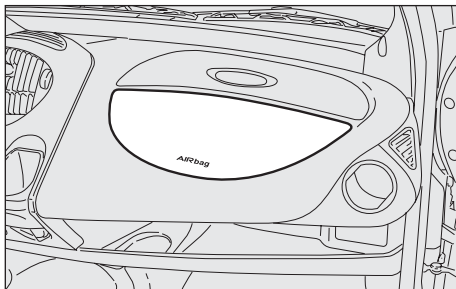
Driver's and passenger's airbags have been designed and calibrated to improve the protection of a person wearing seat belts.

At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

In minor front crashes (for which the restraining action of the seat belts is sufficient), the airbags will not deploy. Also in this case it is of vital importance to wear the seat belts since in case of front crash they guarantee proper positioning of the car occupant.

DRIVER'S FRONT AIRBAG

It consists of an instant-inflating cushion contained in a special recess in the centre of the steering wheel.



FOE0222m

PASSENGER'S FRONT AIRBAG

It consists of an instant-inflating cushion contained in a special recess in the dashboard; its volume is bigger than the driver's one.



WARNING



SERIOUS DANGER: *The car is fitted with airbag on passenger's side. Never place cradle child's seats on the front passenger seat of cars fitted with passenger's airbag since the airbag activation could cause serious injuries, even mortal. In the case of need, always deactivate the passenger's airbag when a child's seat is placed on the front seat. The front passenger seat shall be adjusted in the most backward position to prevent any contact between child's seat and dashboard. Even if not compulsory by law, you are recommended to reactivate the airbag immediately as soon as child transport is no longer necessary.*

MANUAL DEACTIVATION OF PASSENGER'S FRONT AIRBAG



Should it be absolutely necessary to carry a child on the front seat, the passenger's airbag on the car can be deactivated.


Deactivation/reactivation takes place with ignition key at STOP and operating it in the special key switch set in dashboard box on driver's side.

The key can be inserted and removed in both positions.

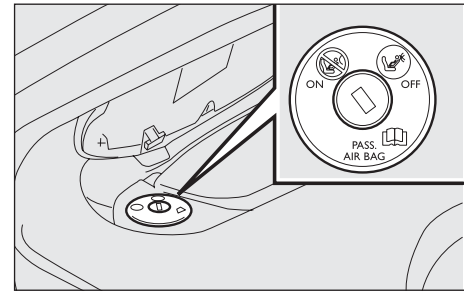
IMPORTANT Operate the switch only when the engine is not running and the ignition key is removed.

The key-operated switch has two positions:

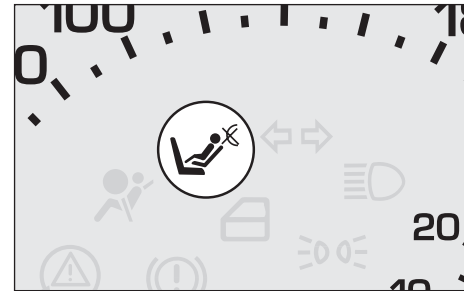
- passenger's front airbag activated (ON position  on instrument cluster off; it is absolutely prohibited to carry a child on the front seat.
- passenger's front airbag deactivated (OFF position  on instrument cluster on; it is possible to carry a child protected by special restraint system on the front seat.

Warning light  on the cluster stays on permanently until the passenger's airbag is reactivated.

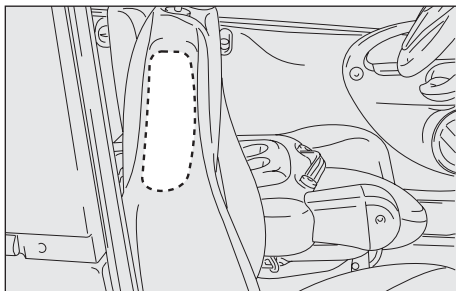
Deactivation of the passenger's front airbag does not inhibit operation of the side airbag.



FOE0105m



FOE0642m



FOE0223m

SIDE AIR BAGS (Side bag/Window bag) (where provided)

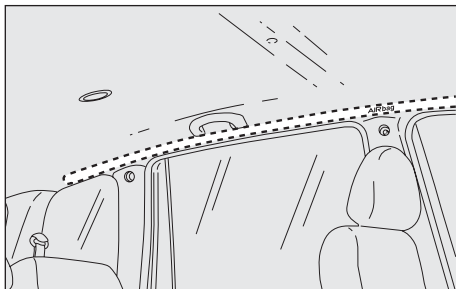
SIDE BAG

It consists of an instant-inflation cushion housed in the back rest of the front seat to increase protection of the occupants' chest in the event of a side crash of medium-high severity.

WINDOW BAGS

Window bags are “curtain” cushions located behind the side coverings of the roof and covered by proper finishing such to allow the cushion unfolding downwards; this solution, studied for the head protection, allows offering the best protection to the front and rear occupants in the event of side crash, thanks to the wide cushion inflation surface.

IMPORTANT In the event of side crash, you can obtain the best protection by the system keeping a correct position on the seat, allowing thus correct window bag unfolding.



FOE0224m

IMPORTANT The front airbags and/or side bags may be deployed if the car is subject to heavy knocks or accidents involving the underbody area, such as for example violent shocks against steps, kerbs or obstacles, falling of the car in big holes or sags in the road.

IMPORTANT When the airbag inflates it emits a small amount of dusts. These dusts are harmless and is not the beginning of a fire; then the unfold cushion surface and the car interiors can be covered by a dusty remains: this dust can irritate skin and eyes. In case of contact, wash yourself using neutral soap and water.

IMPORTANT Should an accident occur in which any of the safety devices is activated, take the car to a Fiat Dealership to have the devices activated replaced and to have the system checked.

All control, check, repair and replacement operations concerning the airbags must be carried out c/o Fiat Dealership only.

If you are having the car scrapped, have the airbag system deactivated at a Fiat Dealership first. If the car changes ownership, the new owner must be informed of the method of use of airbags and the above warnings and also be given this "Owner Handbook".

IMPORTANT The triggering of pretensioners, front airbags and side bags is decided in a differentiated manner by the electronic control unit, depending on the type of crash. The failure to deploy one or more of them does not mean that the system is not working properly.



WARNING

Expiration dates of pyrotechnic charge and coil contact are indicated on the label inside the lower oddment compartment. As these dates approach, contact Fiat Dealership to have them replaced.



WARNING

Never rest head, arms and elbows on the door, on the windows and in the windowbag area to prevent possible injuries during the inflation phase.




WARNING

Never lean head, arms and elbows out of window.

GENERAL WARNINGS



WARNING

If when turning the ignition key to MAR, the warning light  does not turn on or if it stays on when travelling there could be a failure in safety systems; in this event air bags or pretensioners could not trigger in case of impact or, in a minor number of cases, they could trigger accidentally. Contact Fiat Dealership immediately to have the system checked.



WARNING

Do not cover the backrest of front seats with trims or covers that are not suitable to be used with side bags.



WARNING

Never travel with objects on your lap, in front of your chest or with a pipe, pencil, etc. between your lips; injury may result in the event of the air bag being triggered.



WARNING

Always keep your hands on the steering wheel rim when driving, so that if the air bag is triggered, it can inflate without meeting any obstacles which could cause serious harm to you. Do not drive with the body bent forwards, keep the seat back rest in the erect position and lean your back well against it.




WARNING

If the car has been stolen or an attempt to steal it has been made, if it has been subjected to vandals or floods, have the air bag system checked by Fiat Dealership.

**WARNING**

Remember that with the key engaged and at MAR, even if the engine is not running, the air bags may be triggered on a stationary car if it is bumped by another moving car. Therefore, never seat children on the front seat even when the car is stationary. On the other hand remember that if the key is at STOP, no safety system (air bags or pretensioners) is triggered in the event of an impact; in this case, failure to come into action cannot be considered as a sign that the system is not working properly.

**WARNING**

When the ignition key is turned to MAR, the warning light  (with passenger's front air bag deactivation switch at ON) turns on and flashes for few seconds to remind that passenger's air bag will be deployed in a crash, after which it should go off.

**WARNING**

Never wash seat backrests with pressurised water or steam (by hand or at automatic seat washing stations).

**WARNING**

The front air bag is triggered for shocks greater in magnitude than the pretensioners. For impacts between these two thresholds, it is therefore normal that only the pretensioners are triggered.

**WARNING**

Do not hook rigid objects to the coat hooks and to the support handles.

**WARNING**

The air bag does not substitute the seat belts, but only increases their effectiveness. Moreover, since the front air bags do not come into operation in the event of front impact at low speed, side collisions, bumps from behind or overturning, in these circumstances the occupants would only be protected by the seat belts which must therefore always be fastened.

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ENGINE STARTING

The car is fitted with an electronic engine lock device. If the engine fails to start, see paragraph “Fiat CODE system” in section “Dashboard and controls”.

During the initial seconds after the engine has been started, above all after the vehicle has not been driven for a while, the engine may be slightly noisier than usual.

This characteristic feature of the hydraulic tappet system does not compromise functionality or reliability. The system devised for Fiat Multipla was designed to limit servicing.

STARTING PROCEDURE FOR PETROL VERSIONS

IMPORTANT Do not press the accelerator before the engine is started.

- Ensure that the handbrake is up.
- Put the gear lever into 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.

If the engine does not start at the first attempt, return the ignition key to STOP before repeating starting.



We recommend that during the initial period you do not drive to full vehicle performance (e.g.: excessive acceleration, long journeys at top speed, sharp braking, etc.).





When the engine is switched off never leave the ignition key in the MAR position to prevent pointless current absorption from draining the battery.



WARNING

Running the engine in confined areas is extremely dangerous. The engine consumes oxygen and produces carbon monoxide which is a highly toxic and lethal gas.






If, when the ignition key is at MAR, warning light  remains lit together with warning light , turn the key to STOP and then back to MAR; if the warning light remains on, try with the other keys provided with the car.

If you are still unable to start the engine, perform the emergency start-up procedure (see “Emergency start-up” in section “In an emergency”) and contact Fiat Dealership.

IMPORTANT Never leave the ignition key at MAR when the engine is off.


STARTING PROCEDURE FOR DIESEL VERSIONS

IMPORTANT When starting up, the accelerator pedal must be completely released.


- Ensure that the handbrake is up.
- Put the gear lever into neutral.
- Turn the ignition key to MAR. The warning lights  and  will light up on the instrument panel.
- Wait for the warning lights  and  to go out. The hotter the engine is, the quicker this will happen.
- Press the clutch pedal down to the floor.
- Turn the ignition key to AVV as soon as warning light  goes out. If you wait too long you will lose the benefit of the work done by the glow plugs.

Release the key as soon as the engine starts.



The warning light  will flash for 60 seconds at start-up or during prolonged cranking to signal a fault in the glow plug heating system. You can use the car as usual if the engine starts but you should contact a Fiat Dealership as soon as possible.

If the engine does not start at the first attempt, return the ignition key to STOP before trying to start the engine again.

If, when the ignition key is at MAR, warning light  remains lit, turn the key to STOP and then back to MAR; if the warning light remains on, try with the other keys provided with the car.

If you still cannot start the engine, contact Fiat Dealership.

IMPORTANT When the outside temperature is very low, the use of a fluid oil facilitates cold starting. During winter it is therefore recommended to observe the specifications contained in section “Technical specifications” at paragraph “Fluids and lubricants”.


IMPORTANT Never leave the ignition key at MAR when the engine is off.

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED (petrol and diesel versions)

Proceed as follows:

- drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly.
- do not drive at full performance for the initial kilometres.

EMERGENCY START-UP

If the Fiat CODE system fails to recognise the code transmitted by the ignition key (warning light  on instrument panel lit with fixed light) you can start the engine by following the emergency procedure using the code written on the CODE card.

See section “In an emergency”.



Never bump start the engine by pushing, towing or coasting downhill as this could cause fuel to flow into the catalytic exhaust system and damage it beyond repair.



WARNING

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

STOPPING THE ENGINE

Turn the ignition to STOP while the engine is idling.

IMPORTANT After a taxing drive, you should allow the engine to “catch its breath” before turning it off by letting it idle to allow the temperature in the engine compartment to fall.

PARKING

Proceed as follows:

- stop the engine and engage the handbrake;
- engage a gear (first if the car is faced uphill or reverse if it is faced downhill) and leave the wheels steered.

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

Do not leave the ignition key at MAR to prevent draining the battery. Always remove the key when you leave the car.

Never leave children unattended in the car. Always remove the ignition key when leaving the car and take it out with you.



A quick burst on the accelerator before turning off the engine does not serve any practical purpose at all. It wastes fuel and is damaging, particularly to turbo-charged engines.

HANDBRAKE

The handbrake lever is located on the left of the front seat.

Pull the handbrake lever upwards until the car cannot be moved. Four or five clicks are generally enough when the car is on level ground while nine or ten may be required if the car is on a steep slope or laden.

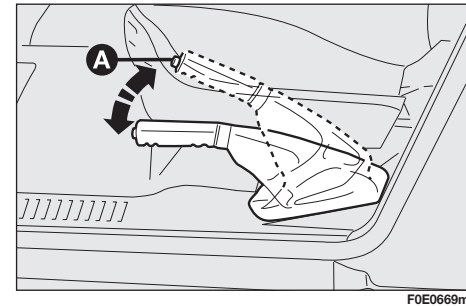
IMPORTANT If this is not the case, contact Fiat Dealership to have the handbrake adjusted.

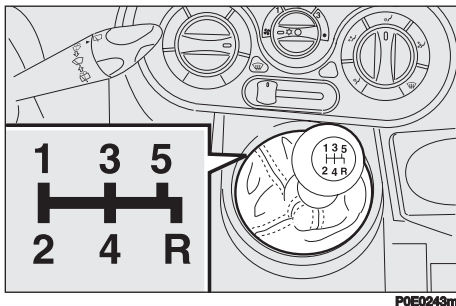
When the handbrake lever is pulled up and the ignition key is at MAR the instrument panel warning light (⚠) will come on.

To release the handbrake:

- Slightly lift the handbrake and press release button (A).
- Keep button pressed in and lower the lever. Warning light (⚠) will go out.

Press the brake pedal when carrying out this operation to prevent the car from moving accidentally.





POE0243m

USING THE MANUAL GEARBOX

To engage gears, press down the clutch and shift the gear lever into one of the positions shown (the diagram is also shown on the gear lever knob).

To engage reverse (R), wait until the car has stopped and, from neutral move the gear lever to the right and back.

IMPORTANT The car can only be put into reverse gear when it has stopped moving completely. With the engine running, before engaging the reverse, wait at least 2 seconds with the clutch pedal fully down to prevent damaging and grating the gears.



WARNING

To change gears properly you must push the clutch pedal fully down. It is therefore essential that there is nothing under the pedals: make sure mats are lying flat and do not get in the way of the pedals.



Do not drive with your hand resting on the gear lever as the force exerted, even if slight, could lead over time to premature wear on the gearbox internal components.

CONTAINING RUNNING COSTS

Here are some suggestions which may help you to keep the running costs of your car down 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 “Service schedule”.

Tyres

Check the pressure of the tyres routinely at an interval of no more than 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with too much luggage stowed in the boot. The weight of the car (especially when driving in town) and its trim greatly affects consumption and stability.

Roof rack/ski rack

Remove the roof rack or the ski rack from the roof as soon as they are no longer used. These accessories lower air penetration and adversely affect consumption levels. When needing to carry particularly voluminous objects, preferably use a trailer.

Electric devices

Use electric devices only for the amount of time needed. Rear heated window, additional headlights, windscreen wipers and heater fan need a considerable amount of energy, therefore increasing the requirement of current increases fuel consumption (up to +25% in the urban cycle).

Climate control

The air conditioner is an additional load which greatly affects the engine leading to higher consumption (on average up to +20%). When the temperature outside the vehicle permits it, use the air vents where possible.

Aerodynamic accessories

The use of non-certified aerodynamic items may adversely affect air drag and consumption levels.

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DRIVING STYLE

Starting

Do not warm the engine with the car at a standstill or at idle or high speed: under these conditions the engine warms up much more slowly, increasing electrical consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high speeds. This way the engine will warm faster.

Unnecessary actions

Avoid accelerating when waiting at traffic lights or before switching off the engine. This and also double declutching is absolutely pointless on modern cars and also increase consumption and pollution.

Gear selection

As soon as the conditions of the traffic and road allow, use a higher gear. Using a low gear to obtain brilliant performance increases consumption.

In the same way improper use of a high gear increases consumption, emissions and engine wear.

Top speed

Fuel consumption considerably increases with speed. Keep speed as constant as possible and avoid superfluous braking and accelerating, which cost in terms of both fuel and emissions.

Acceleration

Accelerating violently increasing the revs will greatly affect consumption and emissions: acceleration should be gradual and should not exceed the maximum torque.

CONDITIONS OF USE

Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature. This results in a significant increase in consumption levels (from +15 to +30% on the urban cycle) and emission of harmful substances.

Traffic situations and road conditions

Rather high consumption levels are tied to situations with heavy traffic, for example in queues with frequent use of the lower gears or in cities with many traffic lights. Also winding mountain roads and rough road surfaces adversely affect consumption.

Traffic hold-ups

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

TOWING TRAILERS

IMPORTANT NOTES

For towing caravans or trailers the car must be fitted with a certified tow hook and an adequate electric system. Installation should be carried out by specialised personnel who release a special document for circulation on the road.

Install any specific and/or additional rear-view mirrors in accordance with the Highway Code.

Remember that when towing a trailer, steep hills are harder to climb, the braking spaces 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 the trailer exerts on the car tow hook reduces by the same amount the actual vehicle loading capacity.

To make sure the maximum towable weight is not exceeded, account should be taken of the fully laden trailer, including accessories and personal belongings.

Do not exceed the speed limits of the country you are driving in. In any case do not exceed 100 km/h.



WARNING

The ABS system with which the car may be fitted does not control the trailer braking system.



WARNING

Under no circumstances should the vehicle brake system be altered to control the trailer brake. The trailer braking system must be fully independent of the vehicle's hydraulic system.

INSTALLING THE TOW HOOK

The towing device should be fastened to the body by specialised personnel according to any additional and/or integrative information supplied by the Manufacturer of the device.

Have installation carried out at Fiat Dealership.

The towing device must meet current regulations with reference to 94/20/EC Directive and subsequent amendments.

For any version the towing device used must match the towable weight of the car on which it is to be installed.

For the electric connection a unified connector should be used which is generally placed on a special bracket normally fastened to the towing device, and a special ECU for external trailer light control shall be installed on the car.

When fitting the trailer, parking sensors are deactivated.

For the electrical connection, a 7 pin 12VDC connection is to be used (CUNA/UNI and ISO/DIN Standards). Follow the instructions provided by the car manufacturer and/or the tow hitch manufacturer.

An electric brake should be supplied directly by the battery through a cable with a cross section of no less than 2.5 mm².

IMPORTANT Electric brake or other device shall be used with running engine.

In addition to the electrical branches, the car's electric system can only be connected to the supply cable for an electric brake and to the cable for an internal light, though not above 15W.

For connections, use the preset control unit with battery cable no less than 2.5 mm².

The two hitches are shown on the following pages.

ASSEMBLY DIAGRAM

The tow hook structure must be fastened in the points shown by the symbol (⊕) using 6 M8 screws and 6 M10 screws.

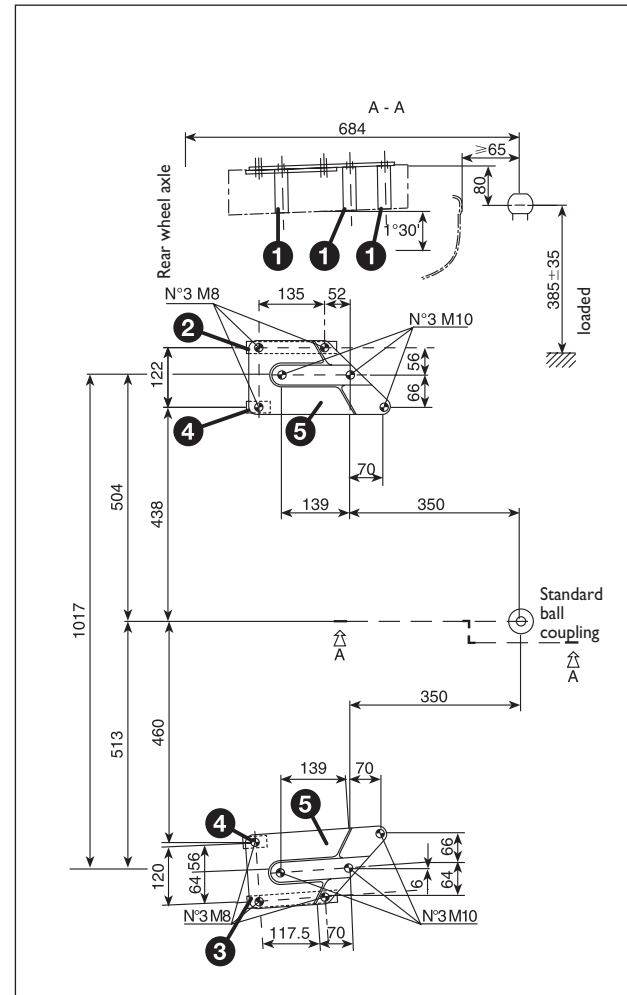
Anchorage points 1 are to be fitted with spacers $\varnothing 25 \times 6$ mm.

The internal plates 5 shall have a minimum thickness of 5 mm, the external plates 2, 3 and 4 shall have a minimum thickness of 5 mm.

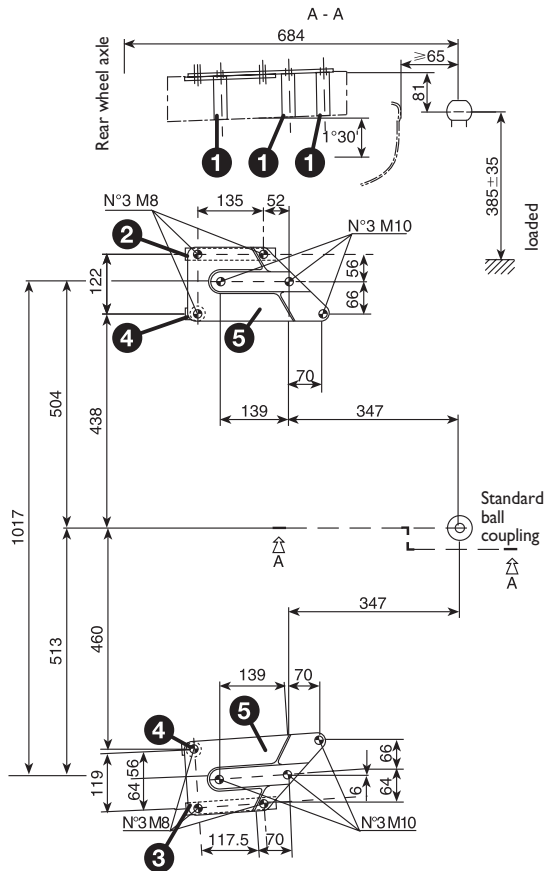
The person installing the tow hook must attach, at the same height as the ball, a plate (well in sight) of suitable size and material, on which is written:

MAXIMUM LOAD ON BALL: 70 kg.

After fitting, screw holes shall be sealed to prevent exhaust gas inlet.



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ASSEMBLY DIAGRAM

The tow hook structure must be fastened in the points shown by the symbol (⚙) using 6 M8 screws and 6 M10 screws.

Anchorage points 1 are to be fitted with spacers $\varnothing 21 \times 4$ mm.

The internal plates 5 shall have a minimum thickness of 5 mm, the external plates 2 and 3 shall have a minimum thickness of 5 mm; outer washer 4 must be at least 2 mm thick.

The person installing the tow hook must attach, at the same height as the ball, a plate (well in sight) of suitable size and material, on which is written:

MAXIMUM LOAD ON BALL: 70 kg.

After fitting, screw holes shall be sealed to prevent exhaust gas inlet.

SNOW TYRES

These tyres have been specially designed for driving on snow or ice, to be fitted in place of the standard tyres.

Use snow tyres of the same size as the standard tyres provided with the car.

Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type of tyre to be used, inflation pressures and the specifications of snow tyres, follow the instructions given in paragraph "Wheels" in section "Technical specifications".

The winter features of these tyres are reduced considerably when the tread depth is below 4 mm. In this case, they should be replaced.

Due to the snow tyre features, under normal conditions of use or on long motorway journeys, the performance of these tyres is lower than that of standard tyres.

It is therefore necessary to limit their use to the purposes for which they are certified.

IMPORTANT When snow tyres are used with a max speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger compartment, plainly in the driver's view which states the max permissible speed of the snow tyres (as per EC Directive).

All four tyres should be the same (brand and track) to ensure greater safety when driving and braking and better driveability.

Remember that it is inappropriate to change the direction of rotation of tyres.



WARNING

The max speed for snow tyres with "Q" marking is 160 km/h. The Road Traffic Code speed limits must however be always strictly observed.

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SNOW CHAINS

Use of snow chains should be in compliance with local regulations.

Snow chains should only be applied to the driving wheels (front wheels).

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

IMPORTANT Snow chains cannot be fitted to the space-saver spare wheel. So, if a front (drive) wheel is punctured and chains are needed, a rear wheel should be fitted to the front of the vehicle and the spare wheel should be fitted to the rear. This way with two normal drive wheels, snow chains can be fitted to them to solve an emergency.

Tyres on which chains can be fitted:

- 185/65 R 15 88H
- 195/60 R 15 88H

Use slow profile snow chains with maximum height off the tyre of 10 mm.



Keep your speed down when snow chains are fitted. Do not exceed 50 Km/h. Avoid potholes, steps and pavements and avoid also to drive for long distances on roads not covered with snow to prevent damaging the car and the roadbed.

STORING THE CAR

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

- Park the car in covered, dry and if possible well-ventilated premises.
- Engage a gear.
- Check that the handbrake is not engaged.
- Disconnect battery terminals (first disconnect the negative terminal) and check the battery charge. This check is to be repeated every month, recharge if battery charge falls below 12.5V.

IMPORTANT Where relevant, switch off the electronic car alarm with the remote control.

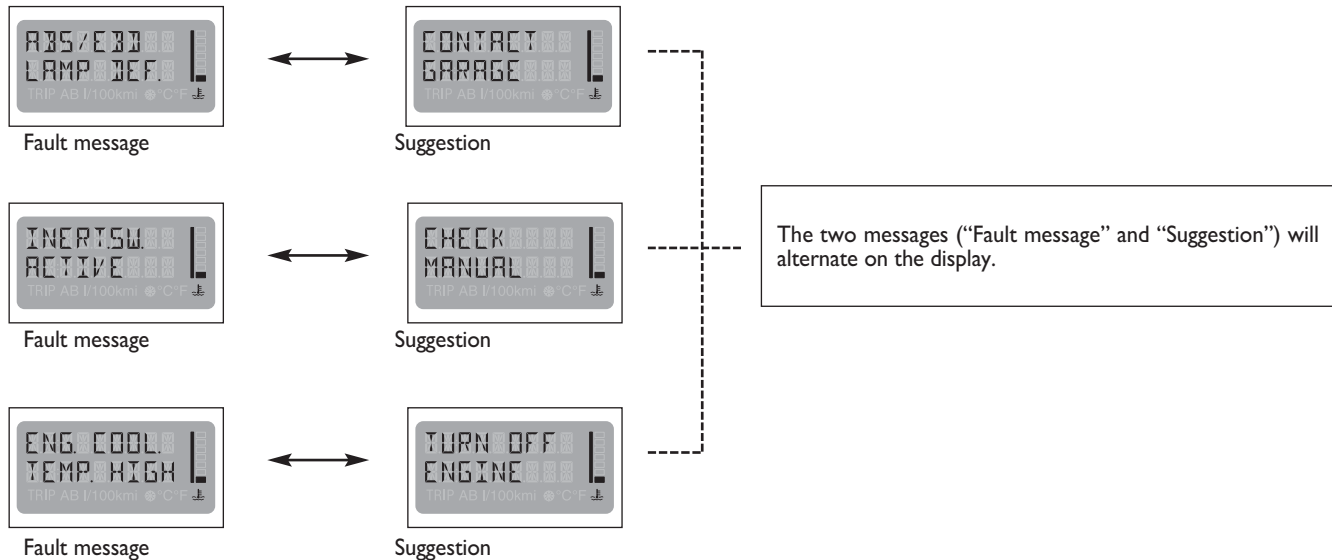
- Clean and protect the painted parts using protective wax.
- Clean and protect the shiny metal parts using special compounds readily available.
- Sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass.
- Slightly open the windows.
- Cover the car with a cloth or perforated plastic sheet. Do not use sheets of non-perforated plastic as they do not allow moisture on the car body to evaporate.
- Inflate tyres to +0.5 bar above the normal specified pressure and check it at intervals.
- Do not drain the engine cooling system.

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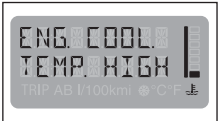


GENERAL INFORMATION

The fault messages appearing on the multifunction display when the respective panel warning light comes on are accompanied by specific suggestions (example: “contact garage”, “turn off engine”, “check manual”, etc...). These suggestions are short and cautionary. The purpose is to suggest the prompt action to be taken by the driver when a fault occurs. Suggestions are neither comprehensive nor alternative to the specifications contained in this Owner Handbook, which you should read very carefully. If a fault is reported, always refer to the instructions given in this section. The following illustrations are only examples of what can be displayed:



IMPORTANT The presence of warning lights may vary according to the engine version and fittings.

The warning lights come on in the following circumstances:

Warning light on panel	Message on display	
		<p>ENGINE COOLANT TOO HOT (red)</p> <p>Turning the key to MAR the warning light on the dial turns on, but it should go off after about 4 seconds.</p> <p>The warning light turns on together with the message when the engine is overheated. If the warning light comes on while the car is moving, stop the car and keep the engine running. Accelerate slightly to favour a better circulation of coolant. If the warning light does not go out in the following two or three minutes, stop the engine and contact a Fiat Dealership.</p>
		<p>LOW BRAKE FLUID LEVEL AND/OR HANDBRAKE ENGAGED (red)</p> <p>Turning the ignition key to MAR the warning light on the dial turns on, but it should go off after about 4 seconds. The warning light turns on together with the message when the level of the brake fluid in the reservoir falls below the minimum level, due to possible leak in the circuit and when the handbrake is engaged.</p>



WARNING

If the warning light (⚠) turns on when travelling, check that the handbrake is not engaged. If the warning light stays on with the message and the handbrake is not applied, stop immediately and contact Fiat Dealership.

Warning light on panel

Message on display



BATTERY NOT RECHARGING PROPERLY (red)

Turning the key to MAR the warning light on the dial turns on, but it should go out as soon as the engine is started.

If the warning light stays on together with the message, contact a Fiat Dealership as soon as possible to prevent draining the battery.



SEAT BELTS NOT FASTENED (red) (Only for right-hand drive versions)

The warning light on the dial turns on glowing steadily when, with ignition key at MAR, the driver's seat belt is not fastened correctly.




AIRBAG FAILURE (red)

Turning the ignition key to MAR the warning light on the dial turns on, but it should go off after about 4 seconds. The warning light will stay on to indicate an airbag failure.





WARNING

If when turning the ignition key to MAR, the warning light  does not turn on or if it stays on when travelling there could be a failure in safety systems; in this event air bags or pretensioners could not trigger in case of impact or, in a minor number of cases, they could trigger accidentally. Contact Fiat Dealership immediately to have the system checked.



WARNING

The failure of the warning light  (warning light off) is also indicated by the flashing for more than the normal 4 seconds of the passenger's front airbag deactivated warning light .

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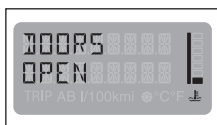
WARNING LIGHTS AND MESSAGES

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Warning
light on panelMessage
on display**DOORS OPEN (red)**

The warning light on the dial turns on together with the message when a door or the tailgate are not properly shut.

**FRONT BRAKES PADS WEAR (red)**

The warning light on the dial turns on together with the message when pressing the brake pedal if front brake pads are worn; in this case have them changed as soon as possible.


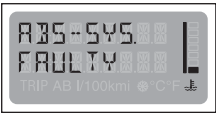






IMPORTANT Since the car is fitted with wear sensors for the front brake pads, when changing them, check also the rear brake pads.

**LOW ENGINE OIL PRESSURE (red)**

Turning the key to MAR the warning light on the dial turns on, but it should go out as soon as the engine is started.


**WARNING**

If  warning light stays on glowing steadily together with the message, stop the engine immediately and contact a Fiat Dealership.

Warning light on panel	Message on display	
		<p>ABS (WHEEL ANTI-LOCKING SYSTEM) FAILURE (red)</p> <p>Turning the key to MAR the warning light on the dial turns on, but it should go off after about 4 seconds.</p> <p>The warning light turns on together with the message when the system is inefficient. In this case the braking system keeps its effectiveness unchanged, but without the potential offered by the ABS system. Caution is advisable, particularly in all cases of less than perfect grip. It is therefore necessary to contact Fiat Dealership.</p>
		<p>ELECTRONIC BRAKEFORCE DISTRIBUTOR (EBD) FAILURE</p> <p>The car is fitted with an electronic brakeforce distributor (EBD). Warning lights  and  and the message at the same time, with the engine running, indicate a failure concerning the EBD system. In this case violent braking may be accompanied by early rear wheel locking with the possibility of skidding. Drive the car extremely carefully to the nearest Fiat Dealership to have the system checked.</p>
		<p>ESP SYSTEM (ELECTRONIC STABILITY PROGRAM) (where provided) (amber)</p> <p>Turning the ignition key to MAR, the warning light on the dial comes on but shall go off after few seconds.</p> <p>If the warning light does not go off or stays on when travelling, contact Fiat Dealership. Warning light flashing when driving indicates that the ESP system is active.</p>



WARNING

Warning light  turning on together with the message when the engine is running, normally indicates a failure concerning the ABS only. In this case the braking system is still efficient, though without the anti-locking device. Under these conditions, performance of the EBD system may be reduced. Also in this case, you are advised to go immediately to the nearest Fiat Dealership, driving in such a way to avoid sharp braking to have the system checked.

**Warning
light on panel**

**Message
on display**



EOBD / INJECTION SYSTEM FAILURE (amber)

In normal conditions, turning the ignition key to MAR, the warning light turns on, but it should go off when the engine has started.

The warning light stays on or turns on when travelling to indicate injection system malfunctioning; in particular the warning light turns on glowing steadily to indicate a fault in the supply/ignition system which could cause high emissions at the exhaust, possible lack of performance, poor handling and high consumption levels.

On certain versions the dedicated message is displayed.

In these conditions it is possible to continue driving without however requiring heavy effort or high speed from the engine. Prolonged use of the car with the warning light on may cause damages. Contact Fiat Dealership as soon as possible.



The warning light goes off if the fault disappears, the system will in any case store the fault.

NOTE (valid for petrol versions only)

The warning light turns on flashing to indicate a possible damage to the catalyst.

If the warning light flashes, it is necessary to 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 Fiat Dealership as soon as possible.



If, turning the ignition key to MAR, the warning light  does not turn on or if it turns on glowing steadily or flashing when travelling (on certain versions together with the dedicated message on the display), contact Fiat Dealership as soon as possible. Warning light  operation can be checked by traffic agents by proper equipment therefore, comply with laws and regulations in force in the country where you are driving.

Warning light on panel

Message on display



CODE



FIAT CODE (amber)

The warning light will come on in three cases (with the key at MAR):

1. One flash - the key code has been recognised. The engine can be started.
2. Fixed light together with the message on the display - the key code has not been recognised. Follow the emergency procedure to start the engine (see "In an emergency").
3. Flashing - indicates that the car is not protected. The engine can however be started.



POSSIBLE ICE ON ROAD

In versions with climate control system, this message will appear on the display along with the symbol ❄️ and the buzzer will sound when the outside temperature either reaches or is under 3°C to inform you that the road could be icy.



FUEL CUT-OFF SWITCH (INERTIAL SWITCH)

The message will appear on the display when the switch trips. INERT.SW ACTIVE is the only message which cannot be cleared by pressing a button. This message will stay on the display until resetting the switch.



WARNING

If, after the message appears, you can smell petrol or see that the fuel feed system is leaking, to avoid the risk of fire, do not reset the switch.

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Warning light on panel

Message on display



(warning light flashing)

EXHAUST OIL (JTD versions) (red)

The warning light will turn on flashing when the system detects that the engine oil is exhausted. After the first indication, at each engine starting the warning light  will go on flashing.



If warning light  flashes, contact immediately Fiat Dealership to have oil changed and instrument panel warning light turned off.

Warning
light on panel

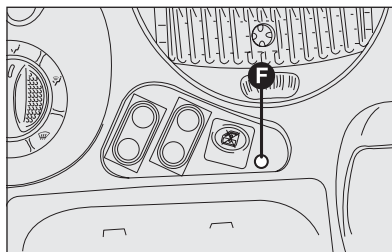
Message
on display



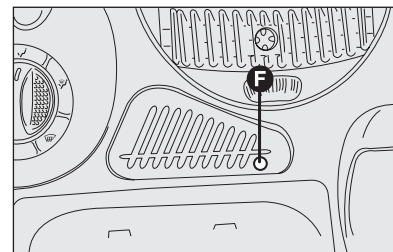
DIESEL PARTICULATE FILTER CLOGGED (JTD versions) (amber)

The warning light turns on when the diesel particulate filter is clogged and the driving conditions do not enable to activate automatically the reclaiming procedure.

To enable the cleaning procedure, keep the car running until the warning light turns off.



F0E0603m



F0E0602m



If led (F) continues to stay on, it means that the cleaning procedure cannot be performed; contact Fiat Dealership as soon as possible.

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Warning light on panel	Message on display	
		<p>GLOW PLUGS (amber) (diesel versions)</p> <p>When the ignition key is turned to MAR. The warning light will go off when glow plugs reach the prescribed temperature.</p>
		<p>DIRECTION INDICATORS (green) (flashing)</p> <p>When the direction indicator stalk is operated.</p>
		<p>FRONT PASSENGER AIRBAG DEACTIVATED (amber)</p> <p>Warning light will come on when front passenger airbag is deactivated.</p> <p>With front passenger airbag on, turning the ignition key to MAR, the warning light shall flash for about 4 seconds and then go off.</p>



WARNING

Warning light  indicates also warning light  failures. This is indicated by intermittent flashing, over 4 seconds, of warning light . In this event warning light  could not indicate safety system failures. In addition, the airbag system will deactivate automatically the passenger's airbags (side bag, where provided and front airbag). Contact immediately Fiat Dealership to have the system checked.

Warning light on panel	Message on display	
		<p>OUTSIDE LIGHTS (green) When the side/taillights are switched on.</p>
		<p>MAIN BEAM HEADLIGHTS (blue) When main beam headlights are switched on.</p>
		<p>SERVICE This message will appear on the reconfigurable display at 2000 km from the service schedule deadline (every 20,000 km for 100 16v versions and every 30,000 km for JTD 120 versions) and when the key is turned to MAR every 200 km, until there are 200 km left, and then every 100, 50, etc... The data can only be reset at Fiat Dealership.</p>
		<p>WARNING LIGHT FAILURE This message will appear on the reconfigurable display when a failure concerning the warning lights shown is found</p>
		<p>WATER IN DIESEL FUEL FILTER (amber) (diesel versions) When there is water in the diesel fuel filter.</p>



The presence of water in the fuel circuit may cause serious damage to the entire injection system. Contact Fiat Dealership as soon as this warning light comes on.

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ENGINE STARTING

EMERGENCY START-UP

If the Fiat Code system cannot deactivate the engine immobiliser, the warning lights  and  will remain lit and the engine will not start. To start your car follow the emergency start-up procedure.

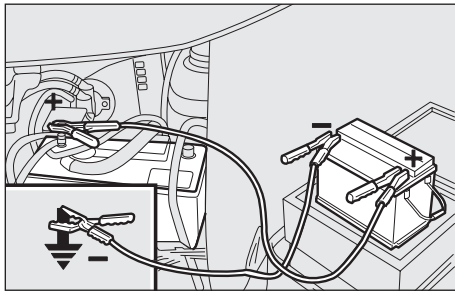
Read the whole procedure carefully before trying to carry it out. If you make a mistake, you must turn the ignition key back to STOP and repeat the whole operation from beginning (step 1).

- Read the 5-figure electronic code given on the CODE card.
- Turn the ignition key to MAR.
- Press and hold down the accelerator pedal. The warning light  turns on for about 8 seconds, and then goes off; release the accelerator pedal and get ready to count the flashes of the  warning light.
- Count the number of flashes that corresponds to the first figure of the code on the CODE card, then press the accelerator pedal and keep it there until the  warning light comes on (for 4 seconds) and then goes off; release the accelerator pedal.

- The warning light  will start flashing again: after it has flashed the number of times that corresponds to the second figure on the CODE card, press the accelerator pedal to the floor and keep it there.
- Do the same for the remaining figures on the CODE card.
- Once the final figure has been entered, keep the accelerator pedal pressed. The warning light  will light up for 4 seconds and then go out; release the accelerator pedal.
- Rapid flashing of the warning light  (for about 4 seconds) confirms the operation has been carried out successfully.
- Start the engine by turning the ignition key from MAR to AVV.

If however the warning light  stays on, turn the ignition key to STOP and repeat the procedure from step 1.

IMPORTANT After an emergency start-up, you should contact a Fiat Dealership otherwise you will have to repeat the procedure described each time you want to start the engine.



FOE0670m

JUMP STARTING

If the battery is flat, it is possible to start the engine using an auxiliary battery with the same capacity or a little higher than the flat one. Proceed as follows:

- Connect positive terminals (+) 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 gearbox of the car to be started.

IMPORTANT Do not directly connect the negative terminals of the two batteries: any sparks may ignite the detonating gas which could come out of the battery. If the auxiliary battery is installed on another car, avoid metal parts touching accidentally between this car and the one with the flat battery.

- Start the engine.
- When the engine has been started, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not insist but contact the nearest Fiat Dealership.



Never use a battery charger to start the engine as this could damage the electronic systems of your vehicle, particularly the ignition and fuel supply control units.



WARNING

This starting procedure must be carried out by qualified personnel because incorrect operations may cause electrical discharge of considerable intensity. The liquid contained in the battery is poisonous and corrosive. Avoid contact with the skin and eyes. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.

BUMP STARTING

Never bump start the engine by pushing, towing or coasting downhill.

This could cause fuel to flow into the catalytic converter and damage it beyond repair.

IMPORTANT Remember that the servobrake and electrical power steering system are not operating until the engine is started, a greater effort will therefore be required to press the brake pedal or turn the steering wheel.

IF A TYRE IS PUNCTURED

GENERAL INSTRUCTIONS

For versions/markets where applicable, the car can be fitted with a quick tyre repair kit called FIX & GO, replacing the usual tool fitting, the spare wheel lifting winch and the space-saver spare wheel.

Normal spare small wheel, or (where provided) normal size spare wheel, can be supplied on request; for its use, follow what indicated below.

VAN versions are fitted as standard with a spare wheel with steel rim of the same type and size as the standard wheels mounted on the car.

Wheel changing and correct use of the jack and space-saver spare wheel call for some precautions as listed below.



WARNING

Alert other drivers that the car is stationary in compliance with local regulations: hazard warning lights, warning triangle, etc. Any passengers on board should leave the car, especially if it is heavily laden. Passengers should stay away from oncoming traffic while the wheel is being changed. If parked on a slope or rough surface, chock the wheels with wedges or other suitable devices to prevent the car from rolling.

**WARNING**

The space-saver spare wheel (where provided) is specific to your car, do not use it on other models, or use the spare wheel of other models on your vehicle. The space-saver spare wheel shall only be used in an emergency. It shall only be used for the distance necessary to reach a service point and the car speed shall not exceed 80 km/h. The spare wheel has an orange sticker that summarises the main cautions for use and limitations. The sticker should never be removed or covered. Never fit a wheel cap on a space-saver spare wheel. The sticker gives the following information in four languages: caution! For temporary use only! 80 km/h max! Replace by normal wheel as soon as possible. Do not cover this label in use. If changing standard wheels (e.g.: wheels with alloy rims in place of steel rims) change also all wheel bolts.

**WARNING**

When driving with a space-saver spare wheel fitted, the driving performance of the car changes. Avoid accelerating or braking sharply, abrupt turns or fast cornerings. The life of the spare wheel is approx. 3000 km, after this distance it should be replaced with another of the same type. Never attempt to fit a conventional tyre on a rim designed for use as a space-saver spare wheel. Have the punctured wheel repaired and refitted as soon as possible. Two or more space-saver spare wheels should never be used together. Do not grease the threads of bolts before installing them: they might slip out.



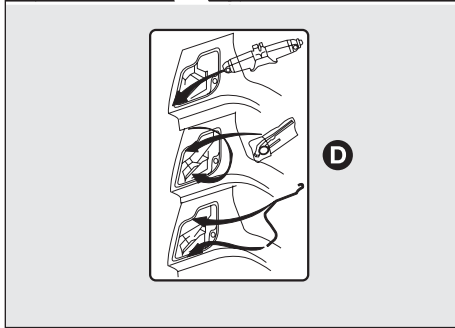
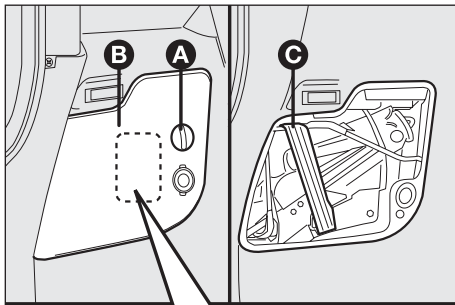
WARNING

The jack shall only be used for changing wheels on the car with which it is provided or on cars of the same model. It must not be used for other purposes such as for instance raising cars of other models. In no case should it be used for repairs under the car. Incorrect positioning of the jack may cause the jacked vehicle to fall. Do not use the jack for higher capacities than stated on its label. Snow chains cannot be fitted to the space-saver spare wheel. So, if a front (drive) wheel is punctured and chains are needed, a rear wheel should be fitted to the front of the vehicle and the spare wheel should be fitted to the rear. This way with two normal drive wheels, snow chains can be fitted to them to solve an emergency.

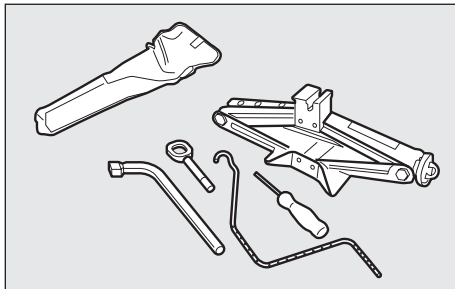


ATTENZIONE

Fasten the wheel cap correctly to prevent the wheel from coming free in motion. Never tamper with the inflation valve. Never place tools between the rim and tyre. Check and restore, if required, the pressure of tyres and spare wheel to the values given in the “Technical specifications” section.



FOE0618m



FOE0122m

Please note:

- the jack weight is 3.5 kg
- the jack requires no adjustment
- the jack cannot be repaired and in the event of a fault it must be replaced by another original one
- no tool other than its cranking device may be fitted on the jack.

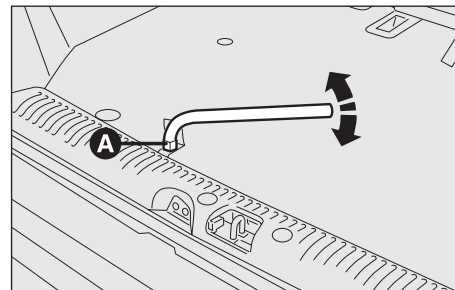
To change a wheel proceed as follows:

- Stop the car in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground should be flat and adequately firm. At night choose a lit area;
- Turn the engine off and pull up the handbrake;
- Engage first gear or reverse;
- Take out tools, jack and space-saver spare wheel;
- Tools are located in a compartment on the left side of the boot. To have access, turn the clasp (A) anticlockwise and take off cover (B); they are secured by a strap (C) that has to be released to remove them;
- Label (D) on the internal side of the cover shows how to remove and refit tools in the compartment;
- The space-saver spare wheel is located under the body at the back of the car;

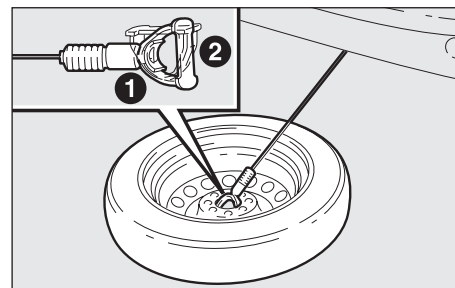
- ❑ to take out the small wheel, or (where provided) the normal size spare wheel, you have to operate by wrench (A), provided in supply, on relating bolt; turning it anticlockwise the wheel will lower until it reaches the ground, to remove it from the supporting hoist, move the locking bell underneath from position 1 to position 2;
- ❑ only when 15" rims in alloy are present, check bracket (B) is supplied for spare wheel and its fastening studs (C);

WARNING Check bracket (where provided) must compulsorily be positioned in rim interior; fastening is through two studs. For positioning the bell-shaped portion, follow relating pictures (positioning with spare wheel in alloy, spare wheel made of metal sheet or spare small wheel).

- ❑ Remove check bracket (B) (if present) unscrewing the two fastening studs (C);
- ❑ Remove the wheel cap (where provided) using a screwdriver as a lever on the edge of the cap. Loosen the wheel bolts on the wheel to be changed by approximately one turn;
- ❑ For alloy rims, loosen the anchorage bolts and rock the car to remove the alloy rim more easily from the wheel hub;
- ❑ Turn the jack hand wheel to open it partially;

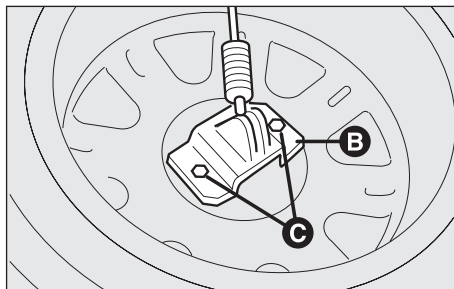


FOE0123m



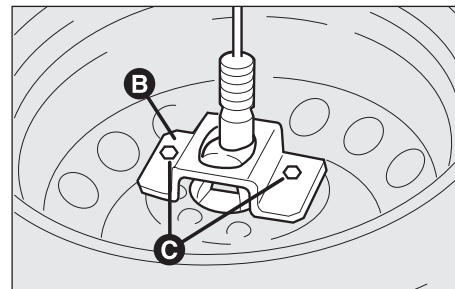
Positioning bell-shaped portion with spare wheel made of metal sheet

FOE0124m



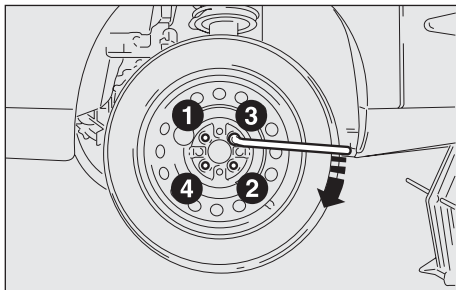
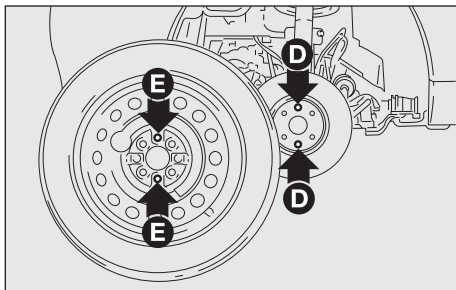
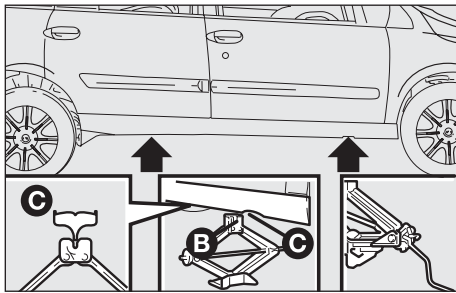
Positioning bell-shaped portion with spare wheel in alloy

FOE0726m



Positioning bell-shaped portion with spare small wheel

FOE0727m



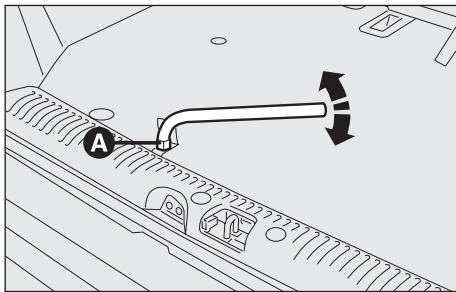
- Place the jack near the marks shown by the arrows, located near the front or rear wheelhouse (depending on the wheel to be changed). Make sure the jack groove (B) is fitted onto the side member fin (C);
- Warn any people present that the vehicle is about to be raised; make sure they keep at a safe distance and do not touch it until it is lowered once more;
- Insert the handle in the jack and turn it until the wheel to be changed lifts a few centimetres off the ground. Turn the handle making sure that you can turn it freely without grazing your hand against the ground. Also the moving parts of the jack (screw and joints) can cause injuries: keep clear of them. Clean off of any lubricating grease that has splashed on you;
- Unscrew the 4 bolts completely and take off the wheel;
- Mount spare small wheel, or (where provided) spare wheel, matching centering pins (D) with holes (E);
- Tighten the 4 bolts;

- ❑ Turn the jack handle to lower the car and remove the jack;
- ❑ Tighten up the wheel bolts completely in criss-cross fashion following the order shown;
- ❑ Hook again drilled wheel directly to the winch (for wheels with rim made of metal sheet), or restore check bracket (B) (for wheels with 15" rim in alloy), following previously described procedure in reverted sequence.



WARNING

Once the procedure has been terminated, always check wheel correct locking.



FOE0123m

IMPORTANT To fasten bolt (A) use only the wrench supplied; never use pneumatic screwdriver since the hooking system could be damaged. To check the correct fastening of small wheel, or (where provided) normal size spare wheel, follow attached table providing the number of rough guide clicks to be heard in order that complete locking is ensured.

	Number of clicks for the occurrence of hooking with check bracket	Number of clicks for the occurrence of hooking without check bracket
Spare small wheel	18 (*)	18
15" spare wheel in alloy	9	(□)
15" spare wheel made of metal sheet	(□)	5

(*) Where a check bracket is present, the bell-shaped portion must be positioned on the rim, not on the bracket.

(□) Solutions not allowed.

IMPORTANT Do not mount the cup on spare small wheel.



The space-saver spare wheel is narrower than the standard wheels and it is only to be used to drive the distance necessary to reach a garage where the flat wheel can be repaired.

IMPORTANT The wheel in alloy with 17" rim cannot be anchored to the winch.

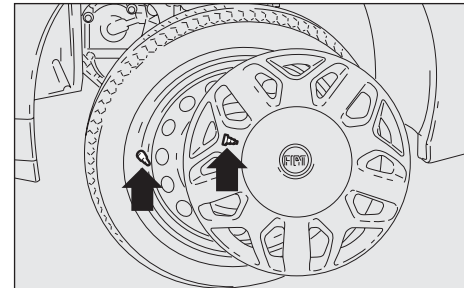
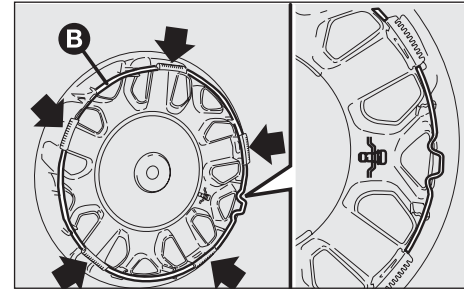
REFITTING THE STANDARD WHEEL

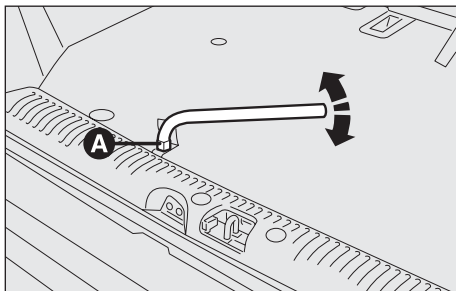
- ❑ Following the procedure described previously, raise the car and remove the space-saver spare wheel;
- ❑ fit the standard wheel.

Make sure that the resting surface of the spare wheel is clean and there is no dirt that could cause the bolts to loosen.

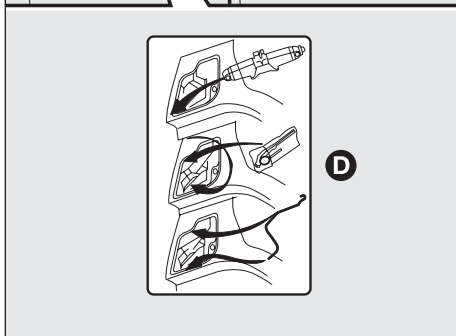
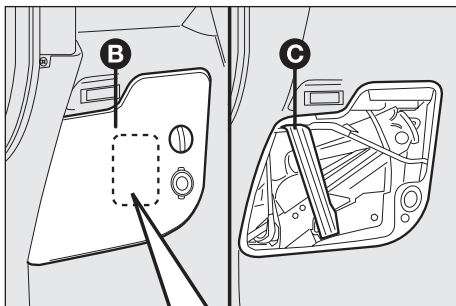
- ❑ Tighten the bolts with the wrench supplied;
- ❑ Lower the car and remove the jack;
- ❑ Tighten the bolts in the sequence shown before;
- ❑ Make sure the retaining ring (B) is inserted in the seats of the hub cap so that the protruding section of the inflation valve is aligned with symbol  marked on the inside of the hub cap;
- ❑ Press-fit the wheel cap on the rim, making sure symbol  on the inside of the cap, corresponds with the inflation valve.

Incorrect fitting may cause the wheel cap to come off when the car is travelling.





FOE0123m



FOE0643m

When you have finished:

- place the space-saver spare wheel in the housing under the body checking it is properly locked in place.

IMPORTANT To fasten bolt (A) use only the wrench supplied; never use pneumatic screwdriver since the hooking system could be damaged. The wheel is completely fastened when the bolt, after about 21 audible clicks, cannot be fastened further on.

- Return tools to their container as shown on label (D) and place them in their recess in the boot;
- Before closing the cover (B) fasten them with belt (C).

IMPORTANT Do not use inner tubes with Tubeless tyres.

Periodically check the pressure of the tyres and spare wheel.

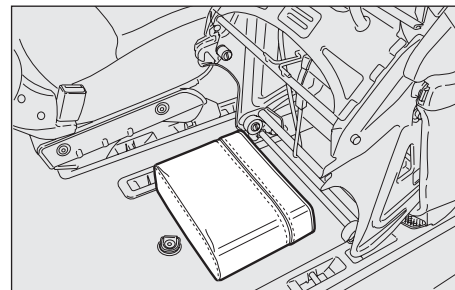
QUICK TYRE REPAIR KIT FIX & GO automatic

The quick tyre repair kit Fix & Go automatic is placed under the right rear seat.

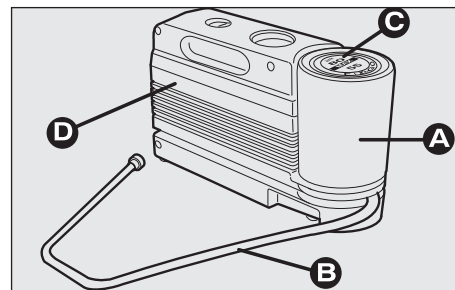
The quick tyre repair kit includes:

- a bottle (A) containing sealer and fitted with:
 - filling pipe (B);
 - sticker (C) bearing the notice “max. 80 km/h”, to be placed in a position visible to the driver (on the instrument panel) after fixing the tyre;
- instruction brochure (see figure below), to be used for prompt and proper use of the quick repair kit and to be then handed to the personnel charged with handling the treated tyre;
- compressor (D) with gauge and connections to be found in the proper compartment;
- a pair of protection gloves to be found in the side compartment;
- adapters for inflating different elements.

In the kit container are also housed the screwdriver and the tow hitch.



FOE0709m



FOE0710m



FOE0722m



WARNING

Hand the instruction brochure to the personnel charged with treating the tyre repaired with the kit.

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In the event of a puncture caused by foreign bodies, it is possible to repair tyres showing damages on the track or shoulder up to max 4 mm diameter.

**WARNING**

Holes and damages on the tyre side walls cannot be repaired. Do not use the quick tyre repair kit if damaging is due to running with flat tyre.

**WARNING**

Repairs are not possible in case of damages on the wheel rim (bad groove distortion causing air loss). Do not remove foreign bodies (screws or nails) from the tyre.

IT SHOULD BE NOTICED THAT:

The sealing fluid of the quick tyre repair kit is effective with external temperatures between -20 °C and +50 °C. The sealing fluid has limited life.



WARNING

The compressor shall not be operated for more than 20 minutes. Risk of overheating. Tyres repaired with the quick tyre repair kit shall be used temporarily only.

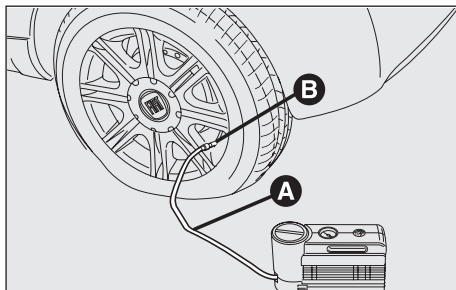


WARNING

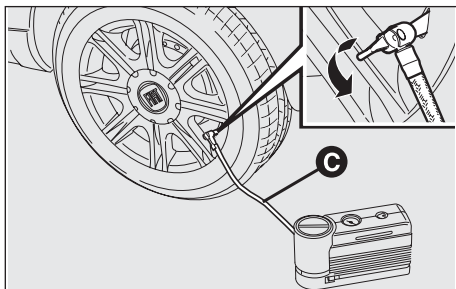
The cylinder contains ethylene glycol. It contains latex: it can cause allergic reactions. These substances are harmful if ingested or inhaled and irritant for the eyes and in case of contact. In case of contact rinse immediately with water and take off contaminated clothes. If swallowed, do not induce vomit, rinse out the mouth, drink a lot of water and call the doctor immediately. Keep away from children. This product must not be used by asthmatics. Do not inhale vapours during fitting and suction operations. Call the doctor immediately in case of allergic reactions. Keep the cylinder in the case provided for the purpose and far from heat. The sealing fluid has limited life.



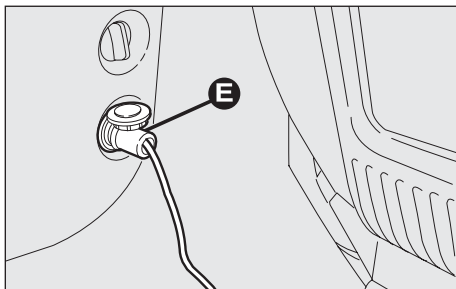
Replace the run out cylinder. Do not throw away the cylinder and the sealing fluid. Have the sealing fluid and the cylinder disposed of according to national and local regulations in force.



FOE0741m



FOE0742m



FOE0715m

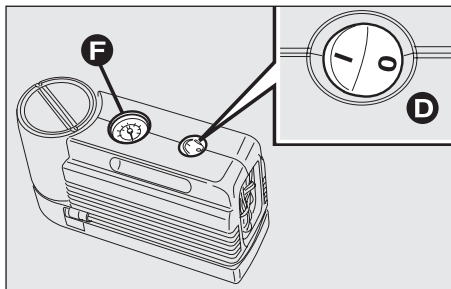
INFLATING PROCEDURE



WARNING

Put on the protection gloves provided together with quick tyre repair kit.

- Pull up the handbrake.** Loosen tyre inflation valve cap, take the filler hose (A) out and screw the ring nut (B) on the tyre valve;
- make sure the compressor switch (D) is set at 0 (off), then start the engine and fit plug (E) into the nearest outlet and turn on the compressor by setting switch (D) to I (on). Inflate the tyre to the pressure value specified in paragraph "Inflation pressure" in section "Technical Specifications". Check tyre pressure on gauge (F) with compressor off to obtain precise reading;
- if after 5 minutes it is still impossible to reach at least 1.5 bar, disengage compressor from valve and outlet, then move the car forth for approx. ten metres in order to distribute the sealing fluid inside the tyre evenly, then repeat the inflation operation;



FOE0714m

- if also in this case, after 5 minutes from turning the compressor on it is still impossible to reach at least 1.8 bar, do not start driving since the tyre is excessively damaged and the quick tyre repair kit cannot guarantee suitable sealing, contact Fiat Dealership;
- if the proper tyre pressure has been reached (see paragraph “Inflation pressure” in section “Technical Specifications”, start driving immediately;



WARNING

Apply the sticker in a visible position for the driver to indicate that the tyre has been treated with the quick tyre repair kit. Drive carefully especially when cornering. Do not exceed 80 km/h. Avoid heavy braking and accelerating.

- after driving for about 10 minutes stop and check again the tyre pressure; **pull up the handbrake;**



WARNING

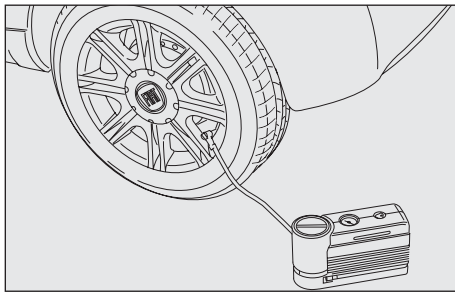
If the pressure falls below 1.8 bars, do not drive any further: the quick tyre repair kit Fix & Go automatic cannot guarantee proper hold because the tyre is too much damaged. Contact Fiat Dealership.

- if pressure read is at least 1.8 bar, restore proper pressure (with engine running and handbrake on) and restart;
- drive with the utmost care to the nearest Fiat Dealership.



WARNING

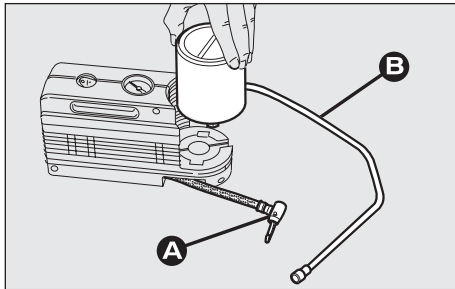
It is of vital importance to communicate that the tyre has been repaired using the quick tyre repair kit. Hand the instruction brochure to the personnel charged with treating the tyre repaired with the kit.



FOE0743m

FOR CHECKING AND RESTORING PRESSURE ONLY

The compressor can be also used just for restoring pressure. Disconnect the quick connection and connect it directly to the tyre valve; in this way the cylinder is not connected to compressor and the sealing fluid will not flow into the tyre.



FOE0721m

CYLINDER REPLACEMENT PROCEDURE

To replace cylinder proceed as follows:

- disconnect connection (A);
- turn counter-clockwise the cylinder to replace and raise it;
- fit the new cylinder and turn it clockwise;
- connect connection (A) to the cylinder and fit the transparent tube (B) into the proper space.

IF A BULB BURNS OUT

GENERAL INSTRUCTIONS

- Before changing a bulb check the contacts for oxidation.
- Burnt bulbs must be replaced by others of the same type and power.

- Always check headlight aiming after changing a bulb to ensure they are safe.
- When a light is not working, check that the corresponding fuse is intact before changing a bulb. For the location of fuses, refer to the paragraph “If a fuse blows” in this section.



WARNING

Alterations or repairs to the electric system not carried out correctly and without taking into account the system specifications may cause failures and the risk of fire.



WARNING

Halogen bulbs contain pressurised gas, in the case of breakage they may burst.



Halogen bulbs must be handled touching only the metallic part. If the transparent bulb is touched with the fingers, its lighting intensity is reduced and life of the bulb may be compromised. If touched accidentally, rub the bulb with a cloth moistened with alcohol and allow to dry.



Where possible, have the lamps changed by Fiat Dealership. Correct operation and aiming of external lights are essential for safe driving in compliance with law regulations.

TYPES OF BULBS

Different types of bulbs are fitted on the car.

A Glass bulbs

Press fitted.

To remove them, pull.

B Bayonet connection bulbs

Remove from the bulb holder by pressing the bulb and rotating it anti-clockwise.

C Cylindrical bulbs

To remove them, release them from their contacts.

D Halogen bulbs

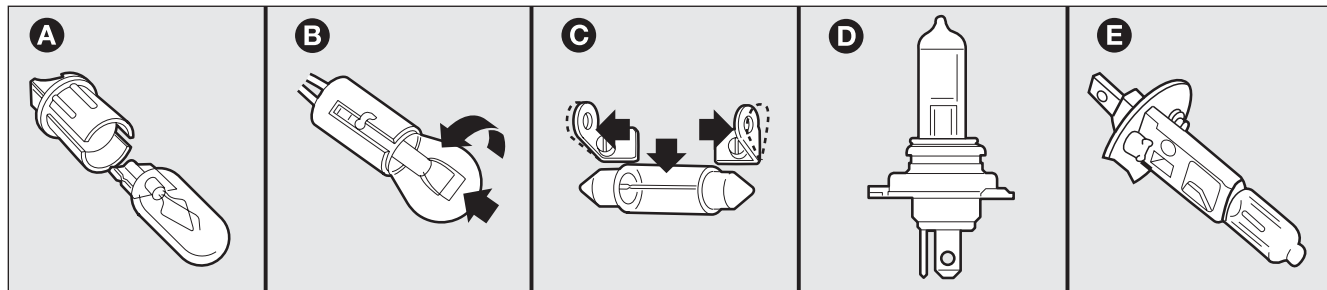
To remove, release the locking spring and take out the bulb.

E Halogen bulbs

To remove, release the locking spring and take out the bulb.

IMPORTANT The headlight inner surface might be slightly misted: this should not be considered irregular but a natural phenomenon due to low temperature and the air humidity level. Misting will disappear as soon as the headlights are turned on.

Drops inside the headlight mean water infiltration: contact Fiat Dealership.



Bulbs	Ref. figure	Type	Power
Front side lights	A	W5W	12V-5W
Dipped beams	D	H7	12V-55W
Main beams	E	H1	12V-55W
Front direction indicators	B	P21W	12V-21W
Side direction indicators	A	WY5W	12V-5W
Front fog lights (where provided)	E	H1	12V-55W
Rear light cluster			
- side/taillights	B	R5W	12V-21/5W
- reversing light	B	P21W	12V-21W
- fog light	B	P21W	12V-21/5W
- direction indicators	B	P21W	12V-21W
Third brake light	A	–	12V-2,3W
Number plate light	A	W5W	12V-5W
Front ceiling light	C	C10W	12V-10W
Rear ceiling light	C	C5W	12V-10W (*)
Vanity mirror light	C	–	12V-1W
Boot light	A	W5W	12V-5W

(*) 12V-5W in versions with sunroof.

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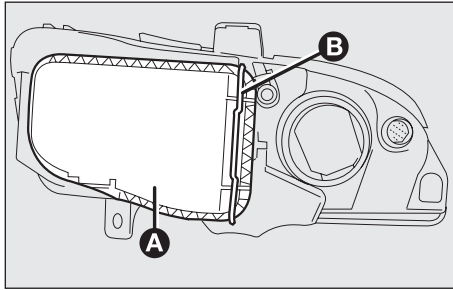
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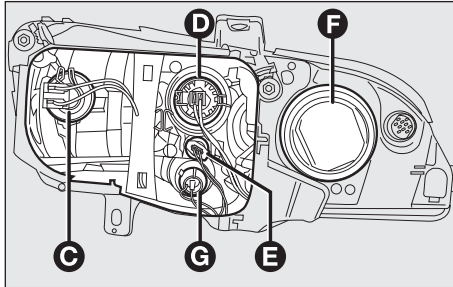
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F0E0644m



F0E0645m

IF AN EXTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see “If a bulb burns out”.

FRONT LIGHT CLUSTER

The front light cluster contains sidelight, dipped beam, main beam direction indicator and fog light bulbs.

To change the bulbs of the sidelights, dipped beams, direction indicators and front fog lights it is necessary to remove the cover (A) releasing the catch (B).

The bulbs are arranged inside the light cluster as follows:

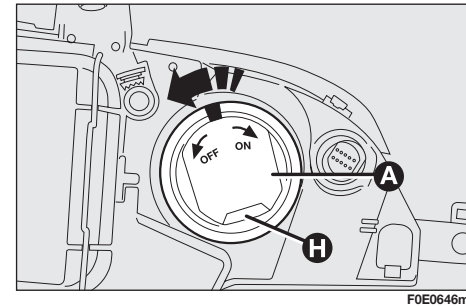
- C: dipped beams
- D: front fog lights
- E: sidelights
- F: main beams
- G: direction indicators

After replacement, refit the covers correctly checking that they are properly secured.

MAIN BEAMS

To change the bulb, proceed as follows:

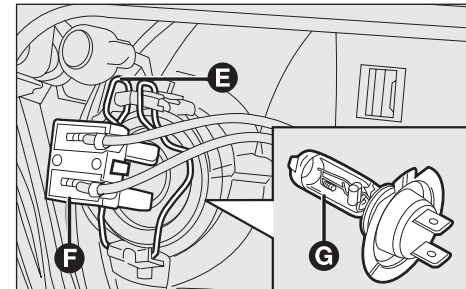
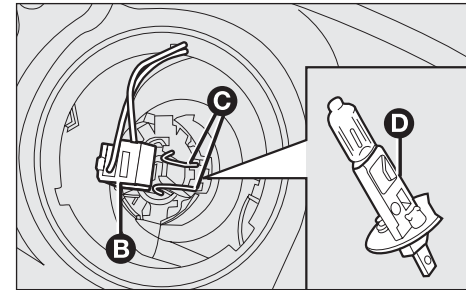
- turn cap (A) counterclockwise and remove it;
- disconnect the electric connector (B);
- release the bulb holder catch (C);
- remove the bulb (D) and replace it;
- refit catch (C), reconnect the electrical connector (B) and refit cap (A) turning it clockwise. Cap vent (H) shall be set from the top downwards.

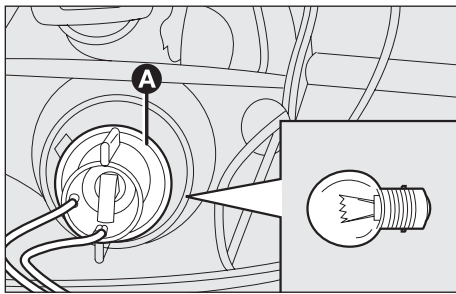


DIPPED BEAMS

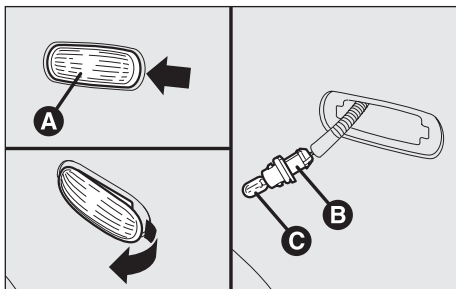
To change the bulb, proceed as follows:

- remove the protective cover releasing the catch;
- disconnect the electric connector (F);
- release the bulb holder catch (E);
- remove the bulb (G) and replace it;
- fit the new bulb, making the outline of the metallic part coincide with the grooves on the reflector, then hook the bulb holder catch (E) and reconnect the electrical connector (F) ;
- refit the protective cover correctly.





FOE0649m



FOE0650m

DIRECTION INDICATORS

Front

To change the bulb, proceed as follows:

- remove the protective cover releasing the catch;
- turn the bulb holder (A) counterclockwise and remove it;
- remove the bulb (B) pushing it gently and turning counterclockwise (“bayonet connection”);
- replace the bulb;
- refit the bulb holder turning it clockwise, checking that it is secured correctly;
- refit the protective cover correctly.

Side

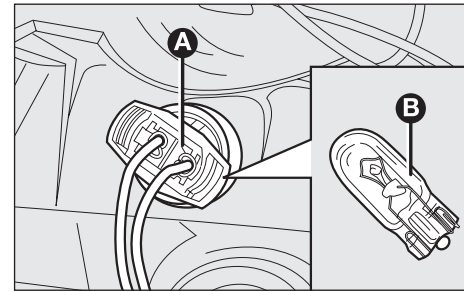
To change the bulb, proceed as follows:

- push the lens (A) by hand in running direction to compress the catch;
- remove the unit;
- turn the bulb holder (B) counterclockwise, remove the snap-fitted bulb (C) and replace it;
- refit the bulb holder (B) in the lens then position the unit making sure the catch clicks into place.

FRONT SIDELIGHTS

To change the bulb, proceed as follows:

- remove the protective cover releasing the catch;
- remove the snap-fitted bulb holder unit (A), take out bulb (B) and replace it;
- refit the snap-fitted bulb holder unit (A);
- refit the protective cover correctly.

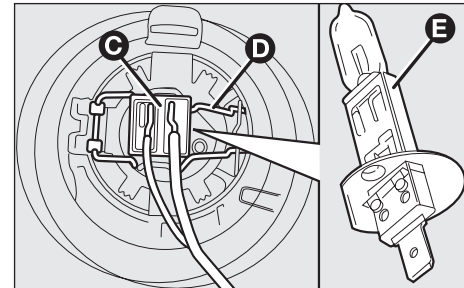


F0E0651m

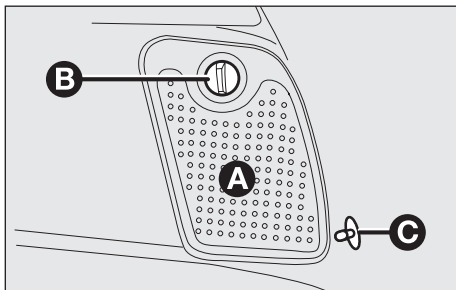
FRONT FOG LIGHTS (where provided)

To change the bulb, proceed as follows:

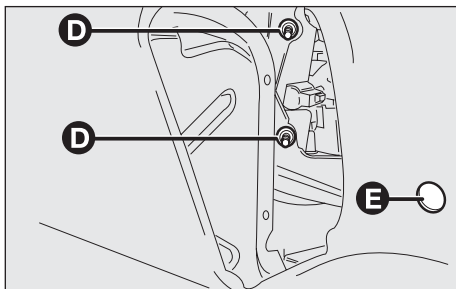
- disconnect the electric connector (C);
- release the bulb holder catch (D);
- remove the bulb (E) and replace it;
- fit the new bulb, hook the bulb holder catch (D) and reconnect the electrical connector (C).



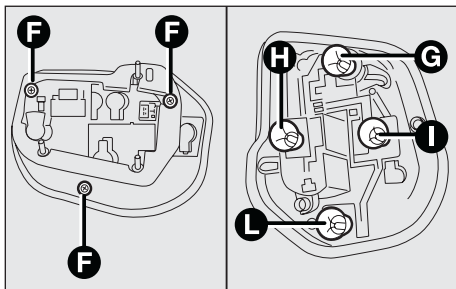
F0E0652m



F0E0673m



F0E0674m



F0E0675m

REAR LIGHT CLUSTER

To change the bulb, proceed as follows:

- from inside the boot release and remove cover (A) by turning the retaining knob (B), then remove pin (C) to reach the third nut;
- loosen the two visible nuts (D) and the third one that can be reached through hole (E); remove the light unit;
- remove connectors, loosen the three screws (F) and open the light holder unit;
- remove the burnt out bulb, by pressing it slightly and turning it counterclockwise.

The same operations stand valid for the left light unit.

Bulbs are the following:

G - 12V-5/21W, two-light, for taillights and brake lights

H - 12V-21W for reversing light

I - 12V-21W for direction indicators

L - 12V-21W for rear fog lights

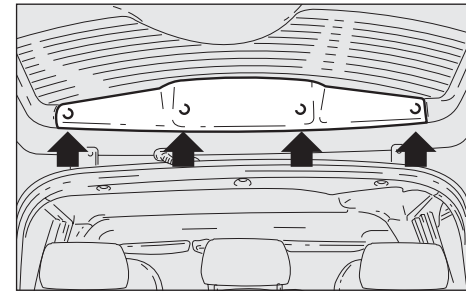
After replacing, refit the headlight by reversing the above operations.

THIRD BRAKE LIGHTS

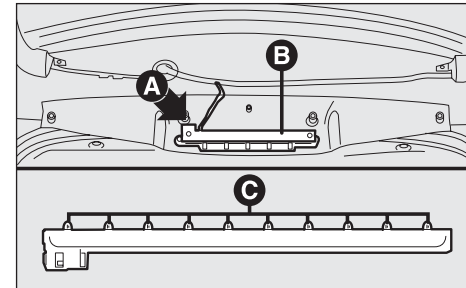
To replace 12V-3W bulbs:

- ❑ with the tailgate open, undo the four fastening screws under the caps (shown by the arrows) and remove the panel;
- ❑ take out connection (A);
- ❑ undo the four screws securing the light unit and remove the cover (B);
- ❑ remove the bulbs (C) to be replaced from their seats.

After replacing the bulb, refit the two halves of the light unit then secure the latter to the covering panel after reconnecting the electric connection; refit the panel to the tailgate.



F0E0254m

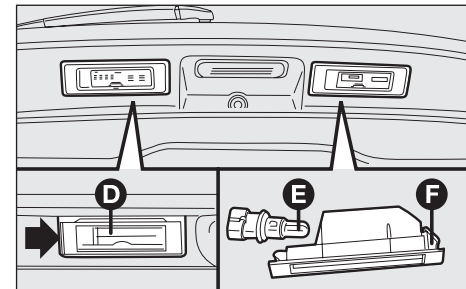


F0E0146m

NUMBER PLATE LIGHTS

To replace the 12V-5W bulb:

- ❑ using a screwdriver in the direction of the arrow, compress catch (F) and take out the number plate light unit;
- ❑ remove bulb holder and lens (D);
- ❑ take out the bulb holder turning it slightly and replace the bulb (E).



F0E0676m

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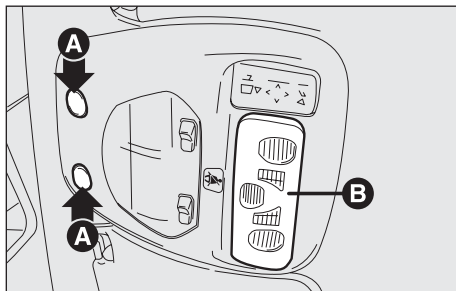
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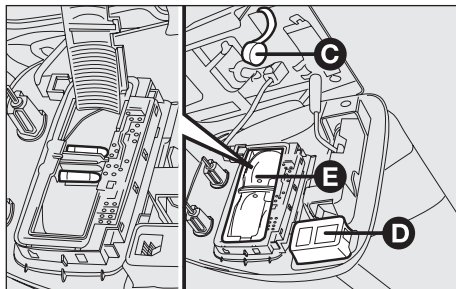
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FOE0623m

IF AN INTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see “If a bulb burns out”.

FRONT CEILING LIGHT

To replace the 12V-10W cylindrical bulbs:

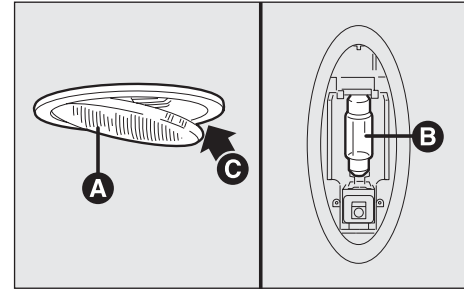
- remove plastic caps (A) and casing (B) using a screwdriver;
- unscrew the four screws (two in A and two in B) and slide the ceiling light downwards toward the windscreen;
- disconnect connector (D) from (C);
- lift cover (E) using a screwdriver;
- replace the burn out bulb;
- reconnect the electrical connector and refit the ceiling light first clicking it into place then securing it with the screws. Refit the plastic caps (A) and the casing (B).

REAR CEILING LIGHTS

To replace the 12V-10W cylindrical bulb from inside the car:

- ❑ remove the lens (A) using a screwdriver in (C);
- ❑ replace the bulb (B).

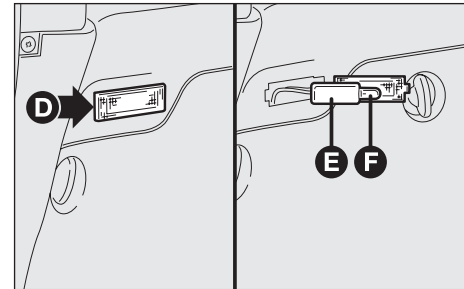
In versions fitted with double sunroof the ceiling lights are set along the centre cross member: bulb can be replaced in the same way.

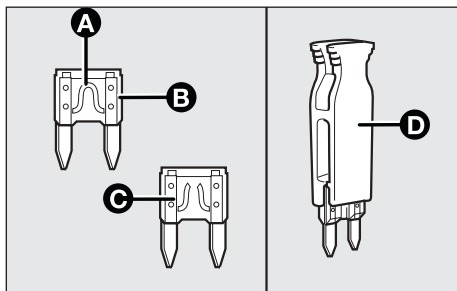


BOOT LIGHT

To replace the 12V-5W bulb:

- ❑ remove the lens using a screwdriver in (D);
- ❑ fold back the plastic trim (E) and replace the bulb (F).





FOE0625m

IF A FUSE BLOWS

GENERAL

The fuse is a protective device for the electric system: it comes into action (i.e. it cuts off) mainly due to a fault or improper action on the system.

When a device does not work, check the efficiency of its fuse. The conductor element (A) must be intact; if not, replace the fuse with one of the same amp rating (same colour).

(B): undamaged fuse.

(C): fuse with damaged filament.

To replace fuse, use the pliers (D) hooked inside the fuse box cover on the left side of the dashboard.



Never replace a fuse with metal wires or anything else.



WARNING Never replace a fuse with another with a higher amp rating; **DANGER OF FIRE.** If a fuse blows again, contact Fiat Dealership.



WARNING If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) cuts in, do not attempt any repair and contact a Fiat Dealership. Before replacing a fuse, make sure the ignition key has been removed and that all the other services are switched off and/or disengaged.

Certain fuses are protected by a plastic grid.

To replace these fuses, first of all remove the grid using a screwdriver. Replace the blown fuse and refit the plastic grid.

To locate the fuse, refer to the tables on the following pages.

FUSE BOX

The fuse box is located under the oddments tray on the driver's side.

The fuse location (n. 16 to n. 28) is not binding; to replace a blown fuse, refer to the fuse colour that must be the same as the fuse box colour.

To reach the fuses:

- Raise the oddments tray compartment flap.


The numbers indicating the electrical components corresponding to each fuse can be seen on the inside of the flap inner wall.

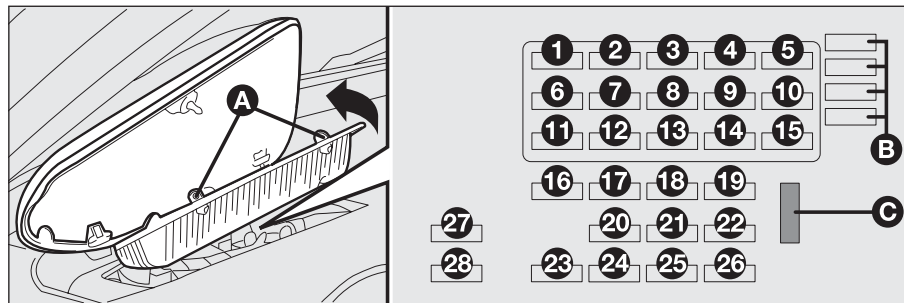
- Take out the inner cover, rotating the two knobs (A).

The group of fuses marked with letter (B) contains spare filaments.

To facilitate fuse replacement, use the pliers (C) located near the fuse box.

After use return pliers to their place.

IMPORTANT Never turn the ignition key to MAR with a fuse removed; doing so would turn on warning light  and the "fault" would be stored by the airbag control unit. In such an event, go to Fiat Dealership to reset the fault stored on the airbag control unit.



F0E0694m

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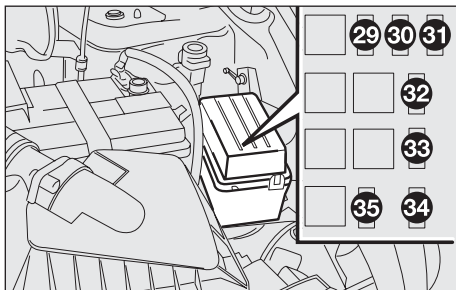
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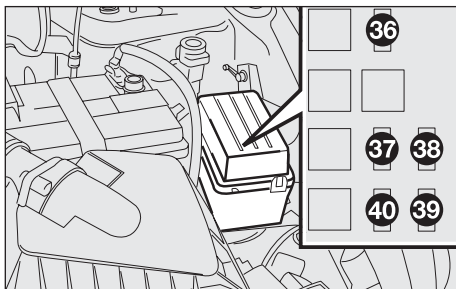


FOE0628m

FUSES IN THE ENGINE COMPARTMENT

Fuses next to the battery

Press the two locking tabs and remove the cover.



FOE0692m

Fuses inside the car	Ampere	Fuse no.
Right-hand main beam	10	1
Left-hand main beam	10	2
Main beam warning light	10	2
Rear fog lights	20	3
Rear fog lights warning light	20	3
Side/taillight power	20	3
Left-hand dipped beam	10	4
Car interior fan	30	5
Right-hand number plate light	10	6
Right-hand front sidelight	10	6
Cigar lighter light	10	6
Ashtray light	10	6
Side/taillight warning light	10	6
Sound system light	10	6
Left-hand taillight	10	6
Left-hand number plate light	10	7
Left-hand front sidelight	10	7
Right-hand taillight	10	7
Heating system lighting	10	7
Right-hand dipped beam	10	8
Brake fluid warning light	10	8
Headlight beam adjuster	10	8
Headlight washer relay coil	10	8
Cigar lighter	15	9
Conditioner compressor	15	9
Headlight washer	20	10

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Fuses inside the car

	Ampere	Fuse no.
Windscreen wiper	20	10
Rear window wiper	20	10
Horn	20	11
+ 30 instrument panel	10	12
+ 30 front ceiling light	10	12
+ 30 EOBD Fiat tester	10	12
+ 30 rear ceiling light	10	12
+ 30 sound system	10	12
+ 30 connect-nav	10	12
+ 30 navigator	10	12
+ 30 clock	10	12
+ 30 sunroof	10	12
+ 30 webasto (additional heater)	10	12
+ 30 anti-theft control unit	10	12
Reversing light	15	13
Front direction indicators	15	13
Brake light	15	13
Third brake light	15	13
Rear direction indicators	15	13
Direction indicator warning light	15	13
Side direction indicators	15	13
Hazard light warning light	15	13
+ 15 cellular phone	15	13
+ 15 sound system	15	13
+ 15 connect-nav	15	13

Fuses inside the car	Ampere	Fuse no.
+ 15 navigator	15	13
Anti-theft control unit	15	13
Hazard light power	10	14
Anti-theft led	10	14
Anti-theft control unit	10	14
Heated rear window	30	15
Electric mirror defrosting	30	15
Front fog lights	15	16
Electric mirror movement	7.5	17
Air recirculation	7.5	17
Cigar lighter relay coil	7.5	17
Windscreen wiper relay coil	7.5	17
Electric seat relay coil	7.5	17
Heater relay coil	7.5	17
Heated rear window relay coil	7.5	17
12V socket relay coil	7.5	17
Front power windows	30	18
Tunnel 12V outlet	25	19
Boot 12V outlet	25	19
Refrigerator presetting	25	20
Electric seat riser	25	20
Electric mirror defrosting	7.5	21
Airbag circuit	7.5	22
ASR ON button	7.5	23
ABI control unit (power windows/front door lock)	20	24

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Fuses inside the car

	Ampere	Fuse no.
+ 15 phone presetting	7.5	25
+ 15 sound system	7.5	25
+ 15 sunroof relay coil	7.5	25
+ 15 navigator	7.5	25
+ 15 remote control receiver	7.5	25
+ 15 taxi-meter	7.5	25
+ 15 Airbag	7.5	25
+ 15 GSM box	7.5	25
+ 15 ABI control unit	7.5	25
+ 30 taxi-meter	7.5	26
+ 30 sunroof	25	27
Rear power windows	25	28

Fuses in engine compartment (next to battery, JTD versions only)

Fiat code	7.5	29
Webasto boiler (additional heater)	20	30
Main relay	7.5	31
ABS	10	32
Diesel fuel filter heating	25	33
+ 15 CCM and Fiat code control unit	7.5	34
Headlight washer pump	30	35

Fuses in engine compartment (next to battery, petrol versions only)

	Ampere	Fuse no.
Lambda probe	15	36
+ 15 CCM and Fiat code control unit	7.5	37
+ 30 Fiat code control unit	7.5	38
+ 15 ABS	7.5	39
Headlight washer pump	20	40

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IF THE BATTERY IS FLAT

IMPORTANT Battery recharging procedure is given as information only since this operation shall be only performed at a Fiat Dealership.

You are advised to recharge the battery slowly for a period of approximately 24 hours at a very low amperage. Charging for too long could result in the battery being damaged.

Proceed as follows:

Disconnect battery negative terminal (-).

IMPORTANT If the car is equipped with electronic alarm, switch it off with the remote control.

Connect the charger cables to the battery terminals, observing the poles.

Turn on the charger.

When you have finished, turn the charger off before disconnecting the battery.

Reconnect battery negative terminal (-).



WARNING

The liquid contained in the battery is poisonous and corrosive. Avoid contact with the skin or eyes. The battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.



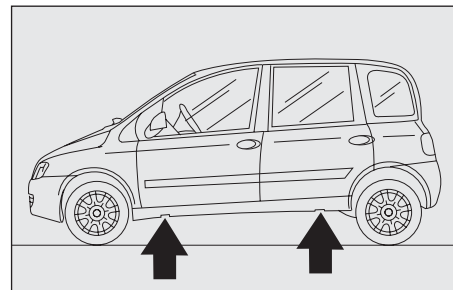
WARNING

Do not attempt to charge a frozen battery: it must firstly be thawed, otherwise it may burst. If freezing has occurred, the battery should be checked by skilled personnel to make sure that the internal elements are not damaged and that the body is not cracked, with the risk of leaking poisonous and corrosive acid.

JACKING THE CAR

If the car needs to be jacked up, go to a Fiat Dealership which is equipped with shop jacks and jack arms.

Jack up the car only by positioning the jack arms or the shop jack in the points shown in the figure.



F0E0667m

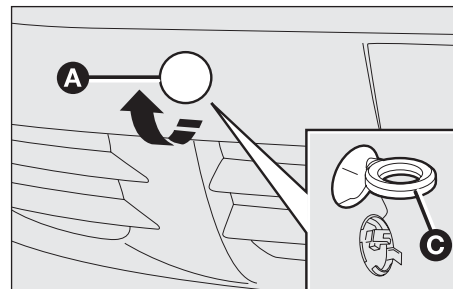
TOWING THE CAR

The tow ring provided with the car is housed in the tool box or in the FIX & GO container (where provided).

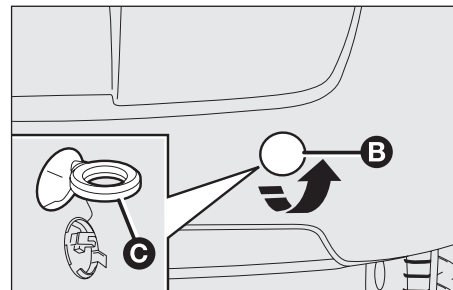
FITTING THE TOW RING

Proceed as follows:

- release the front (A) or rear (B) cap;
- take the tow hook (C);
- tighten the ring on the rear or front threaded pin.



F0E0678m



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**WARNING**

Before starting to tow, turn the ignition key to MAR and then to STOP. Do not remove the key. If the key is removed, the steering lock engages automatically resulting in the impossibility to steer the wheels.

**WARNING**

When towing, remember that without the help of the servobrake and power steering, a greater effort is required on the pedal and steering wheel. Do not use flexible cables for towing and avoid jerks. During towing operations make sure that fastening the joint to the car does not damage the components in contact with it. When towing the car, you must comply with the specific traffic regulations regarding the tow ring and how to tow on the road.

**WARNING**

Do not start the engine when towing the vehicle.

CAR MAINTENANCE

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SCHEDULED SERVICING

Correct maintenance is essential for ensuring long car life under the best conditions.

This is why Fiat has programmed a series of checks and maintenance operations every 20,000 km.

It is however important to remember that scheduled servicing does not completely cover all the car's requirements: also in the initial period before the first service coupon and later, between one coupon and another, ordinary care is still required such as for example routine check and topping up the level of fluids, tyre pressure check, etc.

IMPORTANT The Programmed Maintenance coupons are specified by the Manufacturer. Failure to have them carried out may invalidate the warranty.

Scheduled Servicing is performed by all Fiat Dealership, at pre-established times.

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.

IMPORTANT You are advised to contact Fiat Dealership in the event of any minor operating faults, without waiting for the next service coupon.



If your car is used frequently for towing, the interval between one service coupon and the other must be reduced.

SERVICE SCHEDULE

Thousands of km	20	40	60	80	100	120	140	160	180
Check tyre conditions/wear and adjust pressure if required	●	●	●	●	●	●	●	●	●
Check lighting system operation (headlights, direction indicators, hazard lights, boot lights, passenger compartment lights, glovebox lights, warning lights, etc.)	●	●	●	●	●	●	●	●	●
Check windscreen wiper/washer operation, adjust nozzles	●	●	●	●	●	●	●	●	●
Check windscreen/rear window blade position/wear	●	●	●	●	●	●	●	●	●
Check front disk brake pad conditions and wear and wear indicator operation	●	●	●	●	●	●	●	●	●
Check rear drum brake linings conditions and wear (where provided)			●			●			●
Check rear disk brake pad conditions and wear			●			●			●
Sight inspect the conditions of: bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.) fuel and brake system hoses	●	●	●	●	●	●	●	●	●
Check tension and adjust accessory drive belts (excluding engines with automatic belt tighteners)	●						●		
Sight inspect accessory drive belt conditions (petrol versions)		●		●				●	
Sight inspect accessory drive belt conditions (diesel versions)			●						●
Check clutch pedal height or stroke and adjust if necessary		●		●		●		●	
Check cleanness of locks, bonnet and boot and lever cleanness and lubrication	●	●	●	●	●	●	●	●	●

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	Thousands of km									
	20	40	60	80	100	120	140	160	180	
DASHBOARD AND CONTROLS			●			●			●	
SAFETY DEVICES		●		●		●		●		
			●	●		●		●		
CORRECT USE OF THE CAR			●							
		●	●	●	●	●	●	●	●	
				●				●		
WARNING LIGHTS AND MESSAGES		●	●	●	●	●	●	●	●	
					●			●		
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						●				
						●				
CAR MAINTENANCE			●	●		●		●		
			●	●		●		●		
TECHNICAL SPECIFICATIONS		●	●	●	●	●	●	●	●	
				●		●			●	
		●	●	●	●	●	●	●	●	

(*) Or every 4 years for particularly demanding use (cold climates, driving in the city idling for a long time)
 Or every 5 years, regardless of the km covered

(**) Engine oil and oil filter shall be changed when the corresponding warning light turns on (see section “Warning lights and Messages”), or in any case every 2 years.

PERIODICAL CHECKS

Every 1,000 km or before long journeys, check and top up if required:

- engine coolant fluid level;
- brake fluid level;
- windscreen washer fluid level;
- tyre pressure and conditions.
- check light system operation (headlights, direction indicators, hazard lights, etc.);
- check windscreen wiper/washer operation and windscreen/rear window blade position/wear;

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

You are recommended to use **FL Selenia** products, designed and produced specifically for Fiat cars (see table “Capacities” in section “Technical specifications”).

USE OF THE CAR UNDER HEAVY CONDITIONS

Should prevailing use of the car be under one of the following specially heavy conditions:

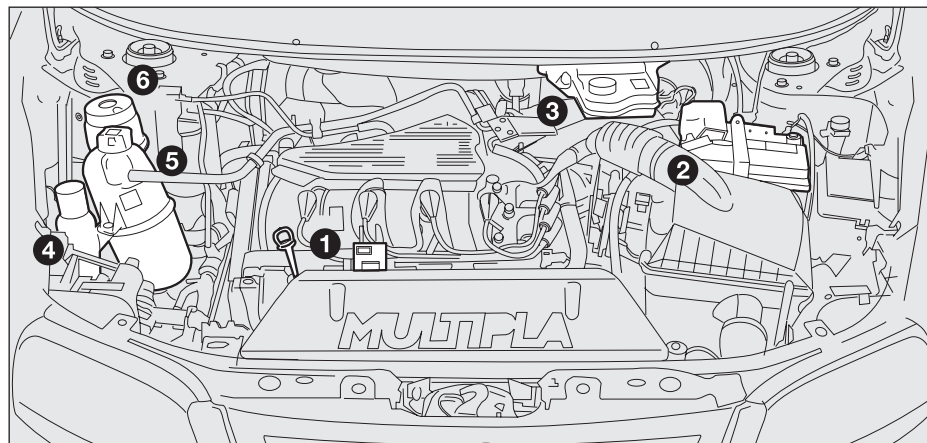
- trailer or caravan towing;
- dusty roads;
- short distances (less than 7-8 km) and repeated with external temperatures below zero;
- frequently idling engines or long distance low speed driving (e.g.: door-to-door deliveries) or in case of a long term inactivity;
- urban routes;

carry out checks more frequently than required on Service Schedule:

- check front disk brake pad conditions and wear;
- check cleanness of bonnet and boot locks and lever cleanness and lubrication;
- sight inspect the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.);
- check battery charge and fluid level (electrolyte);
- visual check on various drive belt conditions;
- check and replace pollen filter, if required;
- check and replace air cleaner, if required.

CHECKING FLUID LEVELS

1. Engine oil
2. battery
3. brake fluid
4. windscreen washer fluid
5. engine coolant
6. power steering fluid.



100 16V versions

FOE0680m

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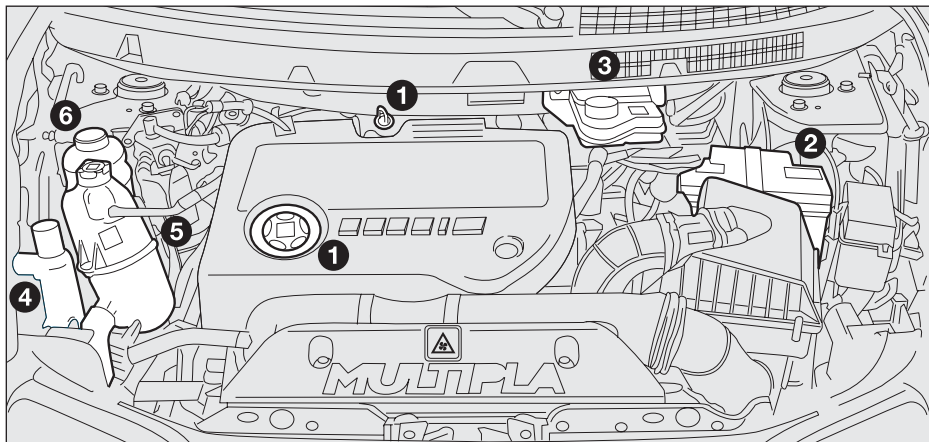


WARNING

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



When topping up take care not to confuse the various types of fluids: they are all incompatible with one another and could seriously damage the car.



FOE0681m

JTD I20 version

1. Engine oil
2. battery
3. brake fluid
4. windscreen washer fluid
5. engine coolant
6. power steering fluid.

ENGINE OIL

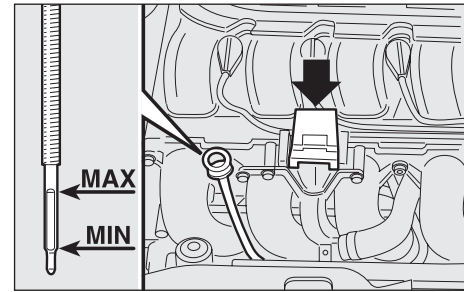
The engine oil level must be checked with the car on level ground and while the engine is still hot (approximately 5 minutes after turning it off).

- Remove the dipstick.
- Clean it with a cloth that does not leave threads or other impurities.
- Put the dipstick into its seat pushing it down.
- Take it out, the oil level shall be between the MIN and MAX marks on the dipstick.

The space between the MIN and MAX marks corresponds to about one litre of oil.

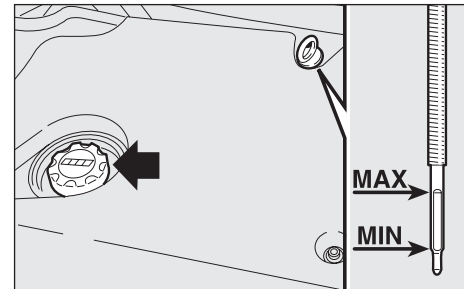
If the oil level is near or even below the MIN mark, add oil through the filler neck until reaching the MAX mark.

Oil level shall never exceed the MAX mark.



100 16v version

F0E0166m



JTD 120 version

F0E0167m

ENGINE OIL CONSUMPTION

Max engine oil consumption is usually 400 grams every 1000 km.

When the car is new, the engine needs to run in, therefore the engine oil consumption can only be considered stabilised after the first 5000 ÷ 6000 km.

IMPORTANT The oil consumption depends on driving style and the conditions under which the car is used.



WARNING

When the engine is hot, take care when working inside the engine compartment to avoid burns. Remember that when the engine is hot, the fan may cut in: danger of injury. Scarves, ties and other loose clothing might be pulled by moving parts.

IMPORTANT After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

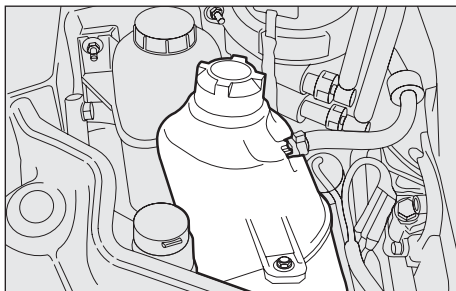
IMPORTANT If a routine check reveals that the oil level is above the MAX mark, contact Fiat Dealership to have the correct level restored.



Do not add oil with specifications other than that already in the engine.



Used engine oil and filter contain harmful substances for the environment. Contact Fiat Dealership to have the oil and filter changed, as they are equipped to dispose of the waste oil and filters respecting the nature and the law.



FOE0682m

ENGINE COOLANT

The coolant level shall be checked with cold engine and shall be between the MIN and MAX marks on the reservoir.

If the level is low, pour slowly a mixture of 50% water and 50% FL Selenia PARAFU UP through the filler neck until reaching the MAX mark.

A 50-50 mixture of PARAFU UP and water gives freeze protection to -35°C .



The engine cooling system uses PARAFU UP fluid, top up only with fluid of the same type. PARAFU UP cannot be mixed with other types of fluid; if mixed, do not start the engine and contact Fiat Dealership immediately.



WARNING

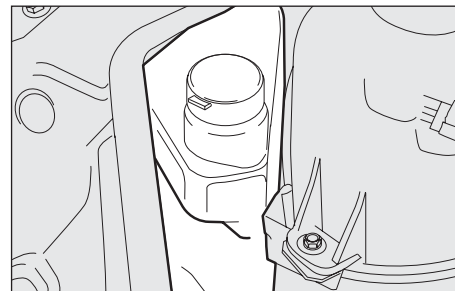
The cooling system is pressurised. If necessary, replace the cap only with another genuine one, otherwise system efficiency could be compromised. Do not remove the reservoir cap when the engine is hot: you risk scalding yourself.

WINDSCREEN/REAR WINDOW/HEADLIGHT WASHER FLUID

To top up, remove the cap (you shall hear a click) and then pour a mixture of water and TUTELA PROFESSIONAL SC 35, in the following concentrations:

- ☐ 30% TUTELA PROFESSIONAL SC 35 and 70% water in summer.
- ☐ 50% TUTELA PROFESSIONAL SC 35 and 50% water in winter.

In case of temperatures below -20°C , use undiluted TUTELA PROFESSIONAL SC 35 fluid.



F0E0683m



WARNING

Do not travel with the windscreen washer reservoir empty. The windscreen washer is fundamental for improving visibility.



WARNING

Certain commercial additives for windscreen washers are inflammable. The engine compartment contains hot components which may set it on fire.

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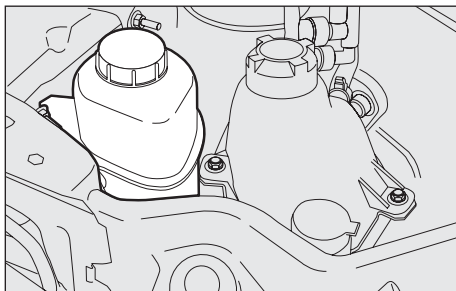
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FOE0684m

POWER STEERING FLUID

Check that the fluid level is between the MIN and MAX marks on the reservoir with the car parked on level ground and engine cold.

When the oil is hot the level may exceed the MAX mark.

If necessary add oil making sure that it has the same specifications as the oil already in the system.



The oil consumption is very low; if, after topping up it becomes necessary to top up again quite soon after, have the system checked by Fiat Dealership for any leaks.



WARNING

Do not allow the power steering fluid to come into contact with the hot parts of the engine: it is inflammable.

BRAKE FLUID

Unscrew cap (A) and check that the fluid level in the reservoir is at maximum.

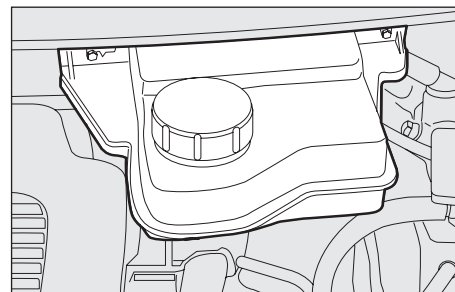
Fluid level in the reservoir shall not exceed the MAX mark.

Check that the fluid level in the reservoir is at maximum.

Top up with the brake fluid specified in the table "Fluids and lubricants" (see section "Technical Specifications ")

When opening the cap take the utmost care to prevent impurities entering the tank.


When topping up, always use a funnel with built-in filter with mesh equal to or lower than 0.12 mm.



Make sure that the highly corrosive brake fluid does not drip onto the paintwork; if it does, wash it off immediately with water.



WARNING

Symbol  on the container indicates synthetic brake fluid, distinguishing it from the mineral kind. Using mineral fluids irreversibly damages the special braking system rubber seals.



WARNING

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts involved immediately with neutral soap and water, then rinse thoroughly. Call the doctor immediately if the fluid is swallowed.

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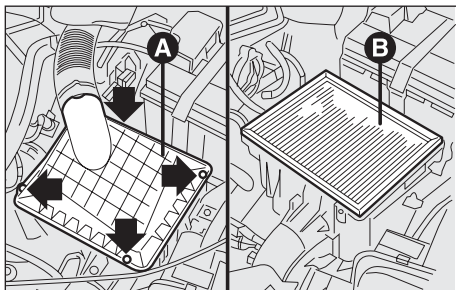
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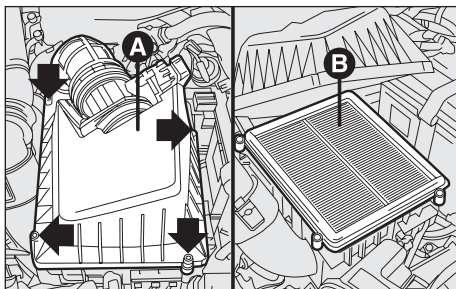
Petrol version

FOE0172m

AIR CLEANER

REPLACEMENT

Undo the four screws, remove cover (A) and take out the filtering element (B) to be replaced.



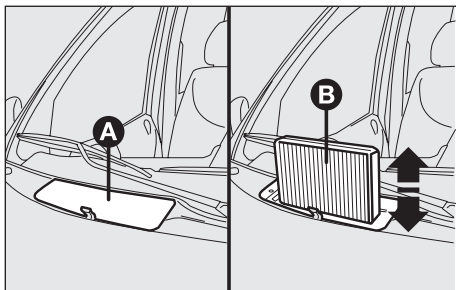
Diesel version

FOE0173m

POLLEN FILTER

If the car is used frequently in dusty or heavily polluted environments it is advisable to replace the filtering element more frequently than specified in the Service Schedule in this section; in particular it should be replaced if a reduction of the amount of air admitted to the passenger compartment is noted.


To replace it, take out cover (A) (restrained) using a screwdriver, remove the second cover by removing the four fastening screws and take out the filtering element (B) to be replaced.



FOE0686m

DIESEL FUEL FILTER

DRAINING THE CONDENSE (diesel versions)

IMPORTANT The presence of water in the fuel circuit can severely damage the injection system and make the engine misfire. If the warning light  turns on, contact a Fiat Dealership as soon as possible to have the bleeding operation carried out.

If the warning light comes on immediately after refuelling, water is probably present in the tank: turn the engine off immediately and contact Fiat Dealership.

BATTERY

Fiat Multipla battery is of the “Limited maintenance” type: under normal conditions of use it does not require topping up with distilled water.

CHECKING THE BATTERY FLUID LEVEL (electrolyte)

Check the electrolyte level (and top up if required) at the intervals shown in the Service Schedule in this section. Have this operation carried out at Fiat Dealership.



Batteries contain substances that are very harmful for the environment. You are advised to have the battery changed at a Fiat Dealership, which is properly equipped for disposing of used batteries respecting nature and law.



WARNING

The liquid in the battery is poisonous and corrosive. Avoid contact with eyes and skin. Do not bring naked flames or possible sources of sparks near to the battery: risk of fire and explosion.

CHANGING THE BATTERY

If required, replace the battery with a genuine spare part having the same specifications. If a battery with different specifications is fitted, the service intervals given in the “Service Schedule” in this section will no

longer be valid. Refer to the instructions provided by the battery’s Manufacturer.



Incorrect fitting of electrical and electronic accessories can seriously damage the car. If after buying the car, you want to install electric accessories which require permanent electric supply (alarm, sound system, free-hand phone kit, etc.) contact Fiat Dealership whose qualified personnel, in addition to suggesting the most suitable devices, will evaluate the overall electric absorption, checking whether the car’s electric system is capable of withstanding the load required, or whether it should be integrated with a more powerful battery.



WARNING

If the car is left inactive for long periods at cold, remove the battery and store it in a warm place to prevent freezing.



WARNING

When working on the battery or near it, always wear the proper goggles.



WARNING

Running the battery with low fluid level can damage the battery beyond repair and could also cause its explosion.

USEFUL ADVICE FOR LENGTHENING THE LIFE OF YOUR BATTERY

To avoid draining your battery and lengthen its life, observe the following indications:

- when you park the car, ensure the doors, tailgate and bonnet are closed properly. Passenger's compartment lights must be off;
- ceiling lights must be off. The car is however provided with an automatic system for switching off internal lights;
- 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 cable;
- battery terminals shall always be perfectly tightened.

IMPORTANT A battery which is kept at a charge of less than 50% (optical indicator with dark colour without green area in the middle) for any length of time will be damaged by sulphation leading to a reduction in cranking power.

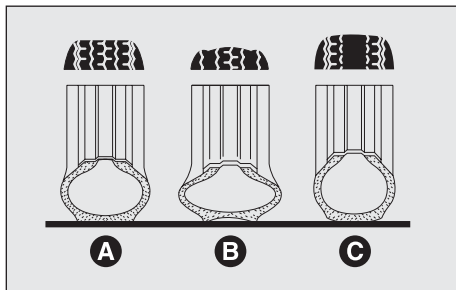
Moreover, this might lead to a higher risk of the battery electrolyte freezing (this may even occur at -10°C). If the car is inactive for a long period of time, refer to "Storing the car", in section "Driving your car".

If after buying the car, you want to install electric accessories which require permanent electric supply (alarm, etc.) contact Fiat Dealership whose qualified personnel, in addition to suggesting the most suitable devices, will evaluate the overall electric absorption, checking whether the car's electric system is capable of withstanding the load required, or whether it should be integrated with a more powerful battery.

In fact, since these devices continue absorbing energy even when the ignition key is off, they gradually run down the battery.

The total intake of these systems (factory and after-market) must be less than $0.6 \text{ mA} \times \text{Ah}$ (of the battery) as shown in the following table:

Battery	Maximum admitted stand-by intake
40 Ah	24 mA
50 Ah	30 mA



FOE0177m

WHEELS AND TYRES

TYRE PRESSURE

Check the pressure of each tyre, including the spare wheel, every two weeks and before long journeys. The pressure should be checked with the tyre rested and cold.

It is normal for the pressure to rise when you are driving; for the correct tyre inflation pressure, see “Wheels” in “Technical specifications” section.

Incorrect pressure causes abnormal tyre wear:

- (A) - Correct pressure: tread evenly worn.
- (B) - Underinflated tyre: shoulder tread wear.
- (C) - Overinflated tyre: centre tread wear.

Tyres must be replaced when the tread wears down to 1.6 mm. In any case, comply with the regulations in force in the country where the car is being driven.

IMPORTANT NOTES

- As far as possible, avoid sharp braking and screech starts, etc. Be careful not to hit the kerb, potholes or other obstacles hard. Driving for long stretches over bumpy roads can damage the tyres;
- periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tyre wear. If any of these occur, contact a Fiat Dealership.
- avoid overloading the vehicle when travelling: this may cause serious damage to the wheels and tyres.

- ❑ if a tyre is punctured, stop immediately and change it to avoid damage to the tyre, the rim, suspensions and steering system.
- ❑ tyres age even if they are not used much. Cracks in the tread rubber are a sign of ageing. In any case, if the tyres have been on the car for over 6 years, they should be checked by specialised personnel, to see if they can still be used. Also remember to check the space-saver spare wheel.
- ❑ in the case of replacement, always fit new tyres, avoiding those of dubious origin.

- ❑ if a tyre is changed, also change the inflation valve.
- ❑ to allow even wear between the front and rear tyres, it is advisable to change them over every 10-15 thousand kilometres, keeping them on the same side of the car so as to not reverse the direction of rotation.

**WARNING**

Remember that road holding depends also on the correct tyre inflating pressure.

**WARNING**

If the pressure is too low the tyre overheats and this can cause it serious damage.

**WARNING**

Do not cross switch the tyres, moving them from the right of the car to the left and vice versa.

**WARNING**

Never submit alloy rims to repainting treatments requiring to use temperatures exceeding 150°C since the mechanical properties of the wheels could be impaired.

RUBBER TUBING

As far as the brake system and fuel rubber hoses are concerned, carefully follow the Service Schedule in this section. Indeed ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks. Careful control is therefore necessary.

WINDSCREEN/ REAR WINDOW WIPERS

BLADES

Periodically clean the rubber part using special products; TUTELA PROFESSIONAL SC 35 is recommended.

If the rubber blades are bent or worn they should be replaced. In any case they should be changed once a year.

A few simple notions can reduce the possibility of damage to the blades:

- if the temperature fall below zero, make sure that ice has not frozen the rubber against glass. If necessary, thaw using an antifreeze product;
- remove any snow from the glass: in addition to protecting the blades, this prevents effort on the motor and overheating;
- do not operate the windscreen and rear window wipers on dry glass.



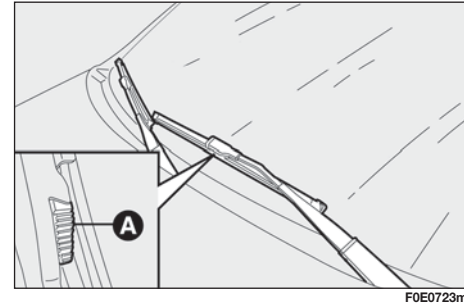
WARNING

Driving with worn wiper blades is a serious hazard, because visibility is reduced in bad weather.

Changing the windscreen wiper blades

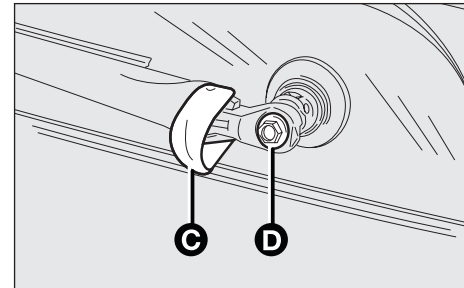
On certain versions, to remove the blade proceed as follows:

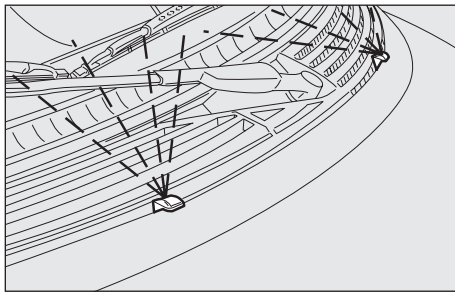
- ❑ Raise the windscreen wiper arm and position the blade so that it forms an angle of 90° with the arm;
- ❑ press tabs (A) (set aside the blade) and remove the blade from the arm;
- ❑ Fit the new blade by inserting it into the special slot in the arm. Make sure it is properly locked into place.



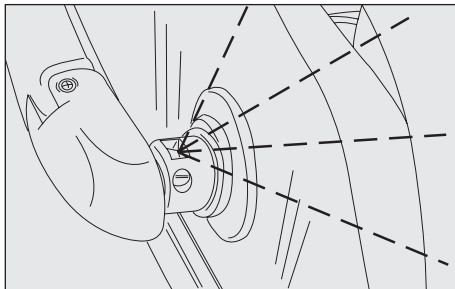
Changing the rear window blade

- ❑ Lift the cover (C).
- ❑ Loosen screw (D).
- ❑ Remove the blade to be replaced and fit the new blade, making sure that during operation it reaches the lower edge of the window.





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SPRAY NOZZLES

If there is no jet of fluid, first make sure there is fluid in the reservoir: see “Checking fluids” in this section.

Then check that the nozzle holes are not clogged, if necessary use a needle.

The windscreen jets are directed by adjusting the angle of the nozzles.

Fluid jets shall be directed at about 250 mm from the window upper edge.

Rear window wiper nozzle holder is set at the base of the rear window wiper. Nozzles are fixed and cannot be adjusted.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The main causes of corrosion are:

- atmospheric pollution;
- salty air and humidity (coastal areas, or hot humid climates);
- seasonal environment conditions.

In addition, the abrasiveness of dust in the atmosphere and sand carried by the wind as well as mud and stones kicked up by other cars must not be underestimated.

On your Fiat Multipla, Fiat implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These include:

- painting products and systems which give the car particular resistance to corrosion and abrasion;
- use of galvanised (or pre-treated) steel sheets, with high resistance to corrosion;
- spraying the underbody, engine compartment, wheelhouse internal parts and other parts with highly protective wax products;
- spraying of plastic parts, with a protective function, in the most exposed points: underdoor, inner fender parts, edges, etc.
- use of “open” boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

BODY AND UNDERBODY WARRANTY

Your Fiat Multipla 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 Fiat Warranty Booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paint

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

In the case of deep scrapes or scores, you are advised to have the necessary touching up carried out immediately to avoid the formation of rust.

Only use original products when touching up the paintwork (see section “Technical specifications”).

Ordinary paint maintenance consists in washing at intervals depending on the conditions and environment of use. For example, in highly polluted areas, or if the roads are sprayed with salt, it is wise to wash the car more frequently.

To wash the car properly:

- remove the aerial from the roof to prevent damages if the car is washed in an automatic carwash;
- wash the body using a low pressure jet of water.
- wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing with the sponge.

- rinse well with water and dry with a jet of air or a chamois leather.

When drying, take particular care with the less visible parts like door frames, bonnet and around the headlights where water may collect. The car should not be taken to a closed area immediately, but left in the open so that residual water can evaporate.

Do not wash the car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

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

Where possible, do not park under trees; the resinous substance many species release give the paint a dull appearance and increase the possibility of triggering rust processes.

IMPORTANT Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.



Detergents cause water pollution. Therefore the engine compartment should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

Windows

Use specific window cleaner products to clean cloths to avoid scratching the glass or damaging the transparency.

IMPORTANT The inside of the rear window should be wiped gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Engine compartment

At the end of the winter the engine compartment should be carefully washed, without directing the jet against electronic control units. Contact a specialised workshop to have this done.

IMPORTANT Wash with the engine cold and the ignition key at STOP. After washing make sure that the various protections (e.g. rubber caps and various covers) have not been damaged or removed.

Front headlights

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

IMPORTANT Wash with the engine cold and the ignition key at STOP. After washing make sure that the various protections (e.g. rubber caps and various covers) have not been damaged or removed.

INTERIORS

Periodically check that water is not trapped under the mats (due to water dripping off shoes, umbrellas, etc.) which could cause oxidisation of the sheet metal.

CLEANING SEATS AND FABRIC/JERSEY UPHOLSTERY

- Use a soft brush or vacuum cleaner to remove dust.
- Rub the seats with a sponge moistened with a solution of water and neutral detergent.

PLASTIC PARTS INSIDE THE CAR

Clean the plastic parts inside the car with a cloth moistened with a solution of water and non-abrasive neutral detergent. To remove grease or hard stains, use special solvent-free products designed not to alter the appearance and colour of components.

IMPORTANT Do not use alcohol or petrol to clean the instrument panel.



Detergents cause water pollution. Therefore the engine compartment should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

STEERING WHEEL / GEAR LEVER KNOB WITH GENUINE LEATHER COVERING

These components shall only be cleaned with water and neutral soap.

Never use spirit or alcohol-based products.

Before using special products for cleaning interiors, read carefully label instructions and indications to make sure they are free from spirit and/or alcohol-based substances.

If when cleaning the windscreen with special glass products, some drops fall on the leather covering of the steering wheel/gear lever knob remove them immediately and then clean with water and neutral soap.

IMPORTANT Take the utmost care when engaging the steering lock to prevent scratching the leather covering.



WARNING

Never use inflammable products like fuel oil ether or rectified petrol for cleaning inside the car. The electrostatic discharges generated when rubbing to clean may cause fire.



WARNING

Do not keep aerosol cans in the car. They might explode. Aerosol cans must never be exposed to a temperature above 50°C. The temperature inside the car exposed to the sun may go well beyond that figure.

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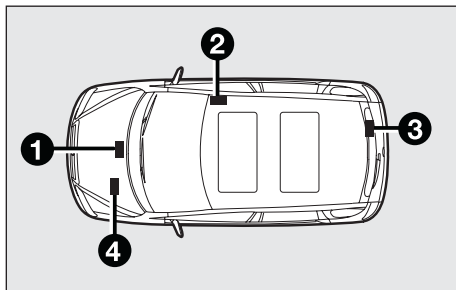
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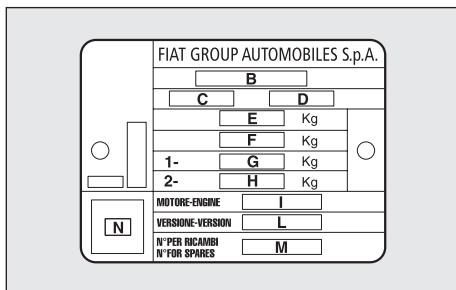
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IDENTIFICATION DATA

You are advised to note the identification codes. The identification data stamped and given on the plates and their position are the following:

- 1 - Model plate.
- 2 - Chassis marking.
- 3 - Bodywork paint identification plate.
- 4 - Engine marking.

MODEL PLATE

The plate is to be found in the engine compartment and 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 first axle (front)
- H - Maximum vehicle weight on second axle (rear)
- I - Engine type
- L - Body version code
- M - Spare part code
- N - Correct grade of smoke (diesel engines).

BODYWORK PAINT IDENTIFICATION PLATE

The plate is applied inside the tailgate and it bears the following data:

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

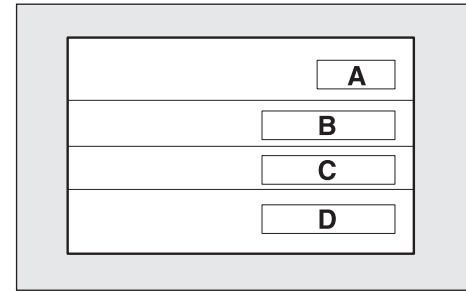
CHASSIS MARKING

It is printed on the passenger compartment floor. It can be reached by lifting the special flap (A) and includes the following data:

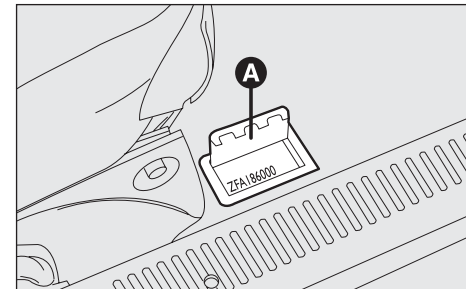
- car model: ZFA 186 000
- chassis number.

ENGINE MARKING

Engine marking is stamped on the cylinder block and includes the model and the chassis number.



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ENGINE CODES - BODYWORK VERSIONS

		Engine code	Body version
100 16V		182B6.000	186AXCIA 02F
JTD 115 (*)		186A8.000	–
JTD 120		186A9.000	186AXGIA 07
VAN 100 16V	4 seat	182B6.000	186BXCIA 00T
	5 seat	182B6.000	186BXCIA 00U
VAN JTD 120	4 seat	186A9.000	186BXGIA 04C
	5 seat	186A9.000	186BXGIA 04D

(*) Engine model provided for certain versions/markets only

ENGINE

GENERAL FEATURES		100 16V	JTD 115 (*)	JTD 120
Engine code		182B6.000	186A8.000	186A9.000
Cycle		Otto	Diesel	Diesel
Number and layout of cylinders		4 in line	4 in line	4 in line
Number of valves per cylinder		4	2	2
Piston bore and stroke	mm	80.5 x 78.4	82 x 90.4	82 x 90.4
Total displacement	cm ³	1596	1910	1910
Compression ratio		10.5 : 1	18 : 1	18 : 1
Maximum power (EEC)	kW	76	85	88
	HP	103	115	120
	corresponding ratio	rpm	5750	4000
Torque (EEC)	Nm	145	203	206
	kgm	14.8	20.7	21.0
	corresponding ratio/s	rpm	4000	1500
Spark plugs		NGK BKR5EZ CHAMPION RC10YCC	– –	– –
Fuel		Unleaded petrol 95 RON (Specification EN228)	Diesel fuel for motor vehicles (Specification EN590)	Diesel fuel for motor vehicles (Specification EN590)

(*) Engine model provided for certain versions/markets only

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FUEL FEED/IGNITION

	100 16V	JTD 120
Ignition	Multipoint sequential phased electronic injection, integral with ignition.	Direct injection with electronically controlled Multijet "Common Rail" variable geometry turbosupercharger and intercooler.

TRANSMISSION

	100 16V - JTD 120
Gearbox	Five forward gears and reverse with synchromesh for forward gear engagement
Clutch	Self-adjusting pedal without idle stroke
Drive	Front



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

BRAKES

100 16V - JTD 120

Service brakes:

– front

Disc, self-ventilating

– rear

Drum, self-centring shoes with mechanism for backlash recovery.
Disc on cars fitted with ESP (optional).

Handbrake

Controlled by a lever, it works on the rear brakes

IMPORTANT Water, ice and antifreeze salt on roads may deposit on the brake discs thus reducing braking efficiency at first braking.

SUSPENSIONS

100 16V - JTD 120

Front

Mc Pherson independent wheels.

Rear

Independent wheels.

STEERING

100 16V- JTD 120

Type

Rack and pinion with power steering.

Minimum steering cycle

m

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WHEELS

RIMS AND TYRES

Pressed steel or alloy rims (where provided). Tubeless tyres with radial carcass.

All homologated tyres are listed in the log book.

IMPORTANT In the event of discrepancies between the information provided on this OWNER HANDBOOK and the LOG BOOK, consider the specifications shown in the log book only.

Attaining to the prescribed size, to ensure safety of the car in movement, it must be fitted with tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

WHEEL GEOMETRY

Front wheel toe-in measured from rim to rim: -3 ± 1 mm.

SPACE-SAVER SPARE WHEEL

Pressed steel rim. Tubeless tyre.

SNOW TYRES

Use the snow tyres specified in section “Driving your car” in paragraph “Snow tyres”.

SNOW CHAINS

Only use low profile chains, see section “Driving your car” in paragraph “Snow chains”.

UNDERSTANDING TYRE MARKING

Example: 185/65 R15 88H

185 = Nominal width (distance between sidewalls in mm).

65 = Height/width ratio (as a percentage).

R = Radial tyre.

15 = Rim diameter in inches.

88 = Load rating.

H = Maximum speed rating.

Maximum speed rating

Q = up to 160 km/h.

R = up to 170 km/h.

S = up to 180 km/h.

T = up to 190 km/h.

U = up to 200 km/h.

H = up to 210 km/h.

V = over 210 km/h.

Maximum speed rating for snow tyres

Q M + S = up to 160 km/h.

T M + S = up to 190 km/h.

H M + S = up to 210 km/h.

Load rating

60 = 250 kg

61 = 257 kg

62 = 265 kg

63 = 272 kg

64 = 280 kg

65 = 290 kg

66 = 300 kg

67 = 307 kg

68 = 315 kg

69 = 325 kg

70 = 335 kg

71 = 345 kg

72 = 355 kg

73 = 365 kg

74 = 375 kg

75 = 387 kg

76 = 400 kg

77 = 412 kg

78 = 425 kg

79 = 437 kg

80 = 450 kg

81 = 462 kg

82 = 475 kg

83 = 487 kg

84 = 500 kg

85 = 515 kg

86 = 530 kg

87 = 545 kg

88 = 560 kg

89 = 580 kg

90 = 600 kg

91 = 615 kg

92 = 630 kg

93 = 650 kg

94 = 670 kg

95 = 690 kg

96 = 710 kg

97 = 730 kg

98 = 750 kg

99 = 775 kg

100 = 800 kg

101 = 825 kg

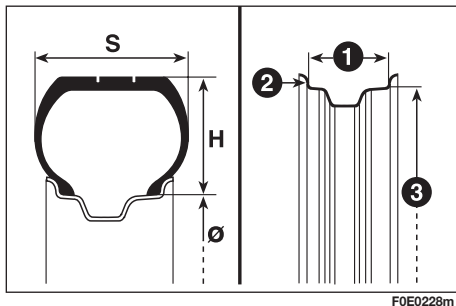
102 = 850 kg

103 = 875 kg

104 = 900 kg

105 = 925 kg

106 = 950 kg



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UNDERSTANDING RIM MARKING

The following are the necessary indications to understand the meaning of the markings on the rim, as shown in the figure.

Example: 6 J x 15 H2

6 = rim width in inches (1)

J = rim drop center 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 = “hump” shape and number (relief on the circumference holding the TUBELESS tyre bead on the rim)

	Rim	Tyre	Snow Tyre	Space-saver spare wheel	
				Rim	Tyre
100 16V - JTD 120	6 J x 15 6½ J x 15 7 J x 17	185/65 R15 88H 195/60 R15 88H (*) 205/45 R17 88V (*) (□)	185/65 R15 88Q 195/60 R15 88Q -	4B x 15	125/80 R15 95M
VAN 100 16V VAN JTD 120	6 J x 15	185/65 R15 88H 195/60 R15 88H (*)	185/65 R15 88Q 195/60 R15 88Q	spare wheel with standard size	

(*) Where provided.

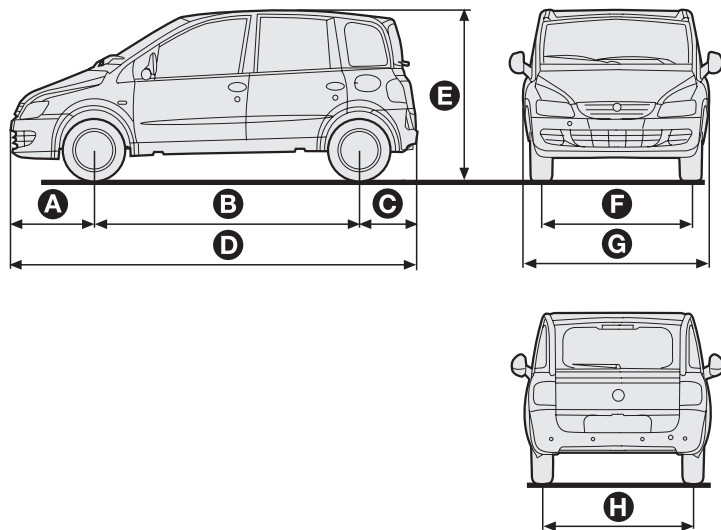
(□) Tyre that cannot be fitted with snow chains

COLD TYRE INFLATION PRESSURE (bar)

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.

Tyre	From 1 person (driver) to 4 people plus 40 kg load (arranged in the boot)		From 4 people plus 40 kg load up to a maximum of 6 people plus 60 kg load (arranged in the boot)		1 arranged in the boot 500 kg load (arranged in the proper space obtained by removing the rear seats, without exceeding the max. load admitted on rear axle)		Space-saver spare wheel
	Front	Rear	Front	Rear	Front	Rear	
185/65 R15 88H	2.3	2.3	2.5	2.5	2.5	3.0	4.2
195/60 R15 88H	2.3	2.3	2.5	2.5	2.5	3.0	4.2
205/45 R17 88V	2.7	2.7	2.8	2.9	2.7	2.9	4.2



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DIMENSIONS

Boot volume (VDA standards):

- normal conditions 430 dm³.
- up to roof and with rear seats removed 1900 dm³.

height is with car unladen.

Dimensions in mm

	A	B	C	D	E	F	G	H
100 16v	837	2666	586	4089	1695	1515	1871	1520
JTD 120	837	2666	586	4089	1695	1515	1871	1520

Boot		4-seat	5-seat
Length	mm	690	690
Max. width	mm	1440	1440
Width between wheelhouse	mm	1215	1215
Effective height	mm	1168	1168
Boot volume:			
– up to waist	dm ³	–	–
– up to rear parcel shelf	dm ³	355	355
– up to roof	dm ³	495	495

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PERFORMANCE

Top speeds after running in, in kph.

100 16V	
VAN 100 16V	170
JTD 115 (*)	176
JTD 120	
VAN JTD 120	178

(*) Engine model provided for certain versions/markets only

WEIGHTS

Weights (kg)	100 16V	JTD 120
Empty weight (including all fluids, fuel tank at 90 % and with no optional):	1300	1370
Payload (*) including the driver:	690	680
Maximum admitted loads (**)		
– front axle:	1050	1100
– rear axle:	1050	1050
– total:	2025	2050
Towable loads		
– trailer with brakes:	1200 (900)•	1300 (900)•
– trailer without brakes:	560	560
Maximum load on roof:	80	80
Maximum load on tow hitch (trailer with brakes):	70	70

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases thus reducing the payload as specified in the maximum loads allowed.

(**) Loads not to be exceeded. The driver is responsible for arranging the loads in the boot an/or on the roof so that they comply with these limits.

With headlights turned on, load must not exceed the values indicated in paragraph “Headlights” in section “Dashboard and controls”.

(•) For specific markets.

Weights (kg)

	VAN 100 16V		VAN JTD 120	
	4-seat	5-seat	4-seat	5-seat
Kerb weight (with fuel, spare wheel, tools and accessories):	1350	1350	1420	1420
Payload (*) including the driver:	4p + 290	5p + 255	4 p+ 280	5p + 245
Maximum admitted loads (**)				
– front axle:	1050	1050	1050	1050
– rear axle:	1050	1050	1050	1050
– total:	1940	1980	2000	2040
Towable loads				
– trailer with brakes:	1200	1200	1300	1300
– trailer without brakes:	560	560	560	560
Maximum load on roof:	80	80	80	80
Maximum load on tow hitch (trailer with brakes):	70	70	70	70

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases thus reducing the payload as specified in the maximum loads allowed.

(**) Loads not to be exceeded. The driver is responsible for arranging the loads in the boot an/or on the roof so that they comply with these limits.

With headlights turned on, load must not exceed the values indicated in paragraph “Headlights” in section “Dashboard and controls”.

CAPACITIES

		100 16V	JTD 120	Specified fuels Recommended products
Fuel tank:	litres	63	63 (■)	Unleaded Premium petrol with no less than 95 R.O.N. (EN228 Specification) (■) Diesel fuel for motor vehicles (EN590 Specification)
including a reserve of:	litres	7	7 (■)	
Engine cooling system				Mixture of distilled water and PARAFU UP at 50%
– with heater:	litres	7	6.3l	
– with climate control:	litres	6.7	6.6l	
Engine sump:	litres	3.5	4.2 (▲)	SELENIA 20K (□) (▲) SELENIA WR
Engine sump and filter:	litres	3.8	4.5 (▲)	
Engine sump, filter and lines (1 st in-factory filling):	litres	4.5	4.8 (▲)	
Gearbox and differential:	litres	1.98	1.98	TUTELA CAR TECHNIX
Hydraulic power steering:	kg	0.8	0.8	TUTELA GI/E
CV joint boot (each):	kg	0.003 (○)	0.003	TUTELA ALL STAR (○) TUTELA STAR 700
Front and rear hydraulic brake circuit:	litres	0.40	0.40	TUTELA TOP 4
Hydraulic brake circuit with ABS:	litres	0.45	0.45	TUTELA TOP 4
Windscreen washer fluid reservoir:	litres	4.9	4,9	Mixture of water and TUTELA PROFESSIONAL SC 35

(□) For very cold temperatures, we recommend **SELENIA MULTIPOWER**

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FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND THEIR SPECIFICATIONS

Use	Fluid and lubricant specifications for correct car operation	Original fluids and lubricants	Change
Lubricants for petrol engines	Synthetic-based engine oils grade SAE 10W-40 that pass ACEA A3. FIAT 9.55535-G2 qualification	SELENIA 20K Contractual Technical Reference N° F405.N04	According to Service Schedule
Lubricants for diesel engines	Synthetic-based engine oils grade SAE 5W-40 that pass ACEA B4, API CF. FIAT 9.55535-GN2 qualification	SELENIA WR Contractual Technical Reference N° F515.D06	According to Service Schedule

For diesel engines, in the event of emergencies when genuine products are not available, lubricants providing at least ACEA B4 performance are allowed; in that case, engine best performance is not guaranteed; we recommend to have it replaced as soon as possible with the recommended lubricants by the Fiat Dealership.

Use of products with low-quality properties than ACEA A3 and ACEA B4 could cause damages to the engine that are not covered by the warranty.

For very cold climate conditions, ask Fiat Dealership for the appropriate **Selenia** product to use.

Use	Fluid and lubricant specifications for correct car operation	Original fluids and lubricants	Applications
Lubricants and greases for transmission	L Synthetic-based oils, grade SAE 75W- 85 that passes API GL4 PLUS specifications. Qualification FIAT 9.55550-MX3	TUTELA CAR TECHNIX Contractual Technical Reference N° F010.B05	Mechanical gearbox and differential
	Lubricant for power. That passes ATF DEXRON III specifications. Qualification FIAT 9.55550-AG2	TUTELA GI/E Contractual Technical Reference N° F001.C94	Hydraulic power steering
	Grease containing Molybdenum bisulphide for high temperature appliances. N.L.G.I. 1-2 consistency. Qualification FIAT 9.55580	TUTELA ALL STAR Contractual Technical Reference N° F702.G07	CV joints on wheel side
	Specific grease to be used for constant-velocity joints with low friction coefficient. N.L.G.I. 0-1 consistency. Qualification FIAT 9.55580	TUTELA STAR 700 Contractual Technical Reference N° F701.C07	CV joints on differential side (excluding I.9 Multijet versions)
Brake fluids	Synthetic fluid FMVSS no. 116 DOT 4, ISO 4925 SAE J1704, CUNA NC 956- 01. Qualification FIAT 9.55597	TUTELA TOP 4 Contractual Technical Reference N° F001.A93	Brake and clutch hydraulic controls
Additive for diesel fluid	Additive for diesel fuel, protecting Diesel engines	TUTELA DIESEL ART Contractual Technical Reference N° F0601.L06	To be mixed with fuel oil (25 cc per 10 litres)
Protective agent for radiatore	Red protective with antifreeze action, based on inhibited monoethylen glycol with organic formula based on O.A.T, that passes CUNA NC 956-16, ASTM D 3306 specifications. Qualification FIAT 9.55522	PARAFU UP (*) Contractual Technical Reference N° F101.M01	Radiator antifreeze proportion: 50% water and 50% PARAFU UP (□)
Windscreen/ rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NC 956-II. Qualification FIAT 9.55522	TUTELA PROFESSIONAL SC 35 Contractual Technical Reference N° F201.D02	To be used diluted or undiluted in windscreen/ rear window washer/ wiper systems

(*) IMPORTANT Do not top up or mix with fluids having characteristics different from those specified.

(□) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFU UP and demineralised water.

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FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the homologation tests set down by specific European Directives.

Consumption values are defined by means of the following procedures:

- urban cycle: cold starting followed by driving that simulates urban use of the car;
- extra-urban cycle: frequent accelerating in all gears, simulating extraurban use of the car: the speed varies between 0 and 120 km/h;
- combined consumption: is calculated weighing about 37% of urban cycle consumption and about 63% of extraurban consumption.

IMPORTANT Road and traffic conditions, weather, driving style, general conditions of the car, fittings and accessories, load, use of climate control system, roof rack and other situations can affect drag and therefore may lead to fuel consumption levels different from those shown in the table.

Fuel consumption according to European Directive 1999/100/EC (litres x 100 km)

	100 16V	JTD 120
Urban	11.1	8.2
Extra-urban	7.2	5.6
Combined, average	8.6	6.5

CO₂ EMISSIONS

The CO₂ emission levels at the exhaust given in the following table refer to combined consumption.

	CO ₂ emissions according to Directive 1999/100/CE (g/km)
100 16V	204
JTD 120	173

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RADIOFREQUENCY REMOTE CONTROL: MINISTERIAL HOMOLOGATION

International code	Country	Homologation code
A	Austria	
B	Belgium	
CH	Switzerland	
D	Germany	
DK	Denmark	
E	Spain	
F	France	
GB	Great Britain	
GR	Greece	
I	Italy	
IRL	Ireland	
IS	Iceland	
L	Luxembourg	
N	Norway	
NL	Holland	
P	Portugal	
S	Sweden	
SF	Finland	

DECLARATION OF CONFORMITY



This declaration is the responsibility of the manufacturer/ authorised representative within the Community :

TRW France SA
15 rue des Sorins BP 819 - 92008 NANTERRE CEDEX - FRANCE
(Name / Address)

This certifies that the following designated products

210300
(Product identification)

Complies with the essential protection requirements of R&TTE Directive 1999/5/ EC on the approximation of the laws of the Member States relating to *Radio Spectrum Matters, EMC and Electrical Safety.*

This declaration applies to all specimens manufactured in accordance with the technical documentation described in the annex II. TRW FRANCE S.A. keeps this documentation at the proposal of the relevant national authorities of any Member State for inspection purpose. Assessment of compliance of the product with the requirements relating to the essential requirements acc. to Article 3 R&TTE was based on Annex IV of the Directive 1999/5/ EC and the following standards:

Radio Spectrum :EN 300 220-1.....
(Identification of regulations / standards)

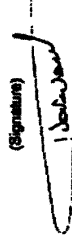
EMC :ETS 300 683.....
(Identification of regulations / standards)

Safety :EN 60950.....
(Identification of regulations / standards)

ⓘ The Transmitter 210300 is a 433.92MHz radio equipment not submitted to harmonised standards. This device is licence exempt and distributed in the European countries which will apply the R&TTE directive: Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and UK.

(Place, date)

Nanterre, 2000-10-03

(Signature)


FREDERIC PIKAVANTI
(Name in block letters)

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PROVISIONS FOR THE PROCESSING OF A VEHICLE AT THE END OF ITS LIFE-CYCLE

For years now Fiat 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, Fiat 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 Fiat web site or call the toll free number 00800 3428 0000.

* Passenger transportation vehicles to seat a max. of nine persons, having a total admissible weight of 3.5 t

SELENIA®

At the heart of your engine.



Always ask your mechanic for **SELENIA®**

Oil change? The experts recommend Selenia.

*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 PERFORMER MULTIPOWER

Particularly ideal for the protection of new generation petrol engines, very effective even in the most severe weather conditions. It guarantees a reduction in fuel consumption (Energy conserving) and it is also ideal for alternative engines.

SELENIA K

is the synthetic lubricant with innovative technology, which ensures improved cold starting for petrol engines and the utmost protection also under typically “urban” conditions of use. Owing to its 5W-40 viscosimetric grade and its special formulation it more effectively meets the emission limits required by new European regulations and exceeds the major international specifications.

SELENIA WR

Oil specifically designed for common rail Multijet engines. Particularly effective during cold starts, it guarantees maximum wear protection and hydraulic tappets control, reduction in consumption and stability at high temperatures.

SELENIA DIGITECH

Fully synthetic lubricant for petrol and diesel engines. Its advanced technology guarantees maximum protection, a reduction in consumption and reliability in extreme climate conditions.

The range also includes Selenia StAR, Selenia Racing, Selenia 20K Alfa Romeo, Selenia TD, Selenia Performer 5W-40
For further information on Selenia products visit the web site www.fliselenia.com.

COLD TYRE PRESSURE (bar)

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.

Tyre	From 1 person (driver) to 4 people plus 40 kg load (arranged in the boot)		From 4 people plus 40 kg load up to a maximum of 6 people plus 60 kg load (arranged in the boot)		1 person (driver) plus 500 kg load (arranged in the boot obtained by removing the rear seats, without exceeding the max. admitted load on the rear axle)		Space-saver spare wheel
	Front	Rear	Front	Rear	Front	Rear	
185/65 R15 88H	2.3	2.3	2.5	2.5	2.5	3.0	4.2
195/60 R15 88H	2.3	2.3	2.5	2.5	2.5	3.0	4.2
205/45 R17 88V	2.7	2.7	2.8	2.9	2.7	2.9	4.2

ENGINE OIL CHANGE

	Engine sump	Engine sump and filter	1st in-factory filling
100 16V	3.5	3.8	4.5
JTD 120	4.2	4.5	4.98

FUEL TANK CAPACITY (litres)

	Tank capacity	Reserve
100 16V - JTD 120	63	7

Only refuel cars with petrol engines with unleaded petrol with octane rating (RON) not less than 95
Diesel fuel for motor vehicles (EN 590 Specification)



The data contained in this publication is intended merely as a guide. FIAT reserves the right to modify the models and versions described in this booklet at any time for technical and commercial reasons. If you have any further questions please consult your FIAT dealer. Printed in recycled paper without chlorine.