FIAT 500L

OWNER HANDBOOK

This Owner Handbook is intended to show the vehicle's operating conditions.

For the enthusiast user who wants to have insights, curiosities and detailed information about the characteristics and functions of the vehicle, Fiat gives the opportunity to consult a dedicated section which is available in electronic format.

ONLINE VEHICLE OWNER HANDBOOK

The following symbol eLUM is reported within the text of the Owner Handbook, next to the subjects for which details are provided.

Go to the ***www.mopar.eu/owner*** website and access your personal area.

The “Maintenance and care” page includes all the information about your vehicle and the link to access *eLUM*, where you will find all the details of the Owner Handbook.

The *eLUM* website is free and will allow you, among many other things, to easily consult the on-board documents of all the other vehicles of the Group.

Have a nice reading and happy motoring!

Dear Customer,

We would like to congratulate and thank you for choosing a Fiat 500L.

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

Here you will find information, advice and important warnings regarding use of your vehicle and how to achieve the best performance from the technical features of your Fiat 500L.

You are advised to read it right through before taking to the road for the first time, to become familiar with the controls and above all with those concerning brakes, steering and gearbox; at the same time, you can understand the vehicle behaviour on different road surfaces.

This document also provides a description of special features and tips, as well as essential information for the safe driving, care and maintenance of your Fiat 500L over time.

After reading it, you are advised to keep the handbook inside the vehicle, for an easy reference and for making sure it remains on board the vehicle should it be sold.

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

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

Enjoy reading. Happy motoring!

IMPORTANT

This Owner Handbook describes all versions of the Fiat 500L; please consider only the information relevant to your vehicle's trim level, engine and version. All data contained in this publication are purely indicative. FCA Italy S.p.A. can modify the vehicle model described in this publication at any time, for technical or commercial purposes. For further information, contact a Fiat Dealership.

READ THIS CAREFULLY

REFUELLING

Petrol engines: only refuel with unleaded petrol with octane rating (RON) not less than 95 in compliance with the European specification EN228. Do not use petrol containing methanol or ethanol E85. Using these mixtures may cause misfiring and driving issues, as well as damage fundamental components of the supply system.
Diesel engines: refuel only with diesel fuel motor vehicles conforming to the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused.
For further details on the use of the correct fuel see the "Refuelling the vehicle" paragraph in the "Starting and driving" chapter.

STARTING THE ENGINE

Make sure that the handbrake is engaged and place the gear lever in neutral. Fully depress the clutch pedal, without pressing the accelerator, then turn the ignition key to MAR and wait for the warning light to switch off (and warning light for diesel versions); turn the ignition key to AVV and release it as soon as the engine starts.
Versions with Dualogic gearbox: make sure that the handbrake is engaged and that the gear lever is in P (Park) or N (Neutral), fully depress the brake pedal, then turn the ignition key to AVV.

PARKING ON FLAMMABLE MATERIAL

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

RESPECTING THE ENVIRONMENT

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

ELECTRICAL ACCESSORIES

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

SCHEDULED SERVICING

Correct servicing of the vehicle is essential for ensuring that it maintains its performance and its safety features, its environmental friendliness and low running costs unchanged in time.

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be intended as regarding an occupant in the driver's seat. Special cases not complying with this rule will be specified as appropriate in the text.
The figures in the Owner Handbook are provided by way of example only: this might imply that some details of the image do not correspond to the actual arrangement of your vehicle. In addition, the Handbook has been conceived considering vehicles with steering wheel on the left side; it is therefore possible that on vehicles with steering wheel on the right side, the position or construction of some controls is not exactly mirror-like with respect to the figure.
To identify the chapter with the information needed you can consult the index at the end of this Owner Handbook.
Chapters can be rapidly identified with dedicated graphic tabs, at the side of each odd page. A few pages further there is a key for getting to know the chapter order and the relevant symbols in the tabs. There is in any case a textual indication of the current chapter at the side of each even page.

WARNINGS AND PRECAUTIONS

While reading this Owner Handbook you will find a series of **WARNINGS** to prevent procedures that could damage your vehicle.
There are also **PRECAUTIONS** that must be carefully followed to prevent incorrect use of the components of the vehicle, which could cause accidents or injuries.
Therefore all **WARNINGS** and **PRECAUTIONS** must always be carefully followed.
WARNINGS and **PRECAUTIONS** are recalled in the text with the following symbols:

personal safety;

vehicle safety;

environmental protection.

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

SYMBOLS

Some vehicle components have coloured labels whose symbols indicate precautions to be observed when using this component.

A plate summarising these symbols can also be found under the bonnet.

VEHICLE CHANGES/ALTERATIONS

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

GETTING TO KNOW YOUR CAR

KNOWING THE INSTRUMENT PANEL

SAFETY

STARTING AND DRIVING

IN AN EMERGENCY

SERVICING AND MAINTENANCE

TECHNICAL SPECIFICATIONS

MULTIMEDIA

INDEX

GETTING TO KNOW YOUR CAR

In-depth knowledge of your new vehicle starts here.

The handbook that you are reading simply and directly explains how it is made and how it works.

That's why we advise you to read it seated comfortably on board, so that you can see immediately what is described here for yourself.

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DASHBOARD

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

I F0Y0042C

1. Adjustable air vents 2. Radio controls on the steering wheel (for versions/markets, where provided) 3. Exterior light control stalk 4. Instrument panel 5. Windscreen wiper/rear window wiper/trip computer control stalk 6. Adjustable and directable central air vents 7. Fixed upper air vent 8. Passenger front airbag 9. Upper glove compartment (for versions/markets, where provided the compartment may be conditioned) 10. Glove compartment 11. Lower glove compartment 12. Control buttons 13. Heating/ventilation system or manual climate control (for versions/markets, where provided) or automatic dual zone climate control (for versions/markets, where provided) 14. USB port/AUX socket (for versions/markets, where provided) 15. **Uconnect™** (for versions/markets, where provided) or radio system setup 16. Ignition device 17. Driver front airbag 18. Cruise Control/Speed Limiter stalk (for versions/markets, where provided)

THE FIAT CODE SYSTEM

This is an electronic engine locking system which increases protection against attempted thefts of the vehicle. It is automatically activated when the ignition key is removed.
There is an electronic device in each key which can identify the signal emitted, when the engine is started, from an aerial built into the ignition switch. The signal is the "password", different every time the vehicle is started, through which the control unit recognises the key and enables starting.

OPERATION

Each time the vehicle is started by turning the ignition key to MAR, the Fiat CODE system control unit sends a recognition code to the Powertrain Control Module to deactivate the immobiliser.
The code is sent only if the Fiat CODE system control unit has acknowledged the code received from the key.

Each time the ignition key is turned to STOP, the Fiat CODE system deactivates the functions of the Powertrain Control Module. If, during starting, the code is not correctly recognised, the warning light switches on in the instrument panel. In this case, turn the key to STOP and then to MAR; if it is still locked, try again with the other keys that come with the vehicle. Contact a Fiat Dealership if you still cannot start the engine.

Activation of warning light while driving

If the warning light switches on, this means that the system is running a self-diagnosis (for example due to a voltage drop). Should the fault persist, contact a Fiat Dealership.

THE KEYS

eLUM

1) 1) 1)

KEY WITHOUT REMOTE CONTROL

The metal insert A fig. 2 of the key operates the ignition device and the door lock.

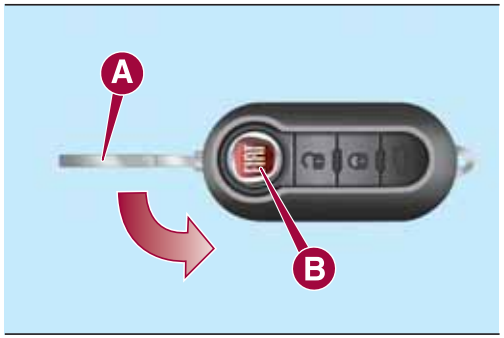
2 F0Y0117C

To request duplicates of the key, go to a Fiat Dealership, taking an ID document and the car ownership documents.

KEY WITH REMOTE CONTROL

(for versions/markets, where provided)

The metal insert A fig. 3 of the key operates the ignition device and the door lock. Press button B to open/close the metal insert.



3 F0Y0019C

Briefly press button 🔓 : for unlocking of doors and luggage compartment, timed switching-on of internal lights and double flashing of direction indicators (for versions/markets where provided). The doors are unlocked automatically if the fuel cut-off system intervenes.
If when locking the doors, one or more doors or the luggage compartment are not closed correctly, the LED on the button 🚗 flashes quickly together with the direction indicators.
Briefly press button 🔒 : lock of doors and luggage compartment with roof lights off and single flash of direction indicators (for versions/markets, where provided). If one or more doors are open, the doors will not be locked. This is indicated by a rapid flashing of the direction indicators (for versions/markets, where provided). If the luggage compartment is open, the doors will, however, be locked.

Briefly press button 🚗 : remote luggage compartment opening. The direction indicators will flash twice to indicate that the luggage compartment has been opened.

REQUEST FOR ADDITIONAL REMOTE CONTROLS

The system can recognise up to 8 keys with incorporated remote control. Should a new remote control be necessary, go to a Fiat Dealership, taking an ID document and the car ownership documents.

SAFE LOCK DEVICE

(for versions/markets, where provided)

⚠ 2)
It prevents the opening of the doors from inside the passenger compartment, serving as an obstacle to break-in attempts (e.g. broken window). We recommend that you activate the device each time you park your car.
Device activation: double press the 🔒 button of the key. The direction indicators flash 3 times and the LED above the internal button flashes to indicate that the device has been activated 🚗 fig. 4. The device does not switch on if one or more doors are not properly shut.

4 F0Y0039C

Device deactivation: press button 🔓 of the key or rotate the ignition key to MAR.

⚠ **WARNING**

1) Press button B fig. 3 only with the key away from your body, specifically from your eyes and from objects which could get damaged (e.g. your clothes). Do not leave the key unattended, to prevent people, especially children, from inadvertently pressing the button.

2) Once the safe lock system is engaged, it is impossible to open the doors from inside the car. Therefore, before getting out of the car check that there is no-one left on board.

WARNING

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

WARNING

1) *Used batteries should be disposed of, as specified by law, in the special containers, otherwise take them to a Fiat Dealership, which will deal with their disposal.*

IGNITION DEVICE

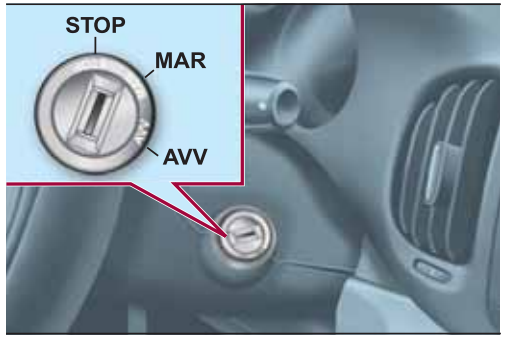
3) 4) 5) 6)

The key can be turned to 3 different positions fig. 5:

❒ STOP: engine off, key can be removed, steering column locked. Some electrical devices (e.g. central door locking system, etc.) can operate;

❒ MAR: driving position. All electrical devices are enabled;

❒ AVV: engine starting.



5 F0Y0044C

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

STEERING LOCK

Engagement: when the key is in position STOP, remove the key and turn the steering wheel until it is locked.
Disengagement: move the steering wheel slightly as you turn the ignition key to MAR.

WARNING

3) *If the ignition device is tampered with (e.g.: attempted theft), have it checked over by a Fiat Dealership as soon as possible before resuming driving.*

4) *When getting out of the vehicle, always remove the key to prevent any occupants from accidentally activating the controls. Remember to engage the handbrake. Engage first gear if the car is parked uphill or reverse if the car is parked downhill. Never leave children unattended in the car.*

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

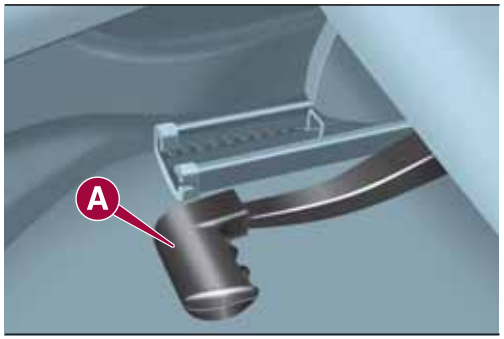
6) *Never remove the key while the car is moving. The steering wheel will automatically lock as soon as it is turned. This also applies to cases in which the vehicle is towed.*

eLUM

7) 9) 2) 3)

FRONT SEATS

Longitudinal adjustment: lift lever A fig. 6 (on the inner side of the seat) and push the seat forwards or backwards: in driving position your arms should rest on the rim of the steering wheel.

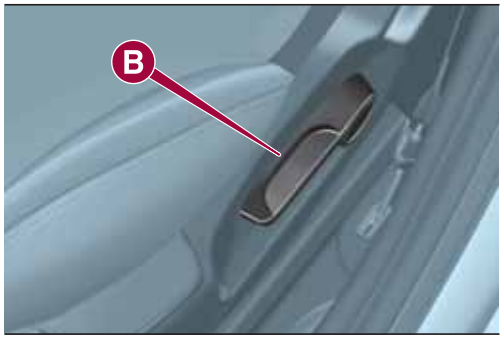


6 F0Y0218C

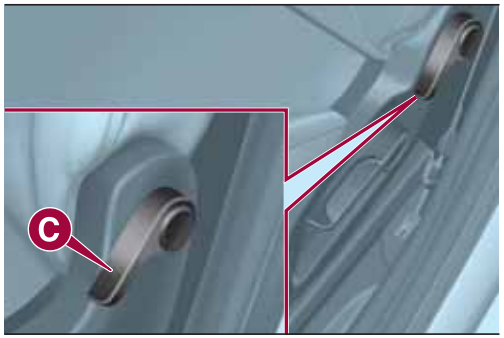
8)

Height adjustment: move lever B fig. 7 upwards or downwards to achieve the required height.

Backrest angle adjustment: move lever C fig. 8 to adjust the backrest angle, accompanying it with the movement of the chest (operate the lever until the desired position is reached, then release it).



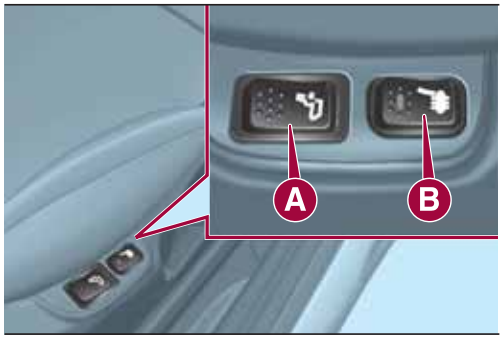
7 F0Y0216C



8 F0Y0217C

Electric lumbar adjustment (for versions/markets where provided): with key at MAR position, press button A fig. 9 to adjust. Release the button when you reach the desired position.

Electric seat heating (for versions/markets, where provided): with the key turned to MAR, press button A fig. 9 to switch the function on/off. When the function is enabled, the LED on the button switches on.



9 F0Y0215C

Table

(for versions/markets, where provided)

10)

On some versions, behind the front seat backrest there is a folding support surface equipped with cup/can holders. In the rear part of the backrests there is also an object retaining net.

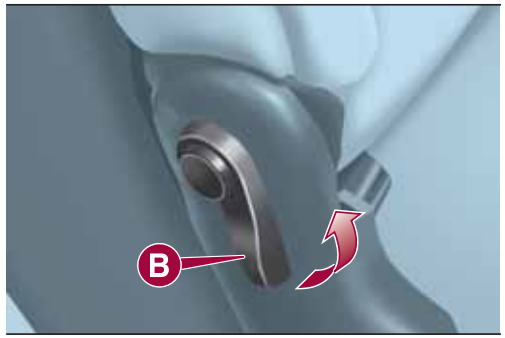
IMPORTANT Do not place objects heavier than 3 kg on the supporting surface: for safety reasons the supporting surface is detached from its housing when subject to higher loads.

REAR SEATS

Longitudinal adjustment: lift the lever A fig. 10 grasping it in the middle and push the seat fully forward or backward.

Backrest tilting adjustment: pull the lever B fig. 11 upwards, accompanying it with the movement of the chest.

10 F0Y0074C



11 F0Y0259C

THIRD-ROW REAR SEATS
(500L LIVING versions)

11) 12)

On some versions, two retractable seat types are available, located behind the rear seats (see fig. 12). The seats can be folded, to get a larger capacity of the load compartment.

12 F0Y0375C

Access to the third row of rear seats

Proceed as follows:

❒ completely lower the second row rear seat head restraints; move the seat belts to the side, making sure that they are correctly extended and not twisted.

❒ operate on lever A fig. 10 to move the second row seat forwards;

❒ lift the release lever B fig. 13 to fold the second row seat completely: the backrest and cushion will be folded forwards automatically. If necessary, accompany the backrest during the initial stage of tilting.

Repositioning of the second row rear seats

13) 14)

To reposition the rear seat: push the seat backwards and secure it (when it clicks into place, this indicates correct positioning).

13 F0Y0073C

Repositioning of the backrest: lift lever B fig. 13 and then lift the backrest until it reaches the vertical coupling position.

IMPORTANT It is advisable to follow the procedures described above, operating from outside the car.

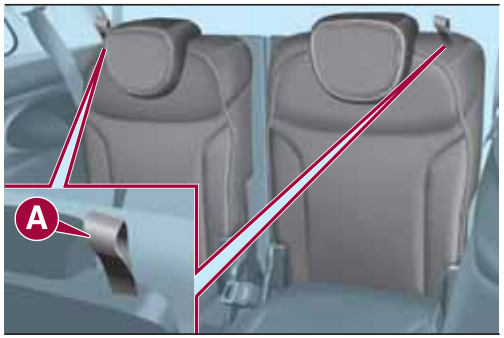
Third row rear seat backrest tilting

15) 4)

Proceed as follows:

❒ completely lower the third row rear seat head restraints; move the seat belts to the side, making sure that they are correctly extended and not twisted.

❒ pull device A fig. 14 upwards to fold the left or right seat backrest. The backrest will be automatically folded forwards. If necessary, accompany the backrest during the initial stage of tilting.



14 F0Y0381C

WARNING

7) *Any adjustment must be performed with the vehicle at a standstill.*

8) *After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If the seat is not locked into place, it may unexpectedly slide and cause the driver to lose control of the vehicle.*

9) *Do not move the front passenger seat table if a child is seated on the same or sitting in the suitable child restraint system.*

10) *Do not travel with the supporting surface open: always make sure it is correctly closed.*

11) *Before setting off, make sure that the seats are locked correctly to their anchoring devices.*

12) *During repositioning of the second row rear seats, sit correctly on the third row rear seats, making sure that your feet do not exceed the red strip located on the floor.*

13) *If there are any passengers sitting on the third row seats, the second row rear seat must be correctly anchored to the floor and the backrest must be in vertical position.*

14) *Make sure that the backrest is correctly secured on both sides to prevent it from moving forward in the event of sharp braking, causing injuries to passengers. A metallic click is heard when locking is correct.*

15) *Do not move the front passenger seat table if a child is seated on the same or sitting in the suitable child restraint system.*

WARNING

2) *The fabric upholstery for the seats has been designed to withstand long-term wear deriving from normal use of the vehicle. Nevertheless, some precautions are required. Avoid prolonged and/or excessive rubbing involving clothing accessories such as metal buckles, bosses, Velcro strips and the like, which, by applying a high pressure on the fabric in a limited area, could cause it to break, thereby damaging the upholstery.*

3) *Before tilting the front passenger seat table fully, remove any objects laid on it.*

4) *Before tilting the seat backrest fully, remove any objects laid on it.*

HEAD RESTRAINTS

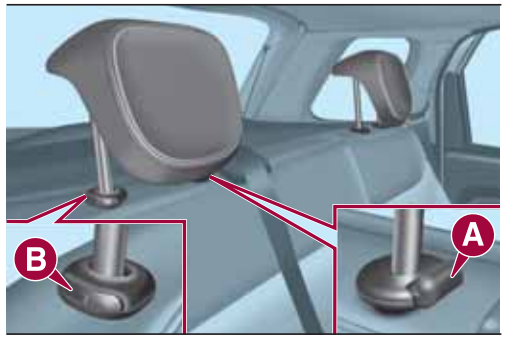
ADJUSTMENTS

16)

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

Downwards adjustment: press button A fig. 15 (front head restraints) and A fig. 16 (rear head restraints) and lower the head restraint.

15 F0Y0060C



16 F0Y0061C

REMOVAL

To remove head restraints, lift them to the max. height, press buttons A and B fig. 15 (front head restraints) or A and B fig. 16 (rear head restraints) at the side of the two supports, then remove the head restraints by pulling them upwards.

IMPORTANT If the rear seats are used, always set the head restraints in the "completely raised" position.

WARNING

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

STEERING WHEEL

17) 18)

ADJUSTMENTS

The steering wheel can be adjusted both axially and vertically. To adjust, move lever A fig. 17 downwards to position 1, then adjust the steering wheel to the most suitable position and lock it in position by moving lever A to position 2.

17 F0Y0043C

WARNING

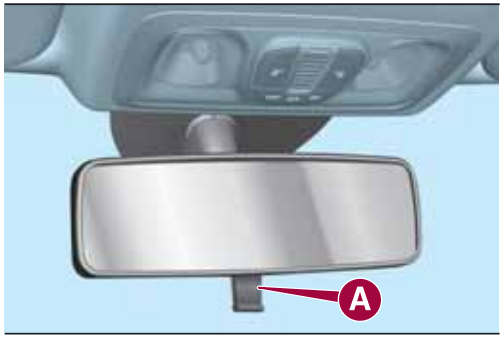
17) *Any adjustment of the steering wheel position must be carried out only with the car stationary and the engine turned off.*

18) *It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance and safety, invalidate the warranty and also result in the vehicle not meeting type-approval requirements.*

REAR VIEW MIRRORS

INTERIOR MIRROR

The mirror is fitted with a safety device that causes its release in the event of a violent impact with the passenger. Operate lever A fig. 18 to adjust the mirror into two different positions: normal or anti-glare.



18 F0Y0223C

ELECTROCHROMIC INTERIOR MIRROR

(for versions/markets, where provided)

The electrochromic mirror fig. 19 has an ON/OFF button to activate/deactivate the electrochromic anti-glare function. When reverse gear is engaged, the mirror is automatically set for daytime use.

19 F0Y0225C

DOOR MIRRORS

Manual adjustment

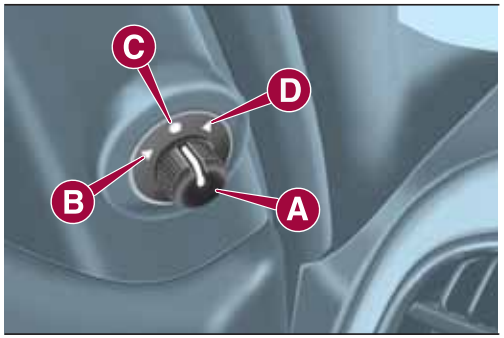
From the inside of the vehicle, operate lever A fig. 20 to adjust the mirror.

20 F0Y0275C

Electric adjustment

(for versions/markets, where provided)

The mirrors can only be adjusted with the ignition key at MAR.
To carry out the adjustment, proceed as follows:



21 F0Y0250C

❒ use device A fig. 21 to select the required mirror (right or left);

❒ move device A to position B and manipulate it to adjust the left door mirror;

❒ move device A to position D and manipulate it to adjust the right door mirror.

Once you have finished the adjustment, return device A to intermediate locking position C.

Manual folding

When required, it is possible to fold the mirrors by moving them from "fully open" to "fully closed" position.

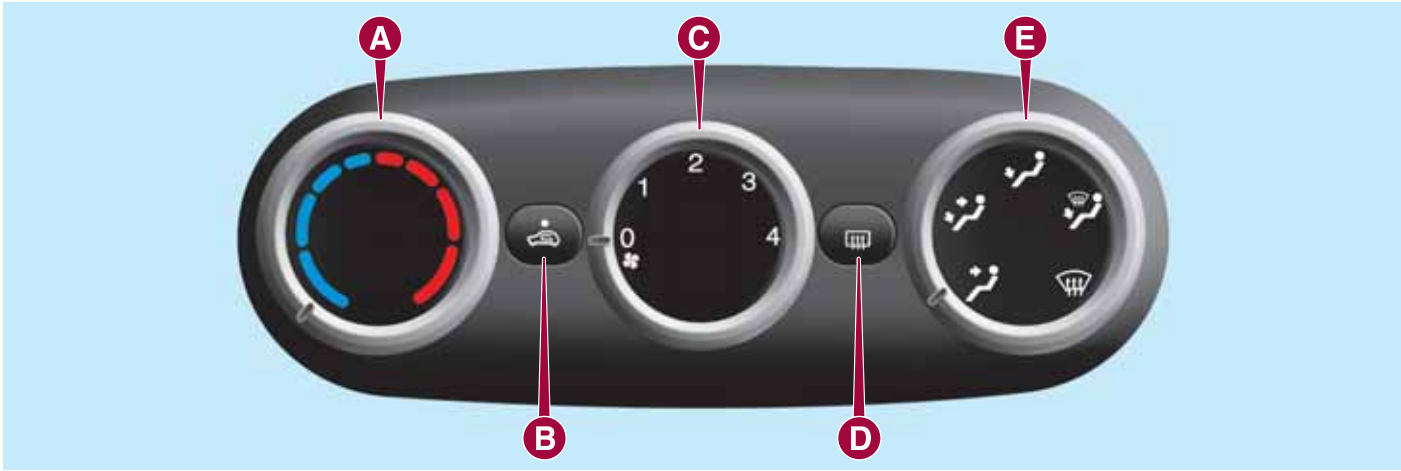
IMPORTANT When driving the mirrors should always be in the "fully open" position.

CLIMATE CONTROL SYSTEM

eLUM 2)

HEATING AND VENTILATION

Controls



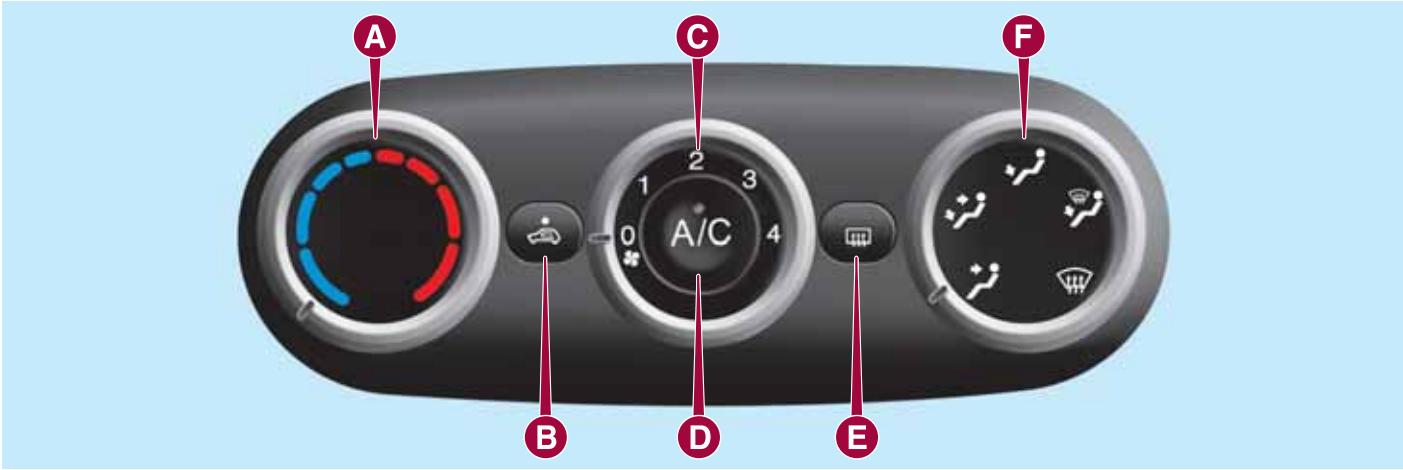
22 F0Y0156C

A - Air temperature adjustment knob: blue section = cold air, red section = hot air;
B - air recirculation on/off button: internal air recirculation makes it possible to reach the required heating or cooling conditions more quickly depending on the mode selected. Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows steaming up;
C - fan activation/adjustment knob (0 = fan off / = fan speed) / 1-2-3-4 = ventilation speed;
D - heated rear window on/off button;
E - air distribution knob:

- air from central vents, side vents and central diffuser
- air from central vents, side vents, central diffuser and front and rear footwell diffusers
- air only from front and rear footwell vents
- air from front and rear footwell vents, to windscreen and side windows
- air outlet to windscreen and side windows

MANUAL CLIMATE CONTROL SYSTEM

Controls



23 F0Y0041C

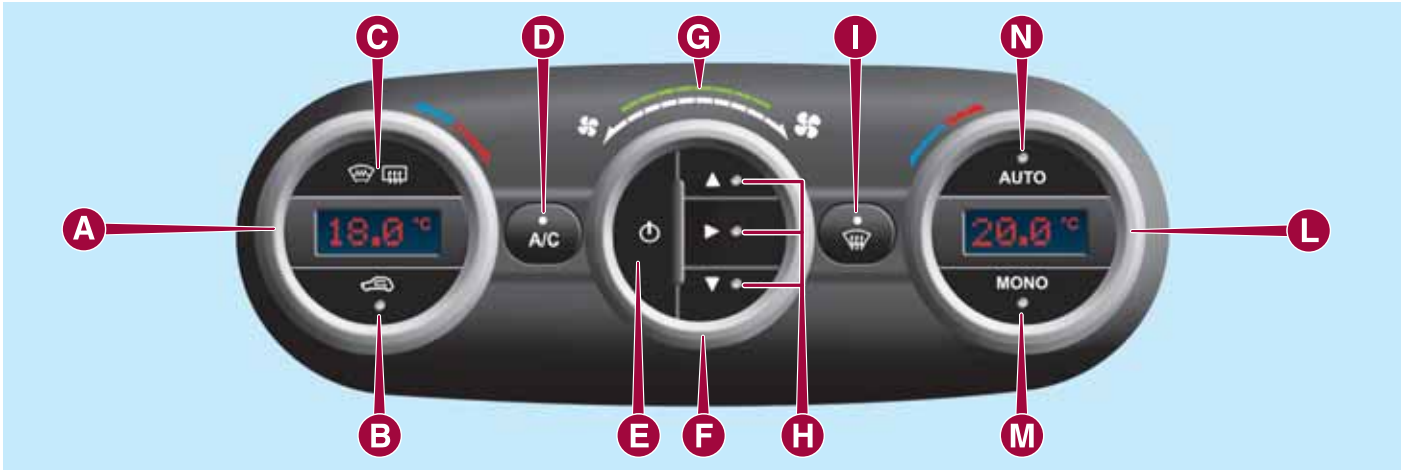
A - Air temperature adjustment knob: blue section = cold air, red section = hot air;
B - air recirculation on/off button;
C - fan activation/adjustment knob (0 = fan off / = fan speed) / 1-2-3-4 = ventilation speed;
D - climate control system compressor on/off button;
E - heated rear window on/off button;
F - air distribution knob:

- air from central vents, side vents and central diffuser
- air from central vents, side vents, central diffuser and front and rear footwell diffusers
- air only from front and rear footwell vents
- air from front and rear footwell vents, to windscreen and side windows
- air outlet to windscreen and side windows

AUTOMATIC DUAL-ZONE CLIMATE CONTROL SYSTEM

19) 5)

Controls



24 F0Y0034C

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

STOP/START SYSTEM HANDLING

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

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

IMPORTANT When the Stop/Start system is on (engine off and vehicle at a standstill), the automatic recirculation management is turned off always taking air in from outside, to reduce the probability of the windows misting up (as the compressor is off).

WARNING

19) *It is inadvisable to use internal air recirculation when the outside temperature is low, since the windows could mist up rapidly.*

WARNING

5) *The climate control system detects the passenger compartment temperature using a mean radiant temperature sensor located in the interior rear view mirror and protected by a specific cover. Obstructing the field of view of this sensor with any object could cause the climate control system to operate with less than optimal efficiency.*

WARNING

2) *The system uses R134a coolant which does not pollute the environment in the event of accidental leakage. Under no circumstances use R12 fluid, which is incompatible with the components of the system.*

EXTERIOR LIGHTS

eLUM

The ignition key has to be in the MAR position for the exterior lights to come on.

DAYTIME RUNNING LIGHTS (DRL)

"Daytime Running Lights"
(for versions/markets, where provided)

20) 21)

With the ignition key at MAR and ring nut A fig. 25 turned to **O** the daytime running lights are activated automatically; the other lights and interior lighting remain off.

25 F0Y0048C

SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS

With the ignition key turned to MAR, turn ring nut A fig. 25 to . If dipped headlights are activated, the daytime running lights switch off and the side lights and dipped headlights switch on. The warning light will come on in the instrument panel.
When the ignition key is turned to STOP or removed and the ring nut A is turned from **O** to , all the side lights and number plate lights come on. The warning light will come on in the instrument panel.

AUTOMATIC LIGHT CONTROL (AUTOLIGHT)

(Dusk sensor)
(for versions/markets, where provided)

This infrared LED sensor is located on the windscreen and detects the variations in outside brightness depending on the light sensitivity set through the Setup Menu.
Activation: Turn ring nut A fig. 25 to position .
With dusk sensor active, it is not possible to keep the main beam headlights on constantly; only flashing is permitted. To switch high beams on constantly, turn ring nut A to and pull the stalk towards the steering wheel.

On automatic sensor controlled deactivation, the dipped headlights are deactivated first, followed by the side lights a few seconds later.

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

MAIN BEAM HEADLIGHTS

To activate the main beam headlights, with ring nut A fig. 25 at , pull the stalk towards the steering wheel beyond the end of travel position. The warning light switches on in the instrument panel.
When the stalk is pulled towards the steering wheel again, beyond the end of travel position, the main beam headlights deactivate, the dipped headlights reactivate and the warning light switches off.
It is not possible to switch on the main beam headlights constantly if automatic light control is active.

FLASHING

Lights can flash by pulling the stalk towards the steering wheel (unstable position) regardless of the position of ring nut A fig. 25. The warning light switches on in the instrument panel.

DIRECTION INDICATORS

Bring the stalk to the (stable) position:
upwards: right direction indicator activation / **downwards:** left direction indicator activation.
Warning light ⇨ or ⇦ will blink on the instrument panel.
The direction indicators are switched off automatically when the steering wheel is straightened.

"Lane Change" function

If you wish to signal a lane change, place the left stalk in the unstable position for less than half a second. The direction indicator on the side selected will flash five times and then switch off automatically.

“Cornering lights”

When the dipped beam headlights are on and the speed is below 40 km/h, if the steering wheel rotation angle is large or the direction indicators are on, a light (incorporated in the fog light) will be operated on the relevant side to improve visibility at night time.

"FOLLOW ME HOME" DEVICE

This allows the space in front of the vehicle to be lit for a set time.

Activation: with the ignition key turned to STOP or removed, pull the stalk towards the steering wheel within 2 minutes from when the engine is turned off.

Each time the stalk is moved, the lights stay on for an extra 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically. Also, each time the stalk is operated, the warning light on the instrument panel switches on. The display shows a message and the time set for the function.

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

Deactivation: keep the stalk pulled towards the steering wheel for more than two seconds.

WARNING

20) *The daytime running lights are an alternative to the dipped beam headlights for driving in countries where it is compulsory to have lights on during the day; where it is not compulsory, the use of daytime running lights is permitted.*

21) *Daytime running lights cannot replace dipped beam headlights when driving at night or through tunnels. The use of daytime running lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.*

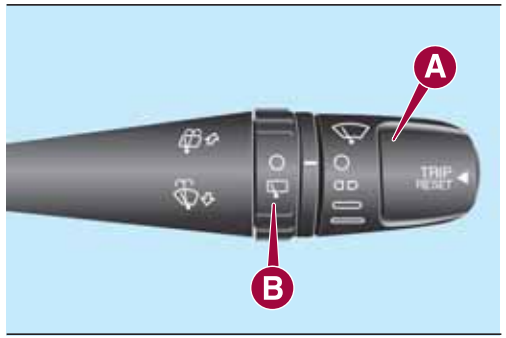
WINDOW CLEANING

eLUM

WINDSCREEN WIPER/WASHER

6) 7)

This operates only with the ignition key turned to MAR.



26 F0Y0049C

Ring nut A fig. 26 has four different positions:

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

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

With ring nut A in position ⊏D , the windscreen wiper will automatically adapt its operating speed to the speed of the vehicle.
With the windscreen wipers operational, if reverse gear is engaged, the rear window wiper is automatically activated.

"Smart washing" function

Pull the lever towards the steering wheel (unstable position) to activate the windscreen washer.
Keeping the stalk pulled for more than half a second, with just one movement it is possible to operate the washer jet and the wiper at the same time.
The wiper stops working three strokes after the stalk is released.
On some versions, a further stroke after approximately 6 seconds completes the cycle.

RAIN SENSOR

(for versions/markets, where provided)

22) 8) 9)

This is located behind the interior rear view mirror, in contact with the windscreen and can detect the presence of rain and, consequently, manage the cleaning of the windscreen in accordance with the amount of water on the screen.

Activation: rotate the ring nut A fig. 26 to position ⊏D : the windscreen wiper stroke frequency is thus adjusted in accordance with the amount of water on the windscreen. The activation of the sensor is signalled by a "stroke" to show that the command has been acquired.
Deactivation: move the stalk ring nut away from the position ⊏D or turn the ignition key to STOP. If the ignition key is turned to the STOP position leaving the ring nut A in position ⊏D , no wiping cycle is performed at the next startup (ignition key to the MAR position) even in the case of rain.

REAR WINDOW WIPER/WASHER

10)

This operates only with the ignition key turned to MAR.
Activation: turn the ring nut B fig. 26 from position ○ to position ⊡ to activate the rear window wiper as follows:

❒ in intermittent mode when the windscreen wiper is not operating;

❒ in synchronous mode (at half the speed of the windscreen wiper) when the windscreen wiper is operating;

❒ in continuous mode with reverse engaged.

With the windscreen wiper on and reverse gear engaged, rear window wiping will be continuous in the same way.
Pushing the stalk towards the dashboard (unstable position) the rear window washer jet will activate. Keep the stalk pushed for more than half a second to activate the rear window wiper as well. Releasing the stalk will activate the smart washing function, as described for the windscreen wiper.
Deactivation: release the lever.

WARNING

22) *Make sure the device is switched off whenever the windscreen must be cleaned.*

WARNING

6) *Do not use the screen wiper to remove layers of snow or ice from the windscreen. In such conditions, the windscreen wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not restored (even after turning the key and restarting the vehicle engine), contact a Fiat Dealership.*

7) *Do not operate the windscreen wiper with blades lifted from the windscreen.*

8) Do not activate the rain sensor while washing the vehicle in an automatic washing system.

9) If ice is found on the windscreen, make sure that the device was disconnected properly.

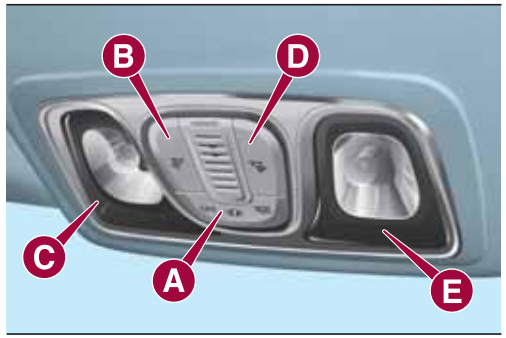
10) Do not use the rear window wiper to remove layers of snow or ice. In such conditions, the wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not subsequently restored, contact a Fiat Dealership.

ROOF LIGHTS

eLUM

FRONT ROOF LIGHT

Switch A fig. 27 is used to switch on/off the roof light bulbs.



27 F0Y0098C

Switch A positions:

❒ central position: lights C and E switch on/off when the doors are opened/closed;

❒ pressed to the left (position OFF): lights C and E are always switched off;

❒ pressed to the right (position): lights C and D are always switched on. Light switching on/off is progressive and timed when entering and exiting the vehicle.

FIXED GLASS ROOF

(for versions/markets, where provided)

eLUM

SUN BLIND

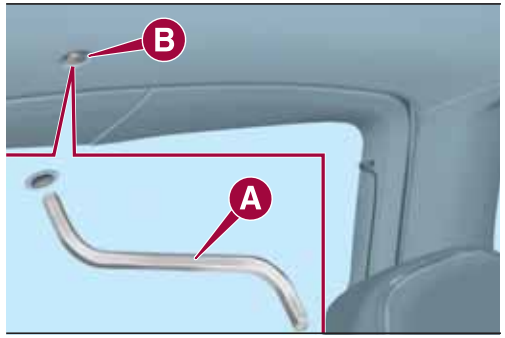
The sun blind operates only with the ignition key turned to MAR. Press button A fig. 28: the blind will move towards the rear part of the vehicle, until end of travel position.

28 F0Y0121C

With blind fully open press button A: the blind will move towards the front part of the vehicle, until it is fully closed. During the automatic opening and closing stages, press button again to interrupt the blind movement.

EMERGENCY OPERATION

If the control button does not work, to move the sun blind manually, remove the protective cap A fig. 29 on the internal trim, take the Allen key B provided (located in the tool box or, depending on the version, in the Fix&Go Automatic container in the luggage compartment), insert it in housing A and turn it clockwise to open the blind or anticlockwise to close it.



29 F0Y0285C

SUN BLIND INITIALISATION

Following an automatic motion malfunction while opening/closing or an emergency manoeuvre, the automatic operation of the sun blind must be initialised again, proceeding as follows:

❒ press button A fig. 28 in closing position and hold it down: after approximately 10 seconds the blind moves in stages into closing position. Once the operation has ended (blind closed) release the button;

❒ turn the ignition key to STOP and keep it there for 10 seconds; then turn it to MAR;

❒ press button A in closing position and hold it down until the blind is completely closed: the initialisation procedure has ended;

❒ press button A again within 3 seconds of the end of the initialisation procedure and hold it down: the blind will carry out an automatic opening/closing cycle: if this does not occur, repeat the operations from the beginning;

❒ keeping button A held down, wait until the curtain is completely closed.

ELECTRIC SUN ROOF

(for versions/markets, where provided)

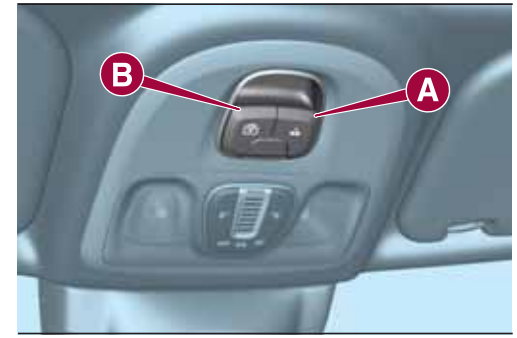
eLUM 23) 11)

The sun roof and the blind can be operated only with the ignition key turned to MAR.

CONTROL BUTTONS

Open/close front window pane

Pressing the A fig. 30 button, the pane opens in "spoiler" position. After opening in “spoiler” position, press button A once again for more than half a second to bring the roof automatically to fully open position. To deactivate the automatic movement press the button again.



30 F0Y0120C

From the fully open position press button A: the front glass pane will move into the "spoiler" position. In this condition, pressing the button again for more than half a second, the roof will automatically move the fully closed position. To deactivate the automatic movement press the button again.

Sun blind movement

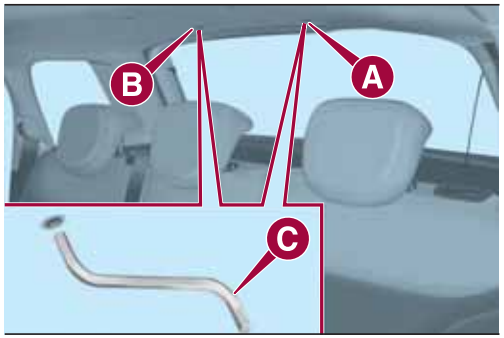
Pressing the B fig. 30 button: the blind will move towards the rear part of the vehicle, until it is fully open. With blind fully open press button B: the blind will move towards the front part of the vehicle, until it is fully closed. During the blind automatic opening and closing stages, press the button again to interrupt the blind movement.

EMERGENCY OPERATION

In the case of control buttons operation failure, the sun blind and the sun roof can be moved manually, proceeding as described below:

❒ **Sun blind movement**: remove protective cap A fig. 31 on the internal trim;

❒ **Sun roof movement**: remove protective cap B on the internal trim;



31 F0Y0234C

❒ take Allen key C fig. 31 from the tool box or, depending on the version, from the Fix&Go Automatic container, insert it in housing A (for blind movement) or B (for sun roof movement) and turn it clockwise to open the roof (or the blind) or anticlockwise to close the roof (or the blind).

SUN ROOF INITIALISATION

Following an automatic motion malfunction while opening/closing or an emergency manoeuvre, the automatic operation of the sun roof must be initialised again, proceeding as follows:

❒ press button A fig. 30 in closing position;

❒ turn the ignition key to STOP and keep it there for 10 seconds. Then turn it to MAR;

❒ hold down button A: after approximately 10 seconds the roof moves jerkily to closing position. When the movement stops (closed roof), release button A (if the roof is already closed, you will hear the mechanical lock only);

❒ press button A again within 3 seconds of the end of the initialisation procedure and hold it down: the roof will carry out an automatic opening/closing cycle. Should this not occur, repeat the operation from the beginning;

❒ hold down button A until the roof is completely closed: the initialisation procedure has ended.

WARNING

23) *When leaving the vehicle, always remove the key from the ignition to avoid the risk of injury to those still inside the vehicle due to accidental operation of the sun roof. Improper use of the roof can be dangerous. Before and during operation, always check that nobody is at risk of being injured by the moving sun roof or by objects getting caught or hit by it.*

WARNING

11) *Do not open the sun roof if a transverse roof rack is fitted. Do not open the sun roof if there is snow or ice on it: you may damage it.*

DOORS

eLUM

DOOR CENTRAL LOCKING/UNLOCKING

Door locking from the outside

With doors closed, press the button on the remote control or turn the metal insert (located inside the key) in the driver side door lock. Door locking is carried out with all doors shut, irrespective of the luggage compartment open/closed status.

Door unlocking from the outside

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

Door locking/unlocking from the inside

Press the fig. 32 button.

32 F0Y0039C

LED on button on: doors locked /
LED on button off: doors unlocked.

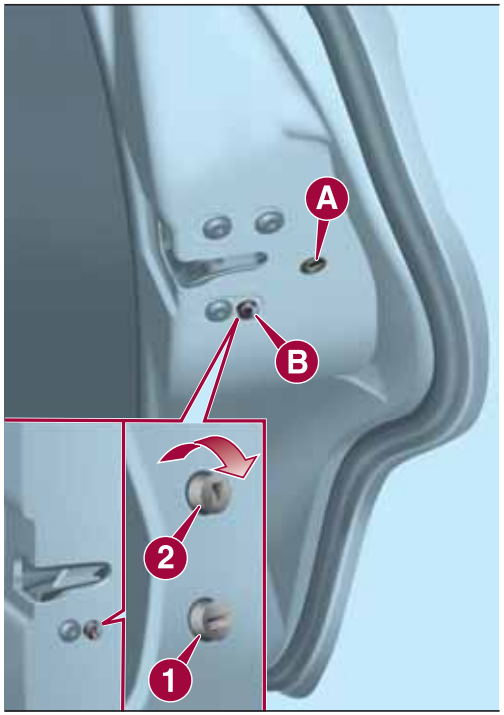
IMPORTANT With central locking active, pulling the internal opening lever of the passenger side door unlocks the door (the LED stays on). Pulling the internal opening lever of the driver side door activates central unlocking.

CHILD SAFETY DEVICE

24)

This system prevents the rear doors from being opened from the inside. The device B fig. 33 can only be engaged with the doors open.
Position 1: device on (door locked) / **position 2**: device off (door can be opened from the inside).
The device remains engaged even if the doors are electrically unlocked.

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

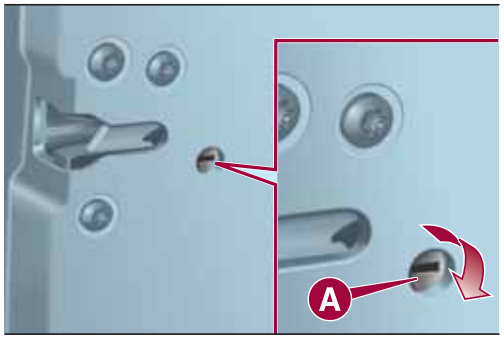


33 F0Y0111C

PASSENGER SIDE FRONT DOOR AND REAR DOOR EMERGENCY LOCKING DEVICE

12)

The doors can be closed in the case of power supply cut-out. Enter the ignition key insert in housing A fig. 34 (passenger side front door) or A fig. 33 (rear doors) and then turn the key clockwise, then remove it from housing A.



34 F0Y0110C

To restore the starting condition of door locks (only if the battery charge has been restored), press the button on the remote control or the button on the instrument panel, or fit the metal insert of the ignition key in the driver side front door catch; then, pull the door internal handle.

DOOR OPENING/ CLOSING MECHANISM INITIALISATION

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

❒ close all the doors;

❒ press the button on the remote control or the button on the dashboard;

❒ press the button on the remote control or the button on the dashboard.

WARNING

24) *Always use this device when carrying children. After engaging the device on both rear doors, check for proper engagement by trying to open a rear door with the internal handle.*

WARNING

12) *If the child lock was engaged and the previously described locking procedure carried out, operating the internal opening handle will not open the door: in this case, to open the door, the external handle must be used. The door central locking/unlocking button is not disabled by the engagement of the emergency lock.*

ELECTRIC WINDOWS

eLUM 25)

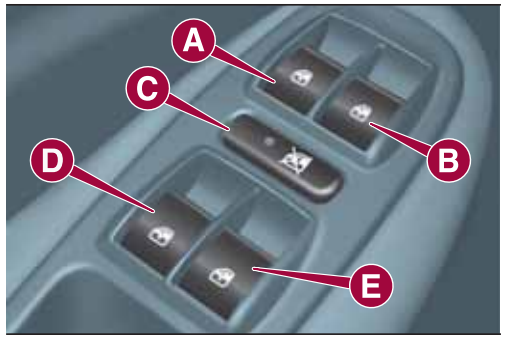
OPERATION

These operate when the ignition key is turned to MAR and for about 3 minutes after turning the key to STOP or removing it unless one of the front doors is open.

DRIVE SIDE FRONT DOOR CONTROLS

Versions with 4 electric windows

The buttons are located on the door panel trim fig. 35.



35 F0Y0240C

All windows can be controlled from the driver side door panel.

❒ **A**: front left window opening/closing. "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated.

❒ **B**: right front window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated.

❒ **C**: enabling/disabling of rear door electric window controls.

❒ **D**: opening/closing of rear left window (for versions/markets, where provided). "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated.

❒ **E**: rear right window opening/closing (for versions/markets where provided). "Automatic continuous" operation during window opening/closing and anti-pinch system activated.

Window opening

Push the buttons to open the desired window. When one of the two buttons is pressed briefly, the window moves in "stages"; if the button is held down, "continuous automatic" operation is activated. If the button is pressed again, the window will stop in the desired position.

Window closing

Lift the buttons to close the desired window. The window closing stage occurs following the same logic described for the opening stage.

Anti-pinch safety device

(for versions/markets, where provided)

This safety system detects the presence of an obstacle during the window closing travel and intervenes by stopping and reversing the window travel, depending on its position, should this event occur. The anti-crush safety function is active during manual and automatic operation of the window.

ELECTRIC WINDOWS INITIALISATION

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

❒ fully close the window to be initialised, with manual operation;

❒ after the window has reached the upper end of travel, hold the up button pressed for at least one second.

WARNING

25) *Improper use of the electric windows can be dangerous. Before and during operation, always check that passengers are not exposed to the risk of being injured either directly by the moving windows or through objects getting caught or struck by them. When leaving the vehicle, always remove the ignition key to avoid the risk of injury of people still on board due to accidental operation of the electric windows.*

LUGGAGE COMPARTMENT

eLUM

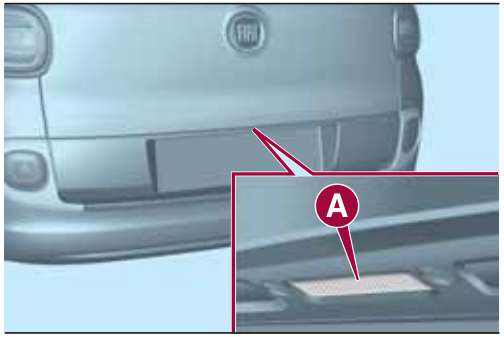
27) 28) 29) 31) 13)

Luggage compartment unlocking is electrically operated and is deactivated when the car is in motion.

OPENING

26)

When unlocked, the luggage compartment can be opened from outside the car using the electric opening handle A fig. 36 located under the handle until the unlocking click is heard or by pressing the button on the key with remote control.



36 F0Y0146C

Emergency opening from inside

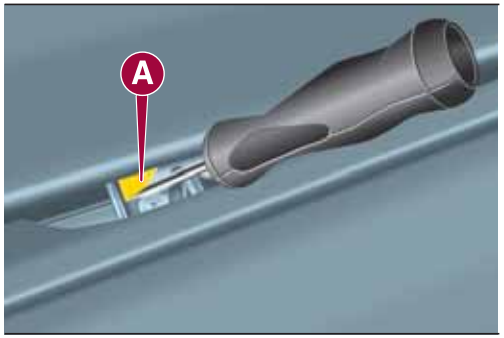
Proceed as follows:

❒ remove the rear head restraints and fully fold the seats;

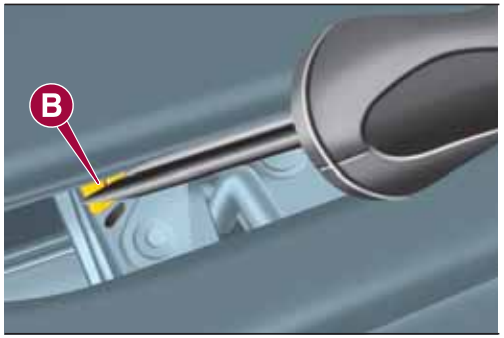
❒ take the screwdriver provided from the tool box or the Fix&Go Automatic container, depending on the version;

❒ use the screwdriver to remove the yellow tab A fig. 37;

❒ then insert the screwdriver in housing B fig. 38 in order to activate the luggage compartment release tab.



37 F0Y0172C



38 F0Y0173C

CLOSING

Grip the handle located inside the tailgate and lower the latter, pressing next to the lock until it clicks.

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

LUGGAGE COMPARTMENT INITIALISATION

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

❒ close all the doors and the luggage compartment;

❒ press the button on the remote control;

❒ press the button on the remote control.

"CARGO MAGIC SPACE"

(for versions/markets, where provided)

14)

The adjustable load platform "Cargo Magic Space" can be positioned on three different height levels:

❒ **Position 0 (platform completely lowered)**;

❒ **Position 1 (platform at threshold level)**;

❒ **Position 2 (platform completely raised)**.

Load platform tilting

The load platform can be located in oblique position (tilted towards the rear seat backrests, see fig. 39), in order to facilitate access to the area underneath the luggage compartment (e.g. to pick up the space saver wheel or the "Fix&Go Automatic" kit).

39 F0Y0448C

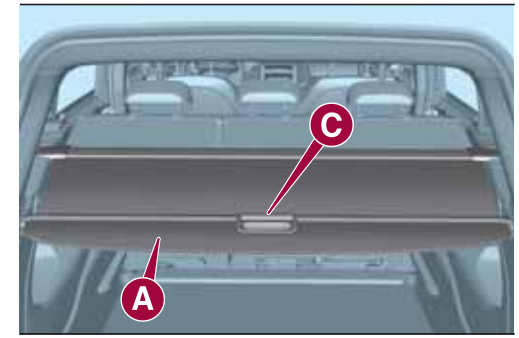
In addition, in this position, the platform allows any object in the luggage compartment to be correctly blocked, preventing them from sliding in the case of sharp braking.

LUGGAGE-COVERING CURTAIN

(500L LIVING versions)

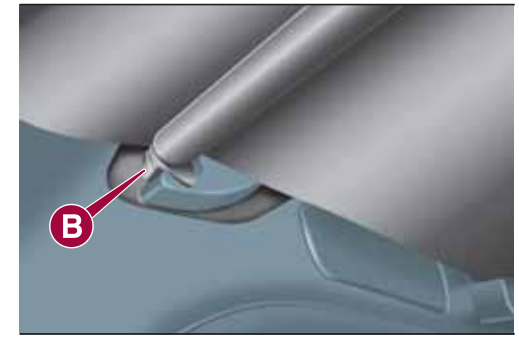
30) 15)

Luggage-covering curtain A fig. 40 can be rolled up and removed.



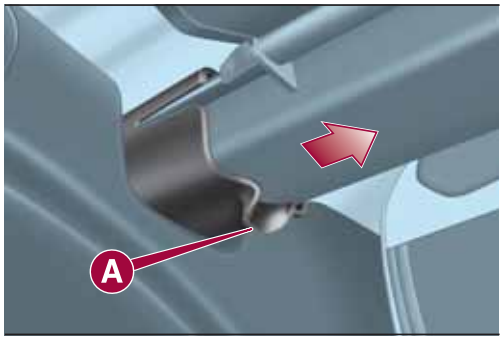
40 F0Y0371C

Curtain rolling up: grasp handle C and then release pins B fig. 41 (one for each side) from their seats. Then ease the curtain towards the front part of the luggage compartment.



41 F0Y0373C

Curtain removal: roll up the curtain, then pull the two hooks A fig. 42 (one on each side) towards the internal part of the luggage compartment. Then raise the curtain upwards and remove it.



42 F0Y0374C

WARNING

26) *Take care not to knock objects on the roof rack when opening the tailgate.*

27) *Make sure the backrest is properly secured at both sides to prevent it from moving forward in the event of sharp braking, with possible impact with the occupants.*

28) *Do not adjust the front or rear seat if a child is seated on it or on the dedicated child restraint system.*

29) *Make sure that the backrest is correctly secured on both sides (red bands B not visible) to prevent it from moving forward in the event of sharp braking, causing injuries to passengers.*

30) *In the event of an accident or sharp braking, any object placed on the curtain may be projected in the passenger compartment, and risk to hurt the occupants.*

31) *Abrupt braking or occasional impacts may cause sudden movements of the load with consequent situations of hazard for the driver and passengers: before setting off, secure the load tightly using the partition and, where provided, the appropriate hooks. For securing use cables, ropes or belts strong enough to hold the items to be secured.*

WARNING

13) *Before tilting the seat backrest fully, remove any objects laid on it.*

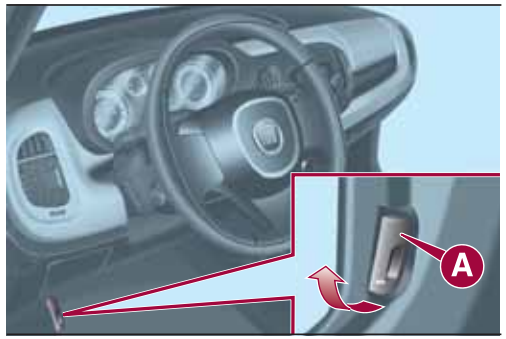
14) *The dimensions of the platform permit a maximum capacity of distributed weight of 70 kg (in position 1) or 40 kg (in position 2): do not load objects with a higher weight.*

15) *Do not place heavy objects on the curtain to prevent damaging it.*

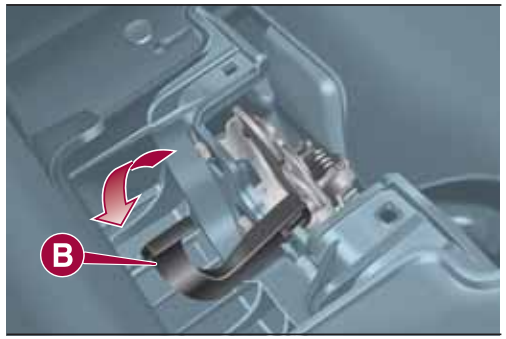
BONNET

OPENING

Operate and pull the lever A fig. 43 in the direction indicated by the arrow and then operate lever B fig. 44 in the direction indicated by the arrow and lift the bonnet.



43 F0Y0228C



44 F0Y0115C

The following plate is applied inside the engine compartment fig. 45.

45 F0Y1100C

IMPORTANT Two side gas shock absorbers are provided to assist in opening the bonnet. Do not tamper with these shock absorbers and accompany the bonnet when raising.

IMPORTANT Before raising the bonnet, make sure that the arms of the wipers are not raised from the windscreen and that the wiper is not operational.

CLOSING

32)

Lower the bonnet to approximately 20 centimetres from the engine compartment then let it drop. Make sure that the bonnet is completely closed and not only fastened by the locking device by trying to open it.
If it is not perfectly closed, do not try to press the bonnet lid down but open it and repeat the procedure.

WARNING

32) *For safety reasons, the bonnet must always be properly closed while driving. Therefore, make sure that the bonnet is properly closed and that the lock is engaged. If you discover during travel that the lock is not fully engaged, stop immediately and close the bonnet in the correct manner.*

DUALDRIVE ELECTRIC POWER STEERING

This only operates with the key turned to MAR and the engine started. The electric steering allows the force required at the steering wheel to be adjusted to suit driving conditions.

IMPORTANT When turning the ignition key quickly, full power steering functionality can be achieved after a few seconds.

IMPORTANT During parking manoeuvres requiring a lot of steering, the steering may become harder; this is normal and is due to the intervention of the system to protect the electric steering motor from overheating. No repair intervention is needed in this case. When the vehicle is used again, the power steering will work normally again.

IMPORTANT The Dualdrive electric power steering has an electronic damping effect while approaching the end of stroke. In some manoeuvring conditions, the steering wheel might rotate a bit before touching its mechanical stop. This behaviour is standard as it takes place to prevent strong impacts on the mechanical components inside the device.

POWER STEERING ACTIVATION/ DEACTIVATION

33) 34)

Activation/deactivation: press the fig. 46 button.

The activation of the function is signalled by the switching on of the LED located on the button and by the displaying of the word CITY on the instrument panel or, depending on the version, on the display.

46 F0Y0420C

When the power steering is on, the steering wheel effort is lighter, making parking easier: therefore, this function is particularly useful for driving in city centres.

WARNING

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

34) *Before performing any maintenance operations, always turn off the engine and remove the key from the ignition to lock the steering column (especially when the car wheels are not touching the ground). If this is not possible (for example if the key needs to be turned to MAR or the engine must be running), remove the main fuse that protects the electric power steering.*

VERSION WITH LPG SYSTEM

eLUM

35) 36) 37)

16) 17) 18) 19) 20) 21) 22)

INTRODUCTION

The LPG version features two fuel supply systems: one for petrol and one for LPG.

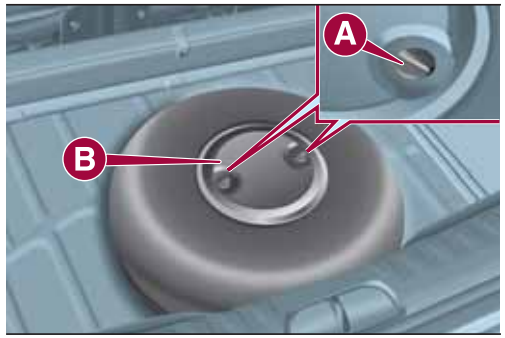
PASSIVE SAFETY/ACTIVE SAFETY

Although the LPG system has numerous safety features, it is advisable to proceed as follows every time the vehicle is not in use for a long period or moved in an emergency as a result of a breakdown or accident:

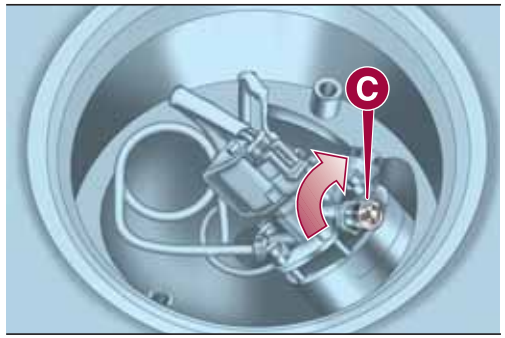
❒ unscrew the fixing devices A fig. 47, then remove the cover B;

❒ close the LPG cock by rotating the ring nut C fig. 48 clockwise;

❒ refit the cover and retighten the fastening devices.



47 F0Y0424C



48 F0Y0720C

LPG TANK

The car has a (pressurised) tank A fig. 49 for collecting LPG in a liquid state. It is located in the spare wheel compartment with suitable protection.

LPG tank certification

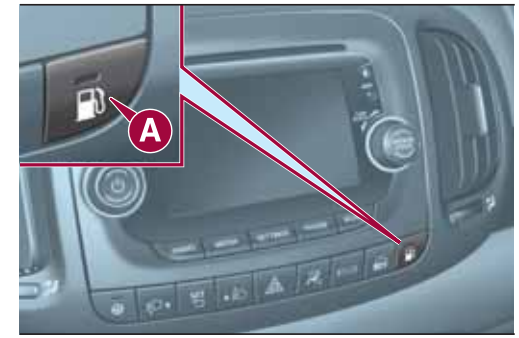
The LPG tank is certified in accordance with the regulations in force.

49 F0Y0423C

In Italy, the tank has a life of 10 years starting from the vehicle registration date. If the vehicle has been registered in a country other than Italy, the duration and the testing/inspection procedures of the LPG tank can vary depending on the national laws of that country. In any case, when the time limit in the individual country has run out, contact a Fiat Dealership to have the tank replaced.

SELECTION OF PETROL/LPG SUPPLY TYPE

The (petrol/LPG switch) button A fig. 50 allows drivers to select petrol or LPG operation.
If, during LPG operation, the same runs out, the vehicle switches to petrol automatically and all the bars of the digital gauge on the display switch off, next to the LPG warning. This condition persists until the next LPG refuelling.



50 F0Y0249C

The engine always starts up on petrol, with automatic switching to LPG when the best conditions are achieved (engine water temperature, minimum engine rpm limit) for switching to LPG.

SUPPLIES

LPG

Maximum refuelling capacity (reserve included): 38.4 litres. The figure already takes into account the 80% tank filling limit and the residual fluid required for correct priming and it is the maximum permitted capacity. In addition, after different refuelling processes, this figure could vary due to differences between the network pump supply pressures, pumps having different supply/locking features, tank not completely run out of fuel.

IMPORTANT In order to avoid inconsistent information by the LPG gauge on the instrument panel, it is recommended to refill with at least 10 litres each time.

WARNING

35) *Please note that in some countries (including Italy) there are legal restrictions in force for parking/garaging motor vehicles with gas that has a higher density than air; LPG comes under this category.*

36) *Do not switch between the two operating modes whilst starting the engine.*

37) *If gas is smelled, switch from methane operation to petrol operation and immediately go to a Fiat Dealership to have the vehicle checked and possible system faults excluded.*

WARNING

16) *The vehicle is equipped with a gaseous LPG injection system designed specifically for it: it is therefore absolutely forbidden to alter the configuration of the system or its components. The use of other components or materials could cause malfunctions and lead to a reduction in safety; therefore, in the case of problems, contact a Fiat Dealership. When towing or lifting the car, follow the instructions in the paragraph on "Towing the car" to prevent damage to the gas methane system parts.*

17) *The system operates at temperatures ranging between –20 °C and 100 °C.*

18) *When painting in an oven, the LPG tank must be removed from the vehicle and later refitted by a Fiat Dealership. Although the LPG system has numerous safety features, it is advisable to proceed as follows every time the car is not in use for a long period or moved in an emergency as a result of a breakdown or accident: unscrew the fastening devices of the LPG tank, then remove it. Close the LPG cock rotating the ring nut C clockwise (see "Passive/active Safety"). Refit the cover and retighten the fastening devices.*

19) *Only use LPG fuel for motor vehicles.*

20) *It is strictly forbidden to use any additive in the LPG. Periodically (at least once every six months) it is advisable to let the LPG in the tank run out and, at the first refuelling, to check that it does not exceed the maximum capacity of 38.4 litres (reserve included) (with a tolerance of 2 litres excess). If the level is above 38.4 litres (reserve included) contact a Fiat Dealership immediately.*

21) *When switching from petrol to methane is requested, a metal noise is heard from the valves which pressurise the circuit. As a result of the switching logic described above, the delay between the ticking of the valve and the switching off of the warning on the instrument panel is entirely normal.*

22) *In particular usage conditions, such as starting and operation at low ambient temperature or supply of LPG with low content of propane, the system may temporarily switch to petrol operation, without indicating the performed switching on the instrument panel. In the event of low LPG levels in the tank or request for high performance (e.g. overtaking, car fully laden, steep hills) the system may automatically switch to petrol operation to guarantee the engine power requested; the green warning light on the instrument panel switches on to indicate this. When the above conditions are no longer present, the system automatically restores LPG operation; the green warning light switches off. To achieve the above automatic switching, make sure that there is enough fuel in the petrol tank.*

VERSION WITH METHANE SYSTEM (Natural Power)

eLUM

38) 39) 40) 41)

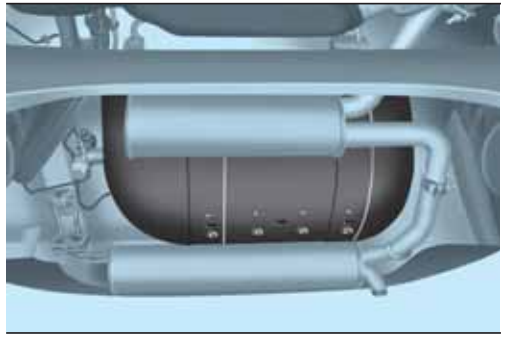
23) 24) 25) 26) 27)

INTRODUCTION

The "Natural Power" version features two fuel systems, one for petrol and one for natural gas (methane).

METHANE CYLINDERS

The vehicle is equipped with two cylinders (total capacity about 84 litres) located under the floor of the vehicle (fig. 51 and fig. 52) protected by two special guards filled with methane at compressed gaseous state (rated pressure 200 bar at 15°C).



51 F0Y0245C

52 F0Y0246C

The methane, stored in the cylinders at high pressure, flows through a dedicated pipe to reach the pressure regulator/reduction unit which supplies the two methane injectors at low pressure (about 9 bar).
Capacity: about 14 kg. The total volume of cylinders is about 84 litres.

IMPORTANT In order to avoid inconsistent information by the methane gauge on the instrument panel, it is recommended to refill with at least 10 litres each time.

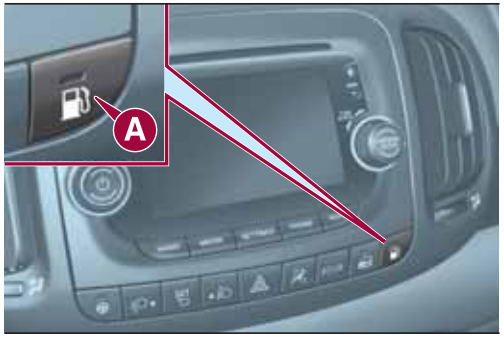
Cylinder certification

The cylinders are certified in accordance with ECE Regulation no. 110, and they must be inspected, according to the Procedure of the ECE Regulation no. 110, every 4 years from the vehicle registration date or in accordance with specific regulations in individual countries.
The plates provided by the Dealership with the on board documentation contain the date for the first inspection of the cylinders. Methane refuelling stations are not authorised to refill the cylinders when the inspection date has expired.

IMPORTANT If the vehicle has been registered in a country other than Italy, the certification data, identification and inspection procedures for the methane cylinders should conform to the legislation in that country. In any case, remember that the life of the cylinders is 20 years from the production date as set out in ECE Regulation no. 110.

SELECTION OF PETROL/METHANE SUPPLY TYPE

The engine normally runs on methane except during starting, when it runs on petrol. Switching to methane is automatic.
If you want to run on petrol, press button A fig. 53: this operation is allowed both with car at a standstill and engine running and also while driving.



53 F0Y0249C

The switching on of the LED located on the button and of the green warning light ⛽ on the instrument panel indicates that the switching request has taken place correctly.
To guarantee switching in full safety, the actual change to the chosen fuel system takes place depending on the car usage conditions; it may not therefore be immediate.

In addition, when starting at outside temperatures below approximately –10°C, the switching times from petrol to methane increase to allow the pressure regulator/reduction unit to heat up.

WARNING

38) *The car is equipped with a high-pressure methane system designed to operate at 200 rated bar. It is dangerous to force the system to run at higher pressures. When towing or lifting the car, follow the instructions in the main handbook under the paragraph on "Towing the car" to prevent damage to the methane system parts. If there is a problem with the methane system, only contact a Fiat Dealership. Do not modify configuration or components of the methane system; they have been designed exclusively for this car. The use of other components or materials could cause malfunctions and reduce safety.*

39) *In the case of painting in an oven, the cylinders should be removed from the vehicle and refitted later by a Fiat Dealership. Although the methane system has numerous safety features, it is advisable to close the manual cocks for the cylinders every time the vehicle is not in use for a long period, transported on other transport means or moved in an emergency as a result of a breakdown or accident.*

40) *Do not switch between the two operating modes whilst starting the engine.*

41) *If gas is smelled, switch from methane operation to petrol operation and immediately go to a Fiat Dealership to have the vehicle checked and possible system faults excluded.*

WARNING

23) *If, during methane operation, the same runs out, the vehicle switches to petrol automatically and all the bars of the digital gauge on the display switch off, next to the CNG warning. This displaying remains until the next methane refuelling.*

24) *Regardless of the last fuel system used, at the following engine starting, after the initial petrol stage, the system will automatically switch to methane.*

25) *When switching from petrol to methane is requested and when starting the engine, a metal noise is heard from the valves which pressurise the circuit. As a result of the switching logic described above, the delay between the ticking of the valve and the switching off of the green warning light ⛽ is entirely normal.*

26) *In particular usage conditions, such as starting and operation at low ambient temperature, the system may switch temporarily to petrol operation, without indicating the performed switching. In the event of low methane levels in the tank or request for high performance (e.g. overtaking, car fully laden, steep hills) the system may automatically switch to petrol operation to guarantee the engine power requested; the green warning light ⛽ switches on to indicate this. When the above conditions are no longer present, the system automatically restores methane operation and the green warning light ⛽ switches off. To get the above automatic switching, make sure that there is enough fuel in the petrol tank.*

27) *The plates (provided with the vehicle documents) show the date when the first cylinder inspection/test is due. Methane refuelling station operators are not authorised to refill the cylinders when the inspection date has expired.*

KNOWING THE INSTRUMENT PANEL

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

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DISPLAY 42

WARNING LIGHTS AND MESSAGES 45

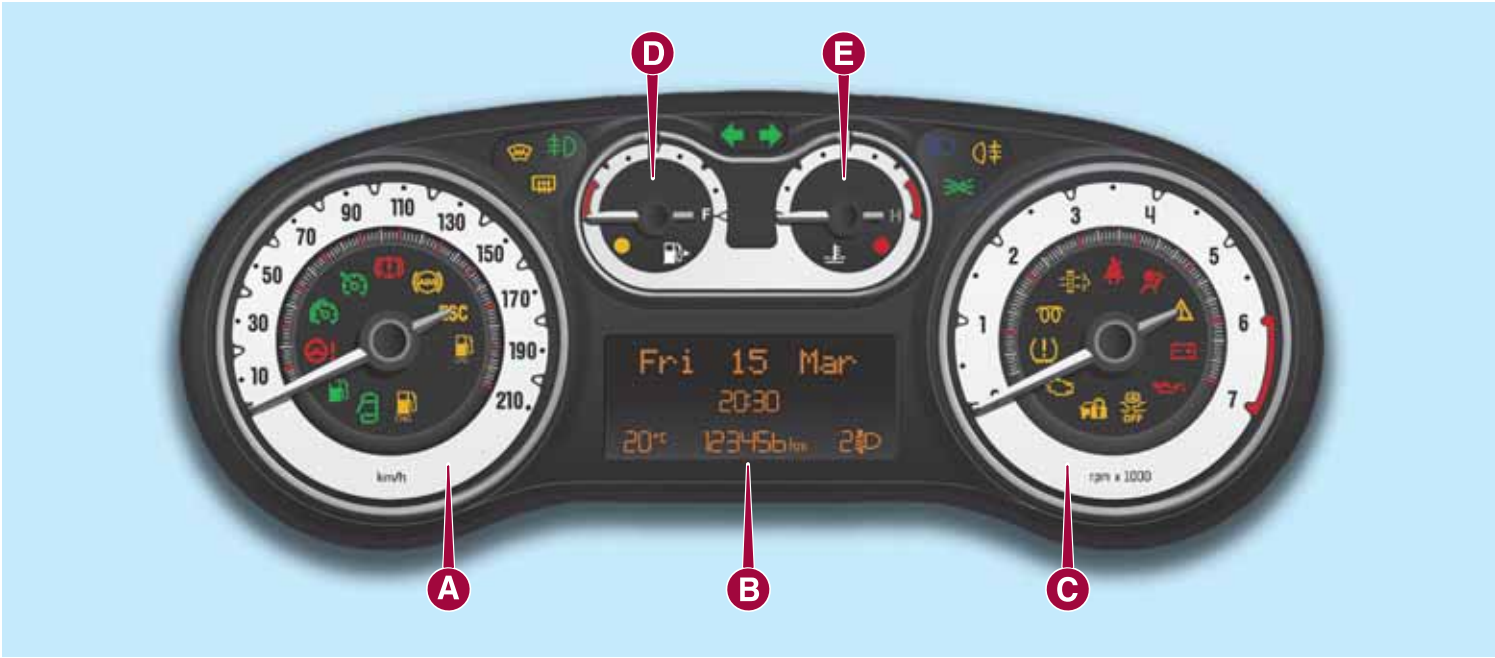
- *Red warning lights* 45
- *Amber warning lights* 51
- *Green warning lights* 58
- *Blue warning lights* 59

CONTROL PANEL AND ON-BOARD INSTRUMENTS

The instrument background colour and type may vary according to the versions.

The warning lights on the instrument panel may change according to the version/trim level (e.g. LPG, Natural Power, Dualogic gearbox, etc.) of the vehicle. The warning lights and are only present on Diesel versions. On diesel versions, the maximum engine speed (red range on the rev counter) corresponds to 5000 rpm.

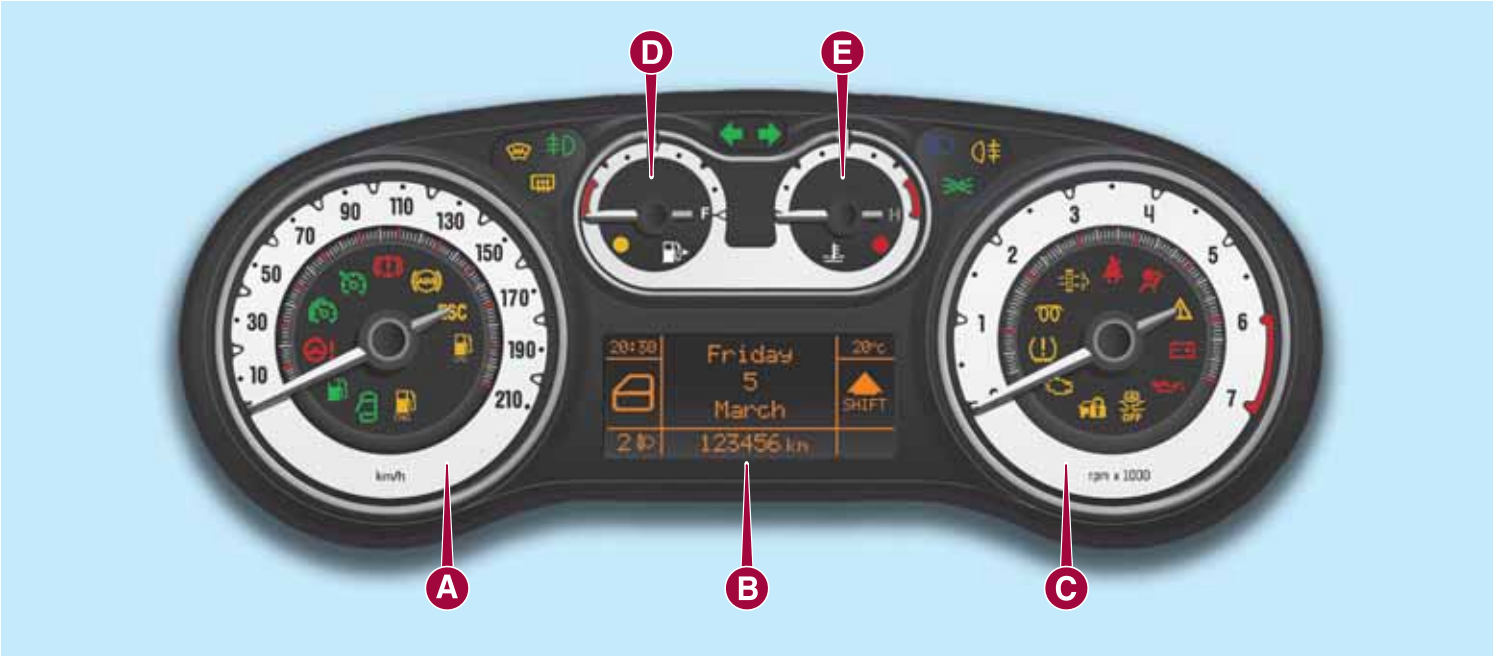
VERSIONS WITH MULTIFUNCTION DISPLAY



54 F0Y1150C

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

VERSIONS WITH RECONFIGURABLE MULTIFUNCTION DISPLAY



55 F0Y1151C

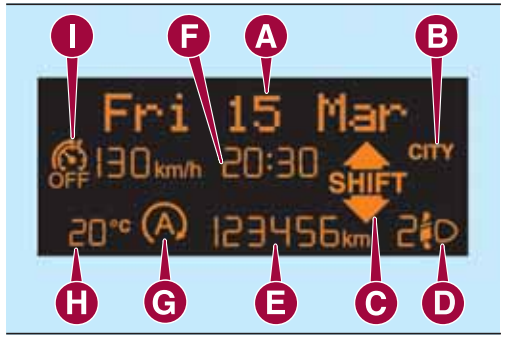
A. Speedometer (speed indicator) – B. Reconfigurable multifunction display – C. Rev counter – D. Fuel level gauge with reserve warning light – E. Engine coolant temperature indicator with overheating warning light

DISPLAY

eLUM

MULTIFUNCTION DISPLAY

The following information is shown on the display fig. 56:



56 F0Y1101C

A Date

B Activation of Dualdrive electric power steering (CITY indication) or of ECO driving mode (ECO indication)

C Gear Shift Indicator (for versions/ markets, where provided)

D Headlight alignment position (only with dipped beam headlights on)

E Odometer (display of distance travelled in kilometres/miles)

F Time (always displayed, even with key removed and doors closed)

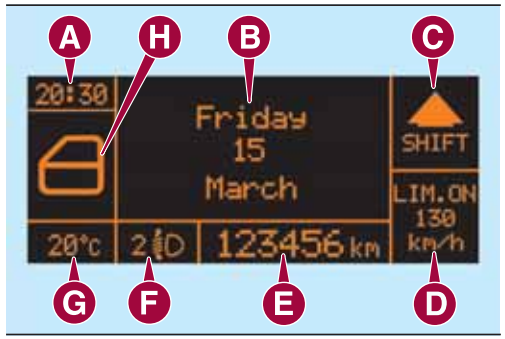
G Stop/Start function indication (for versions/markets where provided)

H Outside temperature (for versions/ markets, where provided)

I "Speed limiter" display (for versions/ markets, where provided)

RECONFIGURABLE MULTIFUNCTION DISPLAY

The following information is shown on the display fig. 57:



57 F0Y1103C

A Time

B Date or trip distance display in kilometres (or miles)

C Gear Shift Indicator (for versions/ markets, where provided) or Stop/Start function indication (for versions/markets, where provided)

D "Speed limiter" display (for versions/ markets, where provided)

E Odometer (display of distance travelled in kilometres/miles)

F Headlight alignment position (only with dipped beam headlights on)

G Outside temperature (for versions/ markets, where provided)

H Vehicle status indication (e.g. doors open, possible ice on road, etc.)

GEAR SHIFT INDICATOR

The GSI (Gear Shift Indicator) system advises the driver to change gear through a specific indication on the instrument panel. Through the GSI, the driver is informed that the gear change will allow a reduction in fuel consumption.

"SHIFT UP" icon (▲ SHIFT): the GSI suggests to make an upshifting

"SHIFT DOWN" icon (▼ SHIFT): the GSI suggests to make a downshifting.

The icon remains displayed until a gear is shifted or the driving conditions go back to a situation where gearshifting is not required, to improve consumption.

CONTROL BUTTONS

The ▲ and ▼ buttons are located in the instrument panel fig. 58. The buttons are ▲ and ▼ on some versions.

▲

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

58 F0Y0777C

SET

Briefly press : access to the Menu and/or go to next screen or confirm the required menu option.
Long press: go back to the standard screen.

To scroll through the screen and the options downwards or to decrease the value displayed.

SETUP MENU

Menu activation: briefly press the button SET .
Menu item selection: the Menu comprises a series of options which can be selected using buttons and , to access the different selection and setting operations (Setup) indicated below. Some options have a submenu. The Menu includes the following items:

❒ MENU
❒ LIGHTING
❒ SPEED BUZZER
❒ HEADLIGHT SENSOR (for versions/ markets where provided)
❒ CORNERING LIGHTS (for versions/ markets, where provided)
❒ RAIN SENSOR (for versions/markets, where provided)
❒ TRIP B ACTIVATION/DATA
❒ SET TIME
❒ SET DATE
❒ FIRST PAGE (for versions/markets where provided)
❒ AUTOCLOSE
❒ MEASUREMENT UNIT
❒ LANGUAGE
❒ BUZZER VOLUME
❒ BELT BUZZER
❒ SERVICE
❒ AIRBAG/PASSENGER BAG (for versions/markets, where provided)
❒ DAYTIME RUNNING LIGHTS (for versions/markets, where provided)
❒ CITY BRAKE C./COLLISION MITIGATION (for versions/markets, where provided)
❒ TYRE RESET (for versions/markets, where provided)
❒ EXIT MENU

TRIP COMPUTER

The Trip Computer can be used to display information on vehicle operation when the key is turned to MAR.
This function comprises two separate trips, called “Trip A” and “Trip B”, where the vehicle's "complete missions" (journeys) are monitored in a reciprocally independent manner.
“Trip A” displays the following values: "Outside temperature (for versions/ markets, where provided)", "Range", "Distance travelled", "Average consumption", "Instantaneous consumption", "Average speed", "Trip time (driving time)"
“Trip B” displays the following values: "Distance travelled B", "Average consumption B", "Average speed B", "Trip time (driving time) B". The “Trip B” function may be excluded.

59 F0Y0045C

Both functions can be reset (reset - start of a new mission): to make the reset, press and hold the TRIP button, located on the right lever of the steering wheel (see fig. 59).

NOTE “Range” and “Instantaneous fuel consumption" parameters cannot be reset.

WARNING LIGHTS AND MESSAGES

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

IMPORTANT The failure indicators appearing on the display are divided into two categories: very serious and less serious faults. Serious faults are indicated by a repeated and prolonged warning "cycle". Less serious faults are indicated by a warning "cycle" with a shorter duration. The display cycle of both categories can be interrupted. The instrument panel warning light will stay on until the cause of the failure is eliminated.

WARNING LIGHTS ON INSTRUMENT PANEL

Red warning lights

Warning light	What it means
	LOW BRAKE FLUID/HANDBRAKE ENGAGED **Low brake fluid level** The warning light switches on when the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit. On some versions, a message is displayed along with a symbol. Restore the brake fluid level, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership.
	Handbrake engaged The warning light (or symbol on the display) switches on when the handbrake is engaged. If the vehicle is moving the buzzer will also sound. Release the handbrake, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership. IMPORTANT If the warning light comes on when the vehicle is in motion, check that the handbrake is not on.

Warning light	What it means
	EBD FAILURE The simultaneous switching on of the (!) (red) and (ABS) (amber) warning lights and **ESC** with the engine on indicates either a fault of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. On certain versions a dedicated message is displayed. Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.
	LOW BATTERY CHARGE (for versions/markets, where provided) If the warning light (or, on some versions, a message and a symbol on the display) remains on constantly or flashing, contact a Fiat Dealership.
	DOORS/BONNET/LUGGAGE COMPARTMENT OPEN The warning light switches on (on some versions together with some messages and symbols in the display) when one or more doors, the bonnet or the tailgate are not properly closed. An acoustic signal is activated with the doors open and the vehicle moving.

Warning light	What it means
	AIRBAG FAILURE The warning light switches on constantly (on some versions, together with a message and a symbol on the display) to indicate an airbag system fault. **42) 43)**
	SEAT BELTS NOT FASTENED (for versions/markets, where provided) The warning light switches on constantly with the vehicle stationary and the driver's side or passenger side seat belt (when the passenger is present) not fastened. The warning light will flash and a buzzer will sound if the vehicle is in motion and the front seat belts are not correctly fastened. In this case, fasten the seat belt. For permanent deactivation of the SBR (Seat Belt Reminder) system buzzer, contact a Fiat Dealership. The system can be reactivated at any time through the Setup Menu.

WARNING

42) *If the warning light does not switch on when the ignition key is moved to MAR or if it stays on when driving (together with the message on the display), there might be a fault in the restraint systems; in this case, the airbags or pretensioners may not deploy in the event of an accident or, in a lower number of cases, they could deploy erroneously. Before continuing, contact a Fiat Dealership immediately to have the system checked.*

43) *Failure of the warning light is signalled by the ⚠ warning light flashing. In this case, any faults with the airbag system may not be signalled. Before continuing, contact a Fiat Dealership immediately to have the system checked.*

Warning light	What it means
	ENGINE COOLANT TEMPERATURE TOO HIGH The warning light switches on (on some versions together with a message and a symbol on the display) when the engine is overheated. The display shows the dedicated message. **When driving normally**: stop the vehicle, switch off the engine and check that the water level in the reservoir is not below the MIN mark. If it is, wait for the engine to cool down, then slowly and carefully open the cap, top up with coolant and check that the level is between the MIN and MAX marks on the reservoir. Also check visually for any fluid leaks. If, when restarting, the warning light switches on (or the symbol is displayed) again, contact a Fiat Dealership. **If the vehicle is used under demanding conditions** (e.g. in high-performance driving): slow down and, if the warning light stays on, stop the vehicle. Stop for 2 or 3 minutes with the engine running and slightly accelerated to promote a better coolant circulation. Then stop the engine. Check that the coolant level is correct as described above. IMPORTANT Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.

Warning light	What it means
	CONTINUOUSLY ON: LOW ENGINE OIL PRESSURE The warning light turns on constantly, on some versions along with a message and a symbol on the display, when the system detects that engine oil pressure is insufficient. **28)** FLASHING: EXHAUSTED ENGINE OIL (only Diesel versions with DPF) The warning light switches on and flashes, on some versions with the displaying of a message. Depending on the versions, the warning light will continue to flash in cycles for 1 minute every two hours or for 3 minute cycles with the warning light off for 5 seconds until the oil is changed. After the first indication, at each engine start up the warning light will continue flashing as described above until the oil is changed. On some versions, the display shows a dedicated message. If the warning light flashes, this does not mean that there is a fault, but simply informs that it is now necessary to change the oil as a result of regular use of the vehicle. Engine oil degradation is accelerated by a predominant town use of the vehicle, which makes DPF regeneration process more frequent, and also by use of the vehicle for short trips, preventing the engine to reach the operating temperature, repeated interruptions of the regeneration process reported by the switching on of the warning light. **29)**

WARNING

28) *If the warning light comes on when the vehicle is travelling, stop the engine immediately and contact a Fiat Dealership.*

29) *If the warning light switches on, the degraded engine oil must be changed as soon as possible, and never more than 500 km from the first time that the warning light has switched on. Failure to observe the above indications may result in severe damage to the engine and invalidate the warranty. The activation of this warning light is not related to the amount of oil in the engine. Therefore, never top up with oil when the warning light starts flashing.*

Warning light	What it means
	"DUALDRIVE" ELECTRIC POWER STEERING FAILURE **During the engine start**: when the key is turned to MAR, the warning light switches on, but it should switch off after a few seconds. If the warning light stays on, turn the ignition key to STOP and start the engine again. If the warning light stays on (on some versions, together with a message and a symbol on the display), the effort to operate the steering wheel could be increased; steering is, however, possible. In this case, contact a Fiat Dealership as soon as possible. **While driving**: if the warning light switches on whilst driving (on some versions, together with a message and a symbol on the display) you may not have steering assistance from the system. Although it will still be possible to steer the vehicle, the effort needed to operate the steering wheel could be increased: contact a Fiat Dealership as soon as possible. IMPORTANT In some circumstances, factors independent of the electric power steering could cause the warning light on the instrument panel to switch on. In this case, stop the vehicle immediately (should it be in motion), stop the engine for about 20 seconds and then restart the engine. If the warning light (or, on some versions, a message and a symbol on the display) remains on constantly, contact a Fiat Dealership. IMPORTANT After the battery is disconnected, the steering must be initialised. The warning light switches on to indicate this. To carry out this procedure turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.

Warning light	What it means
	iTPMS (for versions/markets, where provided) **iTPMS failure/iTPMS temporarily deactivated** The warning light flashes for about 75 seconds and then stays on constantly (together with a message on the display) to indicate that the system is temporarily deactivated or faulty. The system goes back to normal operation when the operating conditions allow it. If this is not the case, carry out the "Reset" procedure after restoring the normal operating conditions. If the malfunction warning persists, contact a Fiat Dealership as soon as possible. **Tyre pressure low** The warning light switches on continuously to indicate that the tyre pressure is lower than the recommended value and/or that slow pressure loss is occurring. In these cases, optimal tyre duration and fuel consumption may not be guaranteed. It is advisable to restore the correct pressure value (see the "Wheels" paragraph in the "Technical specifications" section). Once the normal operating conditions of the vehicle are restored, carry out the "Reset" procedure. IMPORTANT Do not continue driving with one or more flat tyres as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.
	City Brake Control - "Collision Mitigation" SYSTEM DEACTIVATED (for versions/markets, where provided) The warning light comes on when the City Brake Control - "Collision Mitigation" system is deactivated through the Setup menu. On some versions, the activation/deactivation of the system is indicated by a message shown on the display.

Warning light	What it means
	REAR FOG LIGHT The warning light switches on when the rear fog light is turned on.
	ABS FAILURE The warning light switches on (on some versions, together with a message and a symbol on the display) when the system is not efficient. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system. Drive carefully and contact a Fiat Dealership as soon as possible.
	HEATED REAR WINDOW The warning light turns on when switching the heated rear window on.
	HEATED WINDSCREEN (for versions/markets, where provided) The warning light turns on when the heated windscreen is turned on.
	FIAT CODE SYSTEM FAILURE (for versions/markets, where provided) The warning light switches on (on some versions, together with a message and a symbol on the display) to indicate a Fiat CODE system failure: in this case contact a Fiat Dealership as soon as possible.

Warning light	What it means
ESC	ESC SYSTEM (for versions/markets, where provided) If the warning light does not switch off or remains on (on some versions together with a message and a symbol on the display) whilst driving, contact a Fiat Dealership. **ESC system intervention**: the intervention of the system is indicated by the flashing warning light while driving. **Hill Holder failure**: the warning light switches on, for some versions together with the symbol and a message in the display, in the event of a Hill Holder system failure. In this case, contact a Fiat Dealership. **Traction Plus failure**: in the case of Traction Plus system failure, the **ESC** warning light switches on constantly.
	FUEL RESERVE - LIMITED RANGE This warning light comes on when about 6 to 8 litres of fuel are left in the tank. When the remaining range is lower than approx. 50 km (or equivalent value in miles), on some versions, the display will show a dedicated message. IMPORTANT The warning light will flash to indicate a system failure. If this is the case, go to a Fiat Dealership to have the system checked.

Warning light	What it means
	INJECTION/EOBD SYSTEM FAILURE If the warning light remains on or switches on whilst driving (on some versions together with the display of a message and a symbol), the injection system is not working properly. **Warning light on constantly**: signals a malfunction in the supply/ignition system that could cause high exhaust emissions, a possible loss of performance, poor driveability and high consumption. Under these conditions, the vehicle can continue travelling at moderate speed but without demanding excessive effort from the engine or high speed. Prolonged use of the vehicle with the warning light on constantly may cause damage: contact a Fiat Dealership as soon as possible. The warning light switches off if the malfunction disappears, but is still stored by the system. **Warning light on and flashing (for petrol engines only)**: it reports a possible damage to the catalytic converter. 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 a Fiat Dealership as soon as possible. **30)**

WARNING

30) *Go to a Fiat Dealership as soon as possible if the warning light either does not light up when the key is turned to MAR or lights up or flashes (along with a message and a symbol on the display on some versions). The exhaust emission levels may be checked by the traffic control authorities using the appropriate equipment. Always comply with the traffic regulations in force in the country where you are driving.*

Warning light	What it means
	GLOW PLUG PREHEATING FAILURE (Diesel versions) The warning light will flash (on some versions, together with a message and a symbol on the display) to indicate a fault in the plug preheating system. In this case, contact a Fiat Dealership as soon as possible.
LPG	LPG FUEL RESERVE (LPG versions) (for versions/markets, where provided) The warning light switches on when the residual quantity of LPG in the cylinder goes below 1/5 of the capacity. The display will also show a dedicated message.
CNG	METHANE RESERVE (Natural Power versions) The warning light switches on when the residual quantity of methane in the cylinder goes below 1/5 of the capacity. The display will also show a dedicated message.

Warning light	What it means
	DPF (PARTICULATE FILTER) CLEANING IN PROGRESS (Diesel versions with DPF only) The warning light (on some versions, together with a message and a symbol on the display) switches on constantly to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) through the regeneration process. The warning light does not come on during every DPF regeneration, but only when driving conditions require that the driver is notified. To switch the warning light off, the car must be kept moving until the regeneration process is completed. As an average, the process lasts fifteen minutes. The best conditions to complete the regeneration process are reached driving the car at about 60 km/h with engine speed over 2000 rpm. When this warning light switches on, it does not indicate a car failure and thus it should not be taken to a workshop. On some versions, together with the warning light switching on, the display shows a dedicated message. **31)**

WARNING

31) *Vehicle travel speed should always be adapted to the traffic and weather conditions, and must always comply with traffic regulations. The engine can be stopped even if the warning light is on: however, repeated interruptions of the regeneration process could cause premature degradation of the engine oil. For this reason, it is always advisable to wait for the warning light to go off before turning the engine off, following the instructions appearing above. It is not advisable to complete DPF regeneration with the vehicle stationary.*

Warning light	What it means
	GENERIC FAILURE INDICATION The warning light switches on in the following circumstances. In these cases contact a Fiat Dealership to have the fault fixed as soon as possible: ❒ *Limit speed exceeded*: on some versions, when the limit speed is exceeded, a message and a symbol are displayed, along with a buzzer; ❒ *Fuel cut-off system intervention/failure* ❒ *External light failure*: the warning light switches on when a failure is detected in one of the following lights: daytime running lights (DRL) (where provided)/side lights/direction indicator/rear fog light/reversing light/ number plate light/brake lights (for versions with multifunction display only). The fault relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection; ❒ *DST (Dynamic Steering Torque or steering corrector) system failure* ❒ *Water in diesel fuel filter* ❒ *Stop/Start system failure* ❒ *Methane level sensor failure (or LPG level)* ❒ *Temporary or permanent City Brake Control - "Collision Mitigation" system failure* ❒ *Rain sensor failure* ❒ *Assisted parking failure* ❒ *Dusk sensor failure* ❒ *Engine oil pressure sensor failure* (on versions with reconfigurable multifunction display the failure is indicated by the switching on of the icon in the display) ❒ *Warning light failure* On some versions, the warning light switches on along with the display of a message and a symbol.

Green warning lights

Warning light	What it means
	LPG COMPLETION (or METHANE) (LPG or Natural Power versions) The warning light switches on (together with a message on the display) when an LPG level sensor failure is detected (LPG versions) or methane level sensor (Natural Power versions). In this case, the vehicle switches to petrol operation directly.
	SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS/FOLLOW ME HOME The warning light switches on when side lights or dipped beam headlights are turned on. **Follow me home**: the warning light switches on (on some versions together with a message and a symbol on the display) when this device is used. The display shows also the time set for this functions (in seconds).
	AUTOMATIC MAIN BEAM HEADLIGHTS This warning light comes on when the automatic main beam headlights are turned on.
	FOG LIGHTS The warning light switches on when the fog lights are turned on.
	LEFT DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved downwards or, together with the right direction indicator, when the hazard warning light button is pressed.
	RIGHT DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed.

Warning light	What it means
CITY	"DUALDRIVE" ELECTRIC POWER STEERING SYSTEM ON (for versions/markets, where provided) The activation of the "Dualdrive" electric power steering is signalled by the switching on of the LED placed on the button located in the instrument panel and by the displaying of the word CITY (in some versions it is signalled by the displaying of the CITY message). When the power steering is deactivated, the CITY message switches off.
	CRUISE CONTROL (for versions/markets, where provided) The warning light switches on when the Cruise Control ring nut is turned to . On some versions the display will show a message in the case of system activation/deactivation.
	SPEED LIMITER (for versions/markets, where provided) **Activation**: the warning light switches on when the Cruise Control ring nut is turned to . On some versions, the intervention of the device is indicated by a message and a symbol shown on the display and by the indication of the last stored vehicle speed. **Deactivation**: the deactivation of the system is indicated by the warning light switching off on the instrument panel and, on some version, by the display of a message and OFF symbol.

Blue warning lights

Warning light	What it means
	MAIN BEAM HEADLIGHTS The warning light switches on when the main beam headlights are turned on.

SYMBOLS AND MESSAGES ON THE DISPLAY

Warning light	What it means
	DUALOGIC GEARBOX FAILURE (for versions/markets, where provided) The symbol is displayed, along with a dedicated message and an acoustic signal, when a fault is detected in the gearbox. The display also shows the messages for: ❒ downshift request; ❒ manual (or automatic) drive mode impossible; ❒ clutch overheating; ❒ delayed start/press of the brake pedal; ❒ brake pedal press and repetition of the manoeuvre ❒ gear not available; ❒ manoeuvre not allowed; ❒ gearbox lever in neutral position. **32) 33) 34)**

WARNING

32) *In the case of a gearbox failure, contact a Fiat Dealership as soon as possible to have the system checked.*

33) *If the messages continue to be shown in the display, contact a Fiat Dealership.*

34) *To protect the efficiency of the clutch, do not use the accelerator to keep the vehicle stationary (e.g. when stopped on an incline). The clutch could overheat and be damaged; use the brake pedal and only operate the accelerator pedal when you decide to set off.*

Message on display	
	POSSIBLE ICE ON ROAD The symbol is displayed (along with a dedicated message on the display) when the outdoor temperature is lower than or equal to 3°C. In the event of outside temperature sensor failure, the digits that indicate the value are replaced by dashes.
LPG	LPG FUEL SUPPLY SYSTEM FAILURE The display will show the symbol and a dedicated message if the LPG fuel supply system is faulty.
CNG	METHANE FUEL SUPPLY SYSTEM FAILURE The display will show the symbol and a dedicated message if the methane fuel supply system is faulty.
SHIFT SHIFT	GEAR SHIFT INDICATOR The symbols are displayed to inform the driver to upshift (speed increase) or downshift (speed decrease).
TRACTION PLUS SYSTEM	**System activation/deactivation**: it is indicated by the displaying of a message.
ASR SYSTEM	**System activation**: it is indicated by the displaying of a message. **System deactivation**: it is indicated by the displaying of a message (on some versions a symbol is displayed, too).
ECO FUNCTION	**Function activation/deactivation**: it is indicated by the displaying of a message.

Message on display	
STOP/START SYSTEM	**System activation**: it is signalled by a message on the display. **System deactivation**: it signalled by a message on the display. On some versions, the Ⓐ symbol is displayed as well. **System failure** ❒ *Versions with multifunction display*: it is indicated by the switching on of the ⚠ warning light on the instrument panel and by the display of a dedicated message. ❒ *Versions with reconfigurable multifunction display:* it is indicated by the displaying of the ⓘ symbol along with a dedicated message. In the event of a Stop/Start system failure, contact a Fiat Dealership.
SERVICE	SCHEDULED SERVICING (SERVICE) When the next scheduled service is approaching, the word “Service” appears on the display, followed by the number of kilometres or miles left. This is displayed automatically, with ignition key at MAR, 2000 km (or equivalent value in miles) before servicing or, where provided, 30 days before servicing. It is also displayed each time the key is turned to MAR or, for versions/markets, where provided, every 200 km (or equivalent value in miles). Go to a Fiat Dealership, where the "Scheduled Servicing Plan" operations will be performed and the message will be reset.

LED ON DASHBOARD TRIM

Warning light	What it means
	PASSENGER AIRBAG/SIDE BAGS DEACTIVATED (for versions/markets, where provided) The LED is located on the instrument panel and switches on deactivating the front passenger airbag and the side bag. With front passenger airbag on, when the ignition key is turned to MAR, the LED switches on constantly for several seconds and then it should switch off. **35)**

WARNING

35) *The LED indicates any warning light faults. This condition is indicated by intermittent flashing of the LED for more than 4 seconds. In this case, the warning light may not indicate possible failures of the restraint systems. Before resuming driving, contact a Fiat Dealership immediately to have the system checked*

SAFETY

The chapter that you are about to read is very important: it describes the safety systems with which the vehicle is equipped and provides instructions on how to use them correctly.

ACTIVE SAFETY SYSTEMS 65
DRIVING ASSISTANCE SYSTEMS .. 67
OCCUPANT PROTECTION SYSTEMS 71
SEAT BELTS 72
SBR (SEAT BELT REMINDER) SYSTEM 73
PRETENSIONERS..... 74
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SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG..... 86

ACTIVE SAFETY SYSTEMS

eLUM

ABS (Anti-lock Braking System)

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

This system, which is an integral part of the braking system, prevents one or more wheels from locking and slipping in all road surface conditions, irrespective of the intensity of the braking action, ensuring that the vehicle can be controlled even during emergency braking and optimising stopping distances.
The ABS also includes the following systems: EBD (Electronic Braking Force Distribution), MSR (Motor Schleppmoment Regelung) and HBA (Hydraulic Brake Assist).

51) 52) 53)

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

System intervention

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

ESC (Electronic Stability Control) SYSTEM

54) 55) 56) 57) 58) 59)

The ESC system improves the directional control and stability of the vehicle in various driving conditions, correcting understeer and oversteer, distributing the brake force on the appropriate wheels.

System intervention

The intervention of the system is indicated by the flashing of the **ESC** warning light on the instrument panel, to inform the driver that the vehicle is in critical stability and grip conditions.

System activation

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

HH (Hill Holder) SYSTEM

60) 61)

This system is an integral part of the ESC system and facilitates starting on slopes.
The device is automatically switched on in the following cases:

❒ *uphill*: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and transmission in neutral or gear other than reverse engaged;

❒ *downhill*: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.

ASR (AntiSlip Regulation) SYSTEM

The ASR system automatically operates in the event of one or both drive wheels slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc.

Engagement/disengagement of the ASR system

The system comes on automatically whenever the engine is started. Whilst driving, the ASR can be switched off and subsequently switched on again by pressing the ASR OFF button fig. 60.

60 F0Y0164C

DST (Dynamic Steering Torque or steering corrector) system

62)

The DST (steering corrector) function uses the integration of the ESC system with the electric power steering to increase the safety level of the whole vehicle. In critical situations (understeering, oversteering, braking with different grip conditions), through the DST function the ESC system controls the steering to implement an additional torque contribution on the steering wheel, to suggest the most correct manoeuvre to the driver.

ERM (Electronic Rollover Mitigation) SYSTEM

63)

The system monitors the tendency of the wheels to rise from the ground if the driver performs extreme manoeuvres like quick steering to avoid an obstacle, especially in poor road conditions.
If these conditions occur, the system intervenes on the brakes and engine power to reduce the possibility that the wheels are raised from the ground. It is not possible to avoid tendency to roll over if the phenomenon is due to reasons such as driving on high side gradients, collision with objects or other vehicles.

WARNING

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

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

46) *If the ABS intervenes, this indicates that the traction of the tyres on the road is about to reach its limit. You must slow down to a speed compatible with the available grip.*

47) *The ABS cannot alter the natural laws of physics, and cannot increase grip which depends on the condition of the road.*

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

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

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

51) *The HBA system cannot increase tyre grip on the road over the limits imposed by laws of physics: always drive carefully according to the conditions of the road surface.*

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

53) *The HBA system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver. The capability of the HBA system must never be tested irresponsibly and dangerously, in such a way as to compromise the safety of the driver, the other occupants of the car or any other road user.*

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

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

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

57) *For the correct operation of the ESC and ASR systems it is extremely important that the tyres are the same brand and the same type on all the wheels, in perfect condition and, above all, the recommended type and size.*

58) *The performance of the ESC and ASR systems must not encourage the driver to take unnecessary risks. Your driving style must always be suited to the road conditions, visibility and traffic. The driver is, in any case, responsible for safe driving.*

59) *The ESC functions even when the space-saver wheel is being used. Always remember that the space-saver wheel, being smaller than the original wheel, provides less grip.*

60) *The Hill Holder system is not a parking brake; therefore, never leave the car without having engaged the handbrake, turned the engine off and engaged first gear, so that the vehicle is parked in safe conditions (for further information read the "Parking" paragraph in the "Starting and driving" chapter).*

61) *There may be situations on small gradients (less than 5%), with car laden, in which the Hill Holder system may not activate, causing a slight reversing motion and increasing the risk of collision with another vehicle or object. The driver is, in any case, responsible for safe driving.*

62) *DST is an aid for driving and does not relieve the driver of responsibility while driving the vehicle.*

63) *The performance of a vehicle with ERM must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver or other people at risk.*

DRIVING ASSISTANCE SYSTEMS

The vehicle can be equipped with the following active safety devices:

❒ Traction Plus;

❒ City Brake Control - "Collision Mitigation";

❒ iTPMS.

For the operation of the systems, see the following pages.

TRACTION PLUS SYSTEM

(for versions/markets, where provided)

The system works as a driving aid, useful for setting off in poor grip conditions (snow, ice, mud, etc.), which allows the drive force to be distributed optimally on the front axle.
The system acts by braking the wheels with poor grip (or those slipping more than the others), transferring the drive force to those which have greater grip on the ground.
The activation of the Traction Plus system generates the differential locking effect on the front axle through the braking system, to optimise traction on irregular terrain.
When the engine is started the system is deactivated.

System activation: press the T+ fig. 61 button: the LED on the button switches on and the display shows a dedicated message. The system operates at speeds below 30 km/h: when this speed is exceeded, it deactivates automatically (the LED on the button stays on) and reactivates as soon as the speed drops below 30 km/h.
System deactivation: to deactivate the system, once activated, press the T+ button again.

61 F0Y0248C

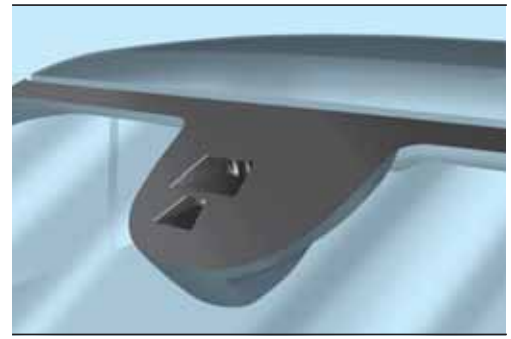
CITY BRAKE CONTROL - "Collision Mitigation" SYSTEM

(for versions/markets, where provided)

64) 65) 66) 67) 68)

36) 37) 38) 39) 40) 41) 42) 43)

This is a driving assistance system, which includes a laser sensor, located in the upper part of the windscreen fig. 62, that can detect the presence of nearby vehicles in the front.



62 F0Y0200C

In the event of an imminent collision the system intervenes by automatically braking the vehicle to prevent the crash or reduce its effects.
The system only works if:

- ❒ **the ignition key is turned to MAR;**
- ❒ **the vehicle speed is between 5 and 30 km/h;**
- ❒ **a forward gear is engaged;**
- ❒ **the front seat belts are fastened.**

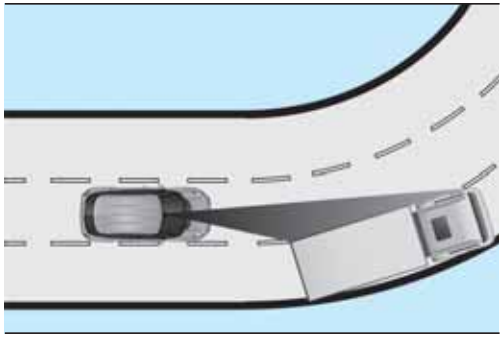
Anyway, the system can be deactivated (then reactivated) through the Setup Menu on the display.

The system activates if there is risk of imminent collision and the driver does not press the brake pedal promptly.
If the system detects that the vehicle ahead could be hit, it may prepare the vehicle to a possible emergency braking.
If the driver does not carry out any action to prevent the collision, the system may automatically slow down the vehicle, in order to prepare it to a possible impact.
Versions with Start&Stop system: at the end of the automatic braking, the Stop/Start system will activate.
Versions equipped with manual gearbox: at the end of the automatic braking the engine may stall and turn off, unless the clutch pedal is pressed.
Versions equipped with Dualogic automatic transmission (for versions/markets, where provided): at the end of braking the last gear stored remains engaged.

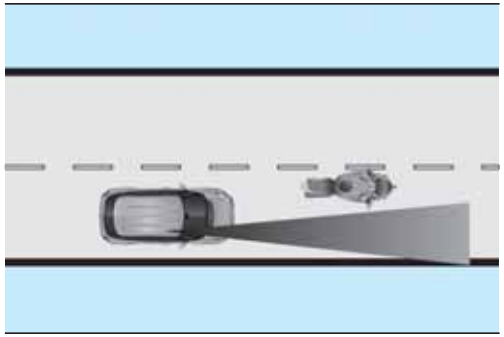
IMPORTANT After the vehicle is stopped, the brake calipers may be locked for about 2 seconds for safety reasons. Make sure you press the brake pedal if the vehicle moves slightly forwards.

Driving in special conditions

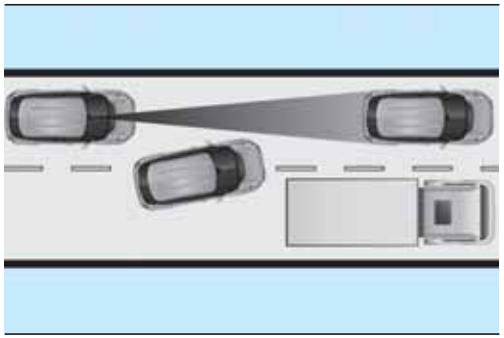
In certain driving conditions, such as, for example: driving around a bend (see fig. 63) / small vehicles and/or vehicles not aligned with the driving lane (see fig. 64) / lane change by other vehicles (see fig. 65) the system operation might be unexpected or delayed. Pay the utmost attention, keeping control of the vehicle to drive in complete safety.



63 F0Y0320C



64 F0Y0321C



65 F0Y0322C

iTPMS (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)

44) 45) 46) 47) 48) 49)

The iTPMS can monitor the tyre inflation status through the wheel speed sensors. The system warns the driver if one or more tyres are flat by switching on the warning light (!) on the instrument panel and a warning message on the display, along with an acoustic signal.

If one tyre only is flat, the system can indicate its position: it is in any case recommended to check the pressure on all four tyres.

This indication is displayed also when turning the engine off and on again until the "Reset" procedure is carried out.

"Reset" procedure

The iTPMS needs an initial "self-learning" phase (with length depending on the driving style and road conditions: optimal conditions being driven on a straight road at 80 km/h for at least 20 minutes) which starts when the "Reset" procedure is carried out.

The "Reset" procedure must be carried out:

❒ each time tyre pressure is modified;

❒ when even only one tyre is changed;

❒ when tyres are rotated/inverted;

❒ when the space-saver wheel is fitted.

Before carrying out the "Reset" procedure, inflate the tyres to the rated pressure values specified in the inflation pressure table (see the "Wheels" paragraph in the "Technical specifications" chapter).

If the "Reset" procedure is not carried out, in all above cases, the (!) warning light may give false indications on one or more tyres.

To carry out the "Reset" procedure, with the vehicle stopped and the ignition device at MAR, use the Setup Menu as follows:

❒ briefly press the SET button: the display will show "Reset";

❒ press the ▲ button or the ▼ button to select ("Yes" or "No");

❒ briefly press the SET button: the display will show "Confirm";

❒ press the ▲ button or the ▼ button to select ("Yes" to "Reset" or "No" to exit the screen);

❒ hold the SET button down again to go back to the standard screen or to the main menu according to where you are in the menu.

Once the "Reset" procedure has been performed, the display shows a message indicating that the "self-learning" procedure has started.

Working conditions

The system is active for speeds above 15 km/h. In a few situations such as sporty driving, particular conditions of the road surface (e.g. icy, snowy, unsurfaced roads) the signalling may be delayed, or be partial in the detection if more tyres are flat simultaneously. Under special conditions (e.g. vehicle loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver wheel, use of the "Fix&Go Automatic" kit, fitting snow chains, fitting different tyres on the axles) the system may give false indications or be temporarily deactivated.

If the system is temporarily deactivated the (!) warning light flashes for about 75 seconds and then is continuously on; at the same time, the display shows a dedicated message. This indication is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.

WARNING

64) *The system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver, who must take into account the traffic conditions in order to drive in complete safety. The driver must always maintain a safe distance from the vehicle in front.*

65) *If the driver depresses the brake pedal fully or carries out a fast steering during system operation, the automatic braking function may stop (e.g. to allow a possible manoeuvre to avoid the obstacle).*

66) *The laser beam is not visible at the naked eye. Do not look directly, or with optical instruments (e.g. lenses), at the laser beam from a distance lower than 10 cm: this may cause damage to the sight. The laser beam is also present when the key is at MAR but its operation is off, not available or manually deactivated with the display Setup Menu.*

67) *The system intervenes on vehicles travelling in the same lane. Small sized vehicles (e.g. bicycles or motorbikes) or people, animals and things (e.g. pushchairs) and more in general all those obstacles with a low reflection of the light emitted by the laser (e.g. vehicles soiled with mud) are not taken into consideration.*

68) *If the car must be placed on a roller bench (at a speed within 5 and 30 km/h) for maintenance interventions or if it is washed in an automatic roller washing tunnel with an obstacle in the front part (e.g. another car, a wall or another obstacle), the system may detect its presence and activate. In this case the system must be deactivated through the display Setup Menu.*

WARNING

36) *The laser sensor may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow, formation of ice layers on the windscreen.*

37) *Sensor operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen, by traffic conditions (e.g. vehicles that are driving not aligned with yours, vehicles driving in a transverse or opposite way on the same lane, bend with a small radius of curvature), by road surface conditions and by driving conditions (e.g. off-road driving). Make sure the windscreen is always clean. Use specific detergents and clean cloths to avoid scratching the windscreen. The sensor operation may also be limited or absent in some driving, traffic and road surface conditions.*

38) *Projecting loads on the roof of the vehicle may interfere with the correct operation of the sensor. Before starting make sure the load is correctly positioned, in order not to cover the sensor operating range.*

39) *If the windscreen must be replaced due to scratches, chipping or breakage, contact exclusively a Fiat Dealership. Do not replace the windscreen on your own, risk of malfunction! It is advisable to replace the windscreen if it is damaged in the area of the laser sensor.*

40) *Do not tamper with nor operate on the laser sensor. Do not close the openings in the aesthetic cover located under the interior rear view mirror. In the event of a sensor failure, contact a Fiat Dealership.*

41) *If you are driving on roads close to trees with protruding branches it is advisable to deactivate the system to prevent the branches at the height of the bonnet or the windscreen from interfering with the system.*

42) *Do not cover the operating range of the sensor with stickers or other objects. Also pay attention to other objects on the bonnet (e.g. a layer of snow) and make sure they do not interfere with the light emitted by the laser.*

43) *If a trailer or a vehicle is towed, the system must be deactivated with the display Setup Menu.*

44) *If the system signals a pressure decrease on a specific tyre, it is recommended to check the pressure on all four tyres.*

45) *iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; it is not to be considered a system to replace maintenance or a safety system.*

46) *The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.*

47) *The iTPMS only warns that the tyre pressure is low: it is not able to inflate them.*

48) *Insufficient tyre inflation increases fuel consumption, reduces the tread duration and may affect the capacity to drive safely.*

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

OCCUPANT PROTECTION SYSTEMS

The most important safety equipment of the vehicle comprise the following protection systems:

❒ seat belts;

❒ SBR (Seat Belt Reminder) system;

❒ head restraints;

❒ child restraint systems;

❒ front airbags and side bags.

Read the information given the following pages with the utmost care. It is of fundamental importance that the protection systems are used in the correct way to guarantee the maximum possible safety level for the driver and the passengers.

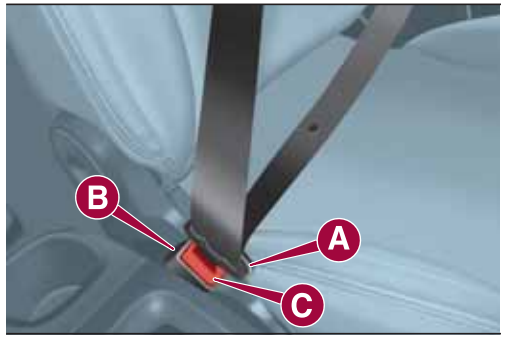
For the description of the head restraint adjustment see paragraph "Head restraints" in chapter "Knowing your vehicle".

SEAT BELTS

69) 70)

USING THE SEAT BELTS

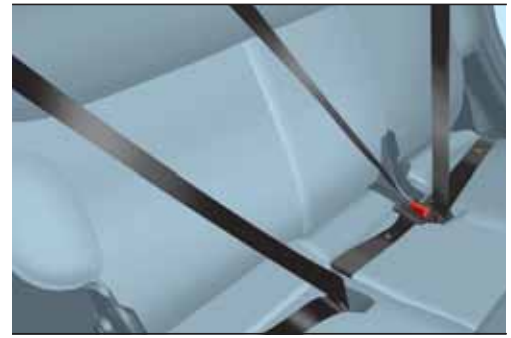
The driver is responsible for respecting, and ensuring that all the other occupants of the vehicle also respect, the local laws in force in relation to the use of the seat belts.
Always fasten the seat belts before setting off.
The seat belt should be worn keeping the torso straight and rested against the backrest.
To fasten the seat belts, hold the tongue A fig. 66 and insert it into the buckle B, until it clicks into place.



66 F0Y0085C

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

To unfasten the seat belts, press button C and guide the seat belt with your hand while it is rewinding, to prevent it from twisting.
The retractor may lock when the vehicle is parked on a steep slope: this is perfectly normal. Furthermore, the retractor mechanism locks the belt if it is pulled sharply or in the event of sudden braking, collisions or high-speed bends.
The rear seat is fitted with inertia seat belts with three anchor points and a retractor. Wear the rear seat belts as shown in fig. 67.



67 F0Y0086C

IMPORTANT When returning the rear seat from the tilted position to the normal operating position, take care to refit the seat belt correctly, in order to guarantee prompt availability every time.

500L LIVING 7-seater versions

The third row rear seats have inertia seat belts with three anchor points and retractor. Wear the rear seat belts as shown in fig. 68.

68 F0Y0379C

PRO versions

The vehicle is equipped with rear seat approved for only two occupants (see fig. 69) with three point seat belts and retractor.

69 F0Y0792C

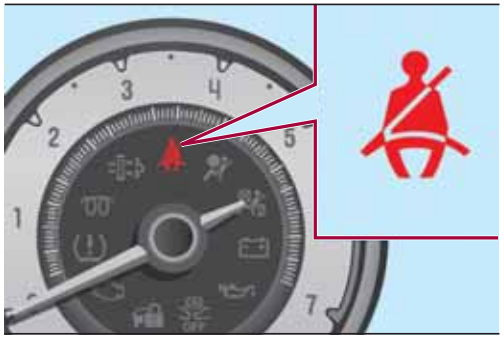
WARNING

69) *Never press button C fig. 66 when travelling.*

70) *Remember that in the event of a violent impact the rear seat passengers not wearing seat belts are exposed to a very serious risk and also represent a serious danger for the front seat occupants.*

SBR (Seat Belt Reminder) SYSTEM

This system consists of a device which, in conjunction with the warning light coming on in the instrument panel fig. 70 (initially in fixed mode with continuous acoustic signal and then in flashing mode with intermittent acoustic signal), warns the driver and front passenger that their seat belts have not been fastened.



70 F0Y0116C

To deactivate the acoustic warning permanently go to a Fiat Dealership. The acoustic warning can be reactivated at any time through the display Setup Menu.

DRIVER

If the driver is the only occupant and the seat belt is not fastened, when 20 km/h is exceeded or when travelling at a speed from 10 to 20 km/h for longer than 5 seconds, an acoustic signal sequence will be started (front seats) consisting of a tone for 6 seconds followed by a 90 second beep. The warning light will flash. The warning light will stay on constantly at the end of the cycle until the engine is stopped. The acoustic signal will be interrupted immediately when the driver's seat belt is fastened and the warning light will switch off.
The reminder cycle (acoustic and visual) will be repeated as described above if the seat belt is unfastened while travelling.

PASSENGER

A similar solution applies for the passenger, but the indication is interrupted when the passenger leaves the car as well.
If both the front seat belts are unfastened with car in motion and within a few seconds one from the other, the acoustic signal and activation of the warning light will refer to the most recent event.

PRETENSIONERS

71) 72) 73) 74) 50)

The vehicle is equipped with front seat belt pretensioners, which draw back the seat belts by several centimetres in the event of a strong frontal impact. This guarantees the perfect adherence of the seat belts to the occupant's bodies before the retention action begins.
It is evident that the pretensioners have been activated when the belt withdraws toward the retractor.
This vehicle is also equipped with a second pretensioner (fitted in the kick plate area). Its activation is signalled by the shortening of the metal cable.
A slight discharge of smoke may be produced during the activation of the pretensioner which is not harmful and does not indicate any fire hazard.
The pretensioner does not require any maintenance or lubrication: any changes to its original conditions will invalidate its efficiency.
If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and/or mud, contact a Fiat Dealership to have it replaced.

IMPORTANT To obtain the highest degree of protection from the action of the pretensioner, wear the seat belt tight to the torso and pelvis.

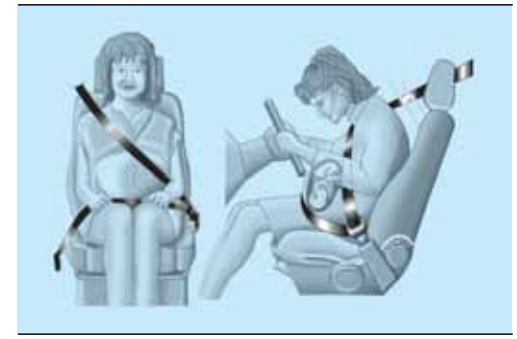
LOAD LIMITERS

To increase safety in the event of an accident, the front seat belt retractors contain a load limiter which controls the force acting on the chest and shoulders during the belt restraining action in the event of a head-on collision.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

Respect and ensure that all the other occupants of the vehicle comply with the local laws in force regarding the use of seat belts. Always fasten the seat belts before setting off.
Seat belts must also be worn by pregnant women: the risk of injury in the event of an accident is reduced for them and the unborn child if they are wearing a seat belt.

Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen fig. 71. While pregnancy increases, the driver must adjust both seat and steering wheel to have full control over the vehicle (pedals and steering wheel should be easily accessed). The maximum clearance should be kept between the abdomen and the steering wheel.



71 F0Y0700C

The seat belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally fig. 72. The lower part must adhere to the pelvis, not to the abdomen of the occupant. Never use devices (clips, clamps, etc.) that hold the seat belt away from your body.

72 F0Y0701C

Each seat belt must be used by only one person. Never travel with a child sitting on the passenger's lap and a single belt to protect them both fig. 73. In general, do not place any objects between the person and the belt.

73 F0Y0702C

SEAT BELT MAINTENANCE

For keeping the seat belts in efficient conditions, observe the following:

❒ always use the seat belt well stretched and never twisted; make sure that it is free to run without obstructions;

❒ check seat belt operation as follows: attach the seat belt and pull it hard;

❒ replace the belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the seat belt if the pretensioners were deployed;

❒ to clean the seat belts, wash by hand with water and neutral soap, rinse and leave to dry in the shade. Never use strong detergents, bleach, paints or any other chemical substance which could damage the belt fibres;

❒ prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;

❒ replace the seat belt when it shows wear or cuts.

WARNING

71) *The pretensioner may be used only once. Contact a Fiat Dealership to have it replaced after it has been deployed.*

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

73) *For maximum safety, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your torso and pelvis. Always fasten the seat belts for both the front and rear seats! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.*

74) *If the belt has been subjected to high levels of stress, for example after an accident, it should be changed completely together with the attachments, attachment fixing screws and the pretensioner. In fact, even if the belt has no visible defects, it may have lost its resilience.*

WARNING

50) *Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioner may damage or deploy it. Contact a Fiat Dealership should intervention be necessary on these components.*

CHILD PROTECTION SYSTEMS

CARRYING CHILDREN SAFELY

75) 76) 77) 78) 79) 80) 81)

For optimal protection in the event of an impact, all occupants must be seated and wearing adequate restraint systems, including newborn and other children! This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC.
Children below the height of 1.50 metres and until 12 years, must be protected with suitable restraint systems and be seated on the rear seats.
Statistics on accidents indicate that the rear seats give a better performance when protecting children safety.
Compared with an adult, a child's head is larger and heavier in proportion to their body and the child's muscular and bone structures are not fully developed. Therefore, correct restraint systems other than adult seat belts are necessary to reduce as much as possible the risk of injuries in the event of an accident, braking or sudden manoeuvre.

Children must be seated safely and comfortably. Depending on the characteristics of the child restraint systems used, you are advised to keep children in rearward facing child restraint systems for as long as possible (at least until 3–4 years old), since this is the most protected position in the event of an impact.
The choice of the most suitable child restraint system depends on the weight and size of the child. It is recommended to always choose the restraint system most suitable for the child; for this reason always refer to the Owner Handbook provided with the child restraint system, to be sure that it is of the right type for the children it is intended for.
In Europe the characteristics of child restraint systems are ruled by the regulation ECE-R44, dividing them into five weight groups:

Group	Weight range
Group 0	up to 10 kg
Group 0+	up to 13 kg
Group 1	9–18 kg
Group 2	15–25 kg
Group 3	22-36 kg

All restraint devices must bear the certification data, together with the control mark, on a label solidly fixed to the child restraint system which must never be removed.
Lineaccessori MOPAR® includes child restraint systems for each weight group. These devices are recommended having been specifically designed for Fiat vehicles.

500L PRO versions

IMPORTANT For this outfit the highway code does NOT allow to carry children regardless of the retaining system: child restraint systems, universal ISOFIX child restraint systems, seat belts.
This limitation is extended to the front seats as well.

FITTING A CHILD RESTRAINT SYSTEM WITH SEAT BELTS

The Universal child restraint systems installed with the seat belts only are type-approved on the basis of the ECE R44 standard and are divided into various weight groups.

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

Group 0 and 0+

Infants up to 13 kg must be carried with a backward facing child restraint system of a type as shown in fig. 74 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

74 F0Y0703C

The child restraint system is secured by the vehicle seat belts, as shown in the figure and it must restrain the child in turn with its own belts.

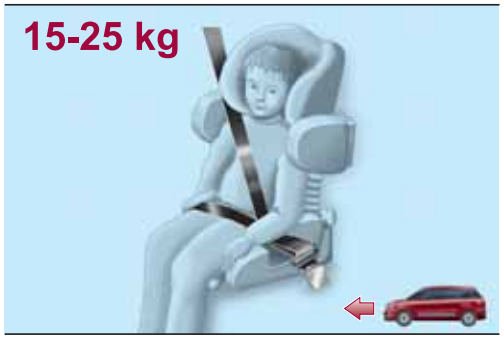
Group 1

Children of weight from 9 to 18 kg may be carried in a forward facing child restraint system fig. 75.

Group 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 76.

75 F0Y0704C



76 F0Y0705C

In this case, the child restraint system is used to position the child correctly with respect to the seat belts so that the diagonal belt section crosses the child's chest and not the neck, and the lower part is snug on the pelvis not the abdomen.

Group 3

For children between 22 and 36 kg, there are dedicated restraint systems that allow the seat belt to be worn correctly.
The fig. 77 shows the correct child positioning on the rear seat.

77 F0Y0706C

Children over 1.50 m in height can wear seat belts like adults.

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL CHILD RESTRAINT SYSTEM USE

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

5-seater versions

Group	Weight groups	Front passenger	Rear central passenger	Rear outer passengers
Group 0, 0+	up to 13 kg	U	X	U
Group 1	9-18 kg	U	X	U
Group 2	15-25 kg	U	X	U
Group 3	22-36 kg	U	X	U

7-seater versions (for versions/markets, where provided)

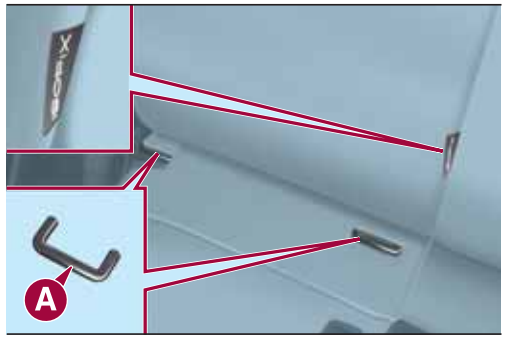
Group	Weight groups	Front passenger	2nd row rear central passenger	2nd row rear side passengers	3rd row rear side passengers (*)
Group 0, 0+	up to 13 kg	U	X	U	X
Group 1	9-18 kg	U	X	U	UF (**)
Group 2	15-25 kg	U	X	U	UF (**)
Group 3	22-36 kg	U	X	U	UF (**)

(*) = For versions/markets, where provided
(**) = The 2nd row seat must be adjusted.
X = Seat not suitable for children in this weight category.
U = Suitable for child restraint systems in the “Universal” category, according to European Standard ECE-R44 for the specified “Groups”.

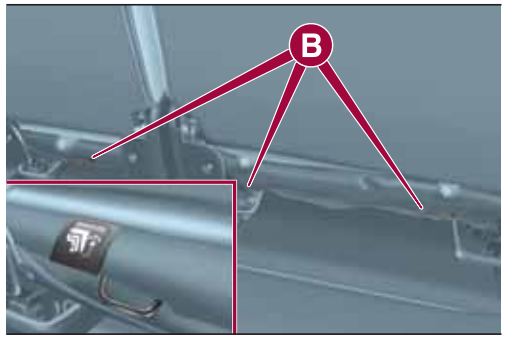
FITTING AN ISOFIX CHILD RESTRAINT SYSTEM

82) 83) 84) 85)

The car is equipped with ISOFIX anchorages, a new standard which makes fitting a child restraint system quick, simple and safe.
The ISOFIX system allows the ISOFIX child restraint systems to be fitted, without using the vehicle's seat belt, but directly securing the child restraint system to three anchorages present on the vehicle. Traditional child restraint systems can be fitted alongside ISOFIX child restraint systems on different seats in the same vehicle.
To install an ISOFIX child restraint system, secure the restraint system to the two metal anchorages A fig. 78 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchorage B fig. 79 located at the bottom behind the backrest.
500L Natural Power versions: should the child restraint system anchorage not be visible immediately, it is recommended to remove the load platform.
fig. 80 shows an example of a Universal ISOFIX child restraint system for weight group 1.



78 F0Y0088C



79 F0Y0089C

IMPORTANT The fig. 80 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.
NOTE When a Universal ISOFIX child restraint system is used, only ECE R44 "ISOFIX Universal" (R44/03 or further upgrades) type-approved child restraint systems can be used.

80 F0Y0707C

The other weight groups are covered by specific ISOFIX child restraint systems, which can be used only if specifically tested for this vehicle (see list of vehicles provided with the child restraint system).

SUITABILITY OF PASSENGER SEATS FOR ISOFIX CHILD RESTRAINT SYSTEM USE

The tables below show the various installation possibilities for ISOFIX child restraint systems on seats fitted with the specific anchorages in accordance with European standard ECE 16.

Weight group	Child restraint system position	Isofix size class	Rear side passengers
Group 0 (up to 10 kg)	Rearward facing	E	IL
Group 0+ (up to 13 kg)	Rearward facing	E	IL
	Rearward facing	D	IL
	Rearward facing	C	IL (*)
Group 1 (from 9 to 18 kg)	Rearward facing	D	IL
	Rearward facing	C	IL (*)
	Forward facing	B	IUF
	Forward facing	BI	IUF
	Forward facing	A	IUF

IL : suitable for ISOFIX child restraint systems of the categories for "specific vehicles", "restricted", or "semiuniversal", approved for this type of vehicle.
(*) : the Isofix child restraint system can be installed by adjusting the front seat.
IUF: suitable for forward facing Isofix child restraint systems in the Universal category and type-approved for the use in the weight group.

7-seater 500L LIVING versions (for versions/markets, where provided)

Weight group	Front passenger	2nd row rear central passenger	2nd row rear side passengers	3rd row rear side passengers (where provided)
Group 0+, 0+ (up to 13 kg)	U	X	U	X
Group 1 (from 9 to 18 kg)	U	X	U	UF (*)
Group 2 (15 kg to 25 kg)	U	X	U	UF (*)
Group 3 (22 kg to 36 kg)	U	X	U	UF (*)

(*) = The 2nd row seat must be adjusted.

CHILD RESTRAINT SYSTEMS RECOMMENDED BY FCA FOR YOUR 500L

Lineaccessori MOPAR® includes a complete range of child restraint systems to be fixed using the seat belt with three anchorage points or the ISOFIX anchorages.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+ – from 0 to 13 kg		**Britax Baby Safe plus** Approval number: E1 04301146 Fiat order code: 71806415	It must be fitted rearward facing with the three-point seat belt only. If it is installed on the front passenger seat, first remember to deactivate the airbag. Adjust the rear seat as far forward as the position of the front seat allows.
	 + 	**Britax Baby Safe plus** Approval number: E1 04301146 Fiat order code: 71806415 + **Britax Baby Safe ISOFIX base** Fiat order code: 71806416	It must be fitted rearward facing using car's adult seat belts and the reccomended Isofix base. It must be fitted in the rear outer seats. Adjust the rear seat as far forward as the position of the front seat allows.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 1 – from 9 up to 18 kg		**Fair G0/1S ISOFIX** Approval number: E4 04443718 Fiat order code for Central and Southern Europe: 71806647 Fiat order code for Northern Europe: 71806649 Fiat order code for Eastern Europe: 71806650	
	+	+	
		Fair ISOFIX RWF platform, "L" type for G0/1S Fiat order code: 71806634	It must be fitted rearward facing using the Isofix platform "L" type, specific for 500L, the car's Isofix anchorages and the recommended CRS head restraint shown on the left. It must be fitted in the rear outer seats. Adjust the rear seat as far forward as the position of the front seat allows.
	+	+	
		Fair head restraint Fiat order code for Central and Southern Europe: 71806648 Fiat order code for Northern Europe: 71806652 Fiat order code for Eastern Europe: 71806653	

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 1 – from 9 up to 18 kg		**Britax Safefix TT** Approval number: E1 04301199 Fiat order code: 71805956	Child restraint system, Isofix universal with Top Tether It must be fitted forward facing, using Isofix anchorages and the upper belt, provided with the child restraint system. It must be fitted in the rear outer seats. For optimum protection please adjust the rear seat as far back as possible.
		Britax Roemer Duo Plus Approval number: E1 04301133 Fiat order code: 71803161	Child restraint system, Isofix universal with Top Tether It must be fitted forward facing, using Isofix anchorages and the upper belt, provided with the child restraint system. It must be fitted in the rear outer seats. For optimum protection please adjust the rear seat as far back as possible.
Group 2 – 3 from 15 kg to 36 kg		**Fair Junior Fix** Approval number: E4 04443721 Fiat order code: 71806570	It can only be fitted facing forwards, using the three-point seat belt and the Isofix attachments, if present in the selected position. For optimum protection Fiat suggests adjusting the rear seat as far back as possible.

IMPORTANT FCA recommends fitting the child restraint system according to the instructions, which must be included.

Main recommendations to carry children safely

❒ Install the child restraint systems on the rear seat, which is the most protected position in the event of an impact.

❒ Keep children in rearward facing child restraint systems for as long as possible, until 3–4 years old if possible.

❒ Should a rearward facing child restraint system be installed on the rear seats, it is advisable to position it as far forward as the position of the front seat allows.

❒ If the passenger's front airbag is deactivated always check the dedicated LED on the trim located on the dashboard switches on, to make sure that it has actually been deactivated.

❒ Carefully follow the instructions supplied with the child restraint system itself. Keep the instructions in the vehicle along with the other documents and this handbook. Do not use second-hand child restraint systems without instructions.

❒ Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.

❒ Always check that the seat belts do not rest on the child's neck.

❒ Always check that the seat belt is well fastened by pulling on it.

❒ While travelling, do not let the child sit incorrectly or unfasten the belts.

❒ Never allow a child to put the belt's diagonal section under an arm or behind their back.

❒ Never carry children on your lap, even newborns. No one can hold a child in the case of an accident.

❒ In the event of an accident, replace the child restraint system with a new one.

WARNING

75) *SEVERE DANGER When a front passenger airbag is fitted, do not install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the collision. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of an impact.*

76) *On the sun visor there is a label with suitable symbols reminding the user that it is compulsory to deactivate the airbag if a rearward facing child restraint system is fitted. Always comply with the instructions on the passenger's side sun visor (see the "Supplementary Restraint System (SRS) - Airbag" paragraph).*

77) *Should it be necessary to carry a child on the passenger side front seat in a rearward facing child restraint system, the passenger side front airbag and side bag must be deactivated through the display main Menu (see the instructions in the "Display" paragraph, "Knowing the instrument panel" chapter), verifying deactivation by checking whether the LED has switched on in the trim located on the dashboard. Move the passenger's seat as far back as possible to avoid contact between the child restraint system and the dashboard.*

78) *Do not adjust the front or rear seat if a child is seated on it or on the dedicated child restraint system.*

79) *Incorrect fitting of the child restraint system may result in an inefficient protection system. In the event of an accident the child restraint system may become loose and the child may be injured, even fatally. When fitting a restraint system for newborns or children, strictly comply with the instructions provided by the Manufacturer.*

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

81) *After installing a child restraint system, do not move the seat: always remove the child restraint system before making any adjustment.*

82) *Always make sure that the chest section of the seat belt does not pass under the arms or behind the back of the child. In the event of an accident the seat belt will not be able to secure the child, with the risk of injury, including fatal injury. Therefore the child must always wear the seat belt correctly.*

83) *Do not use the same lower anchorage to install more than one child restraint system.*

84) *If a Universal ISOFIX child restraint system is not fixed to all three anchorages, it will not be able to protect the child correctly. In a crash, the child could be seriously or fatally injured.*

85) *Fit the child restraint system only when the vehicle is stationary. The child restraint system is correctly fixed to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the Manufacturer must supply with the child restraint system.*

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The vehicle is equipped with:

❒ front driver airbag;

❒ front passenger airbag;

❒ driver knee bag (for versions/ markets, where provided);

❒ front side bags for pelvis, chest and shoulder protection of driver and passenger (for versions/markets, where provided);

❒ side bags for head protection of front seat passengers and rear side seat passengers (window bag).

FRONT AIRBAGS

The front driver/passenger airbags and the driver's knee bag (for versions/ markets, where provided) protect the front seat occupants in the event of frontal impacts of medium/high severity, by placing the bag between the occupant and the steering wheel or dashboard.
Therefore non-activation in other types of collisions (side collisions, rear shunts, roll-overs, etc.) is not a system malfunction.

Driver and passenger front airbags are not a replacement of but complementary to the seat belts, which should always be worn, as specified by law in Europe and most non-European countries.
In the event of impact, those not wearing a seat belt are projected forwards and may come into contact with the bag which is still inflating. The protection offered by the bag is compromised in these circumstances.
The front airbags may not activate in the case of a frontal impact against highly deformable objects not involving the front surface of the vehicle (e.g. wing collision against guard rail) or in the case of the vehicle wedging under other vehicles or protective barriers (e.g. under trucks or guard rails).
Failure to activate in the conditions described above is due to the fact that they may not provide any additional protection compared with seat belts, so their activation would be inappropriate.
In these cases, non-deployment does not indicate a system malfunction.

Driver's side front airbag

86) 87)

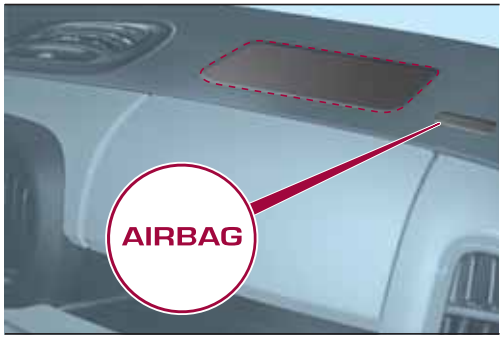
This consists of an instantly inflating cushion contained in a special compartment in the centre of the steering wheel fig. 81.

81 F0Y0112C

Passenger side front airbag

88)

This consists of an instantly inflating bag contained in a special recess in the dashboard fig. 82; this bag has a larger volume than that on the driver's side.



82 F0Y0113C

Passenger side front airbag and child restraint systems

89)

83 F0Y0708C

ALWAYS comply with the warning instructions on the label stuck on the passenger side sun visor fig. 83.

Driver's side knee bag

(for versions/markets, where provided)

It is located in a special compartment under the dashboard and has a dedicated cover fig. 84. It provides additional protection in the event of a frontal impact.

84 F0Y0207C

Deactivation of passenger side airbags: front airbag and side bag for pelvis-chest-shoulder protection (for versions/markets, where provided)

If a child must be carried on the front seat in rearward facing child restraint system, the passenger side front airbag and front side bag for pelvis, chest and shoulder protection must be deactivated (for versions/markets, where provided).

Airbag deactivation procedure

Proceed as follows, using the display Setup Menu:

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

❒ a confirmation request message will appear on the display;

❒ by pressing the ▲ or ▼ buttons select "Yes" (to confirm activation/ deactivation) or "No" (to cancel);

❒ press the SET button briefly; a message confirming the selection is displayed and you return to the menu screen; Hold down the button to return to the standard screen without storing. The fig. 85 LED is located on the trim in the dashboard: rotating the ignition key to MAR the LED switches on for a few seconds. If not, contact a Fiat Dealership.

85 F0Y0422C

During the first seconds, the activation of the LED does not actually show the passenger protection status, but only checks its correct operation. After the check, lasting a few seconds, the LED shows the condition of the passenger airbag status (**passenger protection deactivated**: LED on constantly / **passenger protection activated**: LED off).

FRONT PASSENGER SIDE AIRBAG AND CHILD RESTRAINT SYSTEMS: WARNING

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

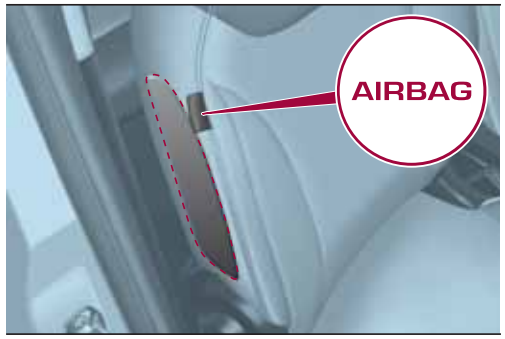
F0Y0709C

SIDE BAGS

To help increase occupants protection in the event of certain side impact collisions, the car is equipped with seat-mounted side bags (for versions/markets, where provided) and window bag.

Side bags
(for versions/markets, where provided)

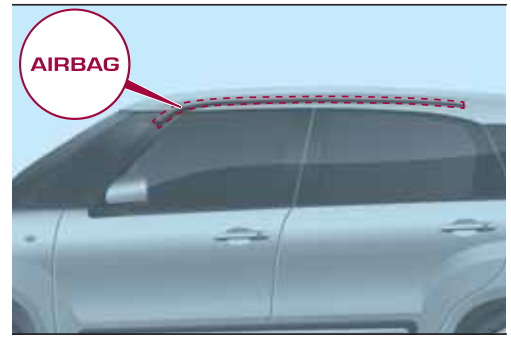
These comprise two types of bags located in the front seat backrests fig. 87 which protect the pelvis, chest and shoulder area of the occupants in the event of a side impact of medium/high severity.



87 F0Y0090C

Window bag

This comprises a "curtain" bag housed behind the roof side linings and covered by special trims fig. 88.



88 F0Y0206C

It is designed to protect the head of front and rear occupants in the event of a side collision, thanks to the wide cushion inflation surface.
The deployment of side bags in the event of side impacts of low severity is not required.
In the event of a side impact, the system provides best protection if the passenger sits on the seat in a correct position, thus allowing correct window bag deployment.

Important

90) 92) 93) 94) 95) 96) 97) 98)

Do not wash the seats with water or pressurised steam (wash by hand or at automatic seat washing stations).
The front and/or side airbags may activate in the event of sharp impacts to the underbody of the car (e.g. impact with steps, pavements, potholes or road bumps etc.).

When the airbag deploys it emits a small amount of dust: the dust is harmless and does not indicate the beginning of a fire. The dust may irritate the skin and eyes however: in this case, wash with neutral soap and water.
Airbag checking, repair and replacement must be carried out at a Fiat Dealership.
If the vehicle is scrapped, have the airbag system deactivated at a Fiat Dealership.
Pretensioners and airbags are deployed according to different logics on the basis of the type of collision. Failure to deploy of one or more of the devices does not indicate a system malfunction.

WARNING

86) *Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger side airbag area, on side upholstery on the roof or on the seats. Never put objects (e.g. mobile phones) on the passenger's side dashboard since they could interfere with correct inflation of the airbag and also cause serious injury to the passengers.*

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

88) *SEVERE DANGER: when an active passenger airbag is fitted, DO NOT install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed.*

89) *When an active passenger airbag is fitted, DO NOT install rear facing child restraint systems on the front seat. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact.*

90) *If the warning light does not switch on when the key is turned to MAR, or stays on whilst driving, a fault may have occurred in the restraint systems. In this case the airbags or pretensioners may not deploy in an impact or, in a lower number of cases, they may be deployed accidentally. Before proceeding, contact a Fiat Dealership immediately to have the system checked.*

91) *On some versions if the warning light does not switch on, the warning light switches on instead, deactivating the explosive charges of the passenger airbag.*

92) *If a side bag is present, do not cover the front seat backrests with extra covers.*

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

94) *If the vehicle has been subject to theft, attempted theft, vandalism, or flooding, have the airbag system inspected at a Fiat Dealership.*

95) *When the ignition key is inserted and turned to MAR, airbags may be deployed if another vehicle crashes into yours, even if the engine is not running and the vehicle is stationary. Therefore, even if the vehicle is stationary, when an active front passenger airbag is fitted, DO NOT install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag following an impact could cause fatal injuries to the child. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed. Also remember that, if the key is turned to STOP, none of the safety devices (airbags or pretensioners) will be deployed in the event of collision. Non-deployment in such cases does not indicate a system malfunction.*

96) *The LED indicates the passenger side airbag protection status. If the LED is off, passenger side protection is active: to deactivate it, use the Setup Menu (in this case the LED lights up). When the engine is started (ignition key turned to MAR position), the LED turns on for about 8 seconds, provided that at least 5 seconds have elapsed from when it was switched off. If not, contact a Fiat Dealership. If the engine is switched off/on again in less than 5 seconds the LED may remain off. In this case, to check correct LED operation, switch the engine off, wait for at least 5 seconds and switch the engine on again. The LED may light up with various intensity levels depending on the vehicle conditions. The intensity may also vary during the same key cycle.*

97) *The airbag deployment threshold is higher than that of the pretensioners. When the impact is between the two deployment thresholds, it is normal that pretensioners only are engaged.*

98) *The airbag does not replace seat belts, but increases their efficiency. Because front airbags are not deployed for low-speed crashes, side collisions, rear-end shunts or rollovers, occupants are protected, in addition to any side bags, only by their seat belts, which must therefore always be fastened.*

STARTING AND DRIVING

Let's get to the core of the vehicle: seeing how you can exploit all of its potential to the full.

We'll look at how to drive it safely in any situation, so that it can be a welcome companion, with our comfort and our wallets in mind.

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STARTING THE ENGINE

eLUM

99) 100) 51) 52) 53) 54) 55)

Before starting the engine, adjust the seat, the interior rear view mirrors, the door mirrors and fasten the seat belt correctly.

Never press the accelerator pedal for starting the engine.

VERSIONS WITH MANUAL GEARBOX

Petrol versions

Proceed as follows:

❒ engage the handbrake and place the gear lever in neutral. **For 0.9 TwinAir Turbo 105 HP versions** engage the handbrake and place the gear lever in neutral or fully press the clutch pedal if a gear other than neutral is engaged;

❒ **for all versions (except 0.9 TwinAir Turbo 105 HP)** fully depress the clutch pedal, without pressing the accelerator;

❒ turn the ignition key to AVV and release it as soon as the engine starts.

Diesel versions

Proceed as follows:

❒ engage the handbrake, put the gear lever into neutral and turn the ignition key to MAR: the warning lights and on the instrument panel will turn on;

❒ wait for the warning lights and to turn off and then fully depress the clutch pedal without pressing the accelerator;

❒ turn the ignition key to AVV as soon as warning light switches off. Release the ignition key as soon as the engine starts.

IMPORTANT If the engine does not start at the first attempt, return the ignition key to STOP before repeating the procedure. If, with the ignition key at MAR, the warning lights and (only for petrol versions) stay on in the instrument panel, the ignition key must be brought back to STOP and then to MAR again. If the warning light stays on, retry with the other keys provided. Contact a Fiat Dealership if you still cannot start the engine.

VERSIONS WITH DUALOGIC GEARBOX

101)

Engine starting is allowed both with a gear engaged and with the gearbox in neutral (N).
However, the brake pedal must always be pressed first if neutral is not engaged. It is therefore advisable to place the gear lever in neutral (N) before starting the engine.

LPG AND NATURAL POWER VERSIONS

The engine always starts up on petrol independently of the mode previously selected.
There must therefore always be an adequate reserve of petrol in the tank to protect the petrol pump and to guarantee temporary switching from methane or LPG to petrol operation, if high performance is required.

STOPPING THE ENGINE

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

IMPORTANT After a demanding drive, before turning the engine off you should allow it to idle to allow the temperature in the engine compartment to decrease.

WARNING

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

100) *Remember that the brake servo and power steering are not operational until the engine has been started, therefore you need to apply much more force than usual to the brake pedal and steering wheel.*

101) *If the engine fails to start with a gear engaged, the potentially dangerous situation due to the fact that the gearbox is automatically placed in neutral will be signalled by an acoustic signal.*

WARNING

51) *Warning light flashing for 60 seconds after starting or during prolonged cranking of the engine indicates a fault with the glow plug heating system. You can use the vehicle as usual if the engine starts but you should contact a Fiat Dealership as soon as possible.*

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

53) *When the engine is off, do not leave the key turned to MAR to prevent unnecessary electrical consumption from draining the battery.*

54) *Never jump start the engine by pushing, towing or coasting downhill. These actions could cause the fuel to flow into the catalytic converter and damage it beyond repair.*

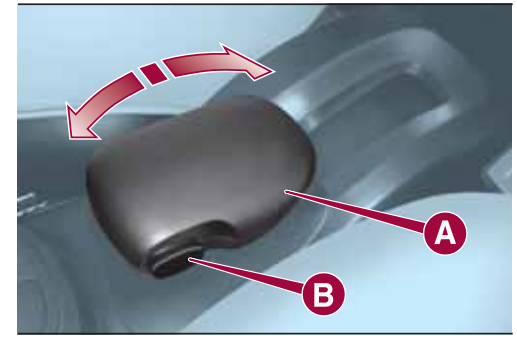
55) *Revving up before stopping the engine is useless, it causes unnecessary fuel consumption and can damage the engine, in particular engines equipped with turbocharger.*

HANDBRAKE

eLUM

102) 103)

The handbrake lever is located between the two front seats.



89 F0Y0047C

Handbrake engagement: pull lever A fig. 89 upwards until the vehicle is braked. Four or five clicks are generally enough when the car is on level ground, while ten or eleven may be required if the car is on a steep slope and laden. If this is not the case, contact a Fiat Dealership for adjustment.

Handbrake disengagement: slightly raise lever A and hold button B pressed checking that the (!) warning light switches off in the instrument panel.

WARNING

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

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

USING THE MANUAL GEARBOX

104) 56)

To engage the gears, press the clutch pedal fully and put the gear lever into the required position (the diagram for gear engagement is shown on the knob).

Reverse engagement

For 0.9 TwinAir Turbo 105 HP and 1.4 16V versions: to engage reverse R from neutral, lift the ring A fig. 90 under the knob and shift the lever to the right and back.

90 F0Y0136C

For 1.3 16v MultiJet version: to engage reverse R from neutral position, shift the lever to the right and then back.

For 1.6 16V MultiJet version: to engage reverse R from neutral, lift ring A under the knob and at the same time move the lever to the left and then forwards. To engage the 6th gear (for versions/ markets where provided), push firmly to the right when operating the lever in order to avoid engaging the 4th gear by mistake. The same applies to the shift from 6th to 5th gear.

IMPORTANT Reverse can only be engaged when the vehicle is completely stationary. With the engine running, wait for at least 2 seconds with the clutch pedal fully pressed before engaging reverse to prevent damage to the gears and grating.

IMPORTANT The clutch pedal should be used only for gear changes. Do not drive with your foot resting on the clutch pedal, however lightly. For versions/markets where provided, the electronic clutch pedal control could cut in, interpreting the incorrect driving style as a fault.

WARNING

104) *Depress the clutch pedal fully to change gear correctly. Therefore, the floor area underneath the pedal unit must not be obstructed in any way. Ensure that the floor mat is always laid flat and does not interfere with use of the pedals.*

WARNING

56) *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 of the gearbox internal components.*

USING THE DUALOGIC GEARBOX

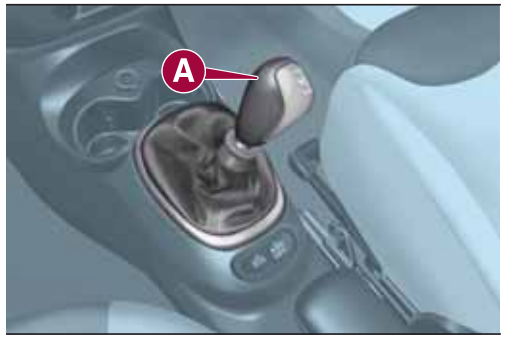
(for versions/markets, where provided)

eLUM

105) 57)

GEAR LEVER

The gear lever A fig. 91 is the multistable floating type, in other words it has three stable and three unstable positions.



91 F0Y0313C

The three stable positions correspond to neutral (N), reverse (R) and the central position located between the unstable positions (+) and (-).

The unstable positions, in other words those that are abandoned as soon as the lever is released, are the positions for requesting a higher gear (+), requesting a lower gear (–) and requesting automatic operating mode (A/M).

IMPORTANT With the engine started, any error between the lever position and the gear actually engaged is signalled by a buzzer until consistency is restored.

OPERATING MODE

The gearbox/transmission can function in two operating modes:

❒ MANUAL in which the driver decides when to change gear;

❒ AUTO in which the system decides when to change gear.

MANUAL MODE

Proceed as follows:

❒ press the brake pedal and start the engine;

❒ if AUTO is displayed, move the gear lever A fig. 91 to A/M to select MANUAL mode;

❒ push the gear lever towards (+) to engage first gear (if starting from N or R, simply place the lever in the middle position) or R to engage reverse;

❒ release the brake pedal and press the accelerator pedal;

❒ in driving conditions, push the gear lever towards (+) to engage the next gear up or towards (–) to engage the next gear down.

AUTOMATIC LOGIC (AUTO)

Proceed as follows:

❒ press the brake pedal and start the engine;

❒ if AUTO is not displayed, move the gear lever A fig. 91 to A/M to select AUTOMATIC mode;

❒ push the gear lever towards (+) to engage first gear (if starting from N or R, simply place the lever in the middle position), or R to engage reverse;

❒ release the brake pedal and press the accelerator pedal: the gear most suited to the vehicle speed will be engaged.

AUTO-ECO OPERATION

To activate the function press the ECO button fig. 92. The ECO function can be only activated only with automatic mode active.

92 F0Y0311C

With the ECO function active, the system will select the most suitable gear depending on the vehicle speed, engine rpm and intensity with which the accelerator pedal is pressed, with the aim of limiting fuel consumption.

"Kick Down" FUNCTION

(for versions/markets, where provided)

If necessary (e.g. when overtaking), the system downshifts one or more gears when the accelerator pedal is depressed beyond the point where it becomes stiff (and if the rpm allow it) in order to provide suitable power and torque for the acceleration requested by the driver.

IMPORTANT The use of the "Kick Down" function is recommended only when overtaking or accelerating quickly, in order not to increase fuel consumption.

STEERING WHEEL CONTROLS

(for versions/markets, where provided)

On some versions, the gearbox can be managed sequentially using the steering wheel controls fig. 93.

93 F0Y0312C

To use the controls on the steering wheel, the gear lever must be in the central position between (+) and (–).
To engage a higher gear: pull the stalk (+) toward the steering wheel.
To engage a lower gear: pull the stalk (-) toward the steering wheel.
The engagement of a lower (or higher) gear is only permitted if the engine rpm allow it.

WARNING

105) *If the engine fails to start with a gear engaged, the potentially dangerous situation due to the fact that the gearbox is automatically placed in neutral will be signalled by an acoustic signal.*

WARNING

57) *Avoid keeping your hand on this lever between gear change or AUTO/MANUAL mode requests.*

STOP/START SYSTEM

eLUM

106) 107) 58)

The Start&Stop system automatically stops the engine each time the car is stationary and starts it again when the driver wants to move off.
In this way, the efficiency of the car is increased, by reducing consumption, emissions of harmful gases and noise pollution.

OPERATING MODE

Engine stopping mode

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

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

Restarting the engine

Press the clutch pedal to restart the engine.

MANUAL SYSTEM ACTIVATION/ DEACTIVATION

To activate/deactivate the system manually, press the fig. 94 button.
LED off: system deactivated.
LED on: system deactivated.

94 F0Y0778C

WARNING

106) *If the battery needs to be replaced, always contact a Fiat Dealership. The replacement battery should be of the same type (HEAVY DUTY) and should have the same characteristics.*

107) *Before opening the bonnet, make sure that the engine is off and that the ignition key is in the STOP position. Always refer to the plate inside the bonnet. We recommend that you remove the key from the ignition if other people remain in the vehicle. Exit from the car only after having removed the ignition key or having rotated it to the STOP position. During refuelling, make sure that the engine is off and that the ignition key is in the STOP position.*

WARNING

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

CRUISE CONTROL (constant speed regulator)

(for versions/markets, where provided)

108) 109)

DESCRIPTION

This is an electronically controlled driving assistance device that allows the desired car speed to be maintained, without having to press the accelerator pedal.
This device can be used at a speed above 30 km/h on long stretches of dry, straight roads with few variations (e.g. motorways).
The use of this device on extra-urban roads with traffic is not therefore recommended. Do not use the device in town.

ACTIVATING THE DEVICE

Turn ring nut A fig. 95 to . The device cannot be engaged in 1st or reverse gear: it is advisable to engage it in 4th gear or higher.

95 F0Y0050C

MEMORISING / RESTORING THE MEMORISED SPEED

Speed memorising: turn ring nut A to and press the accelerator pedal so that the vehicle reaches the desired speed. Move the stalk upwards (+) for at least one second, then release it: the speed is memorised and you can release the accelerator pedal.
If needed (when overtaking for instance), you can accelerate simply by depressing the accelerator pedal: when you release the pedal, the car goes back to the speed stored previously.
Travelling downhill with the device engaged, the vehicle speed may increase more than the memorised one.

Restoring the memorised speed: accelerate gradually until reaching a speed approaching the memorised speed, engage the gear selected at the time of speed memorising and press the CANC RES button (B fig. 95).

INCREASING/ DECREASING MEMORISED SPEED

Speed increase: press the accelerator and memorise the new speed or move the stalk upwards (+), until reaching the new speed, which will be memorised automatically.
Speed decrease: deactivate the device and memorise the new speed or move the stalk downwards (-), until reaching the new speed, which will be memorised automatically.
Each movement of the stalk corresponds to an increase/decrease in speed of about 1 km/h, while keeping the stalk held upwards will continuously increase the speed.

DEACTIVATING THE DEVICE

The device can be switched off in the following ways:

❒ turning ring nut A to **O**;

❒ by switching off the engine;

❒ by pressing the brake pedal, the clutch or the accelerator; in this last case the device is not effectively deactivated, rather it gives priority to the acceleration request. The device still remains active, without the need to press the CANC RES button to return to the previous conditions once acceleration is concluded.

Automatic deactivation of the device: the device deactivates automatically if the ABS (or ESC) systems are activated, if the vehicle speed is below the set limit or in the case of device failure.

WARNING

108) *While travelling with the device engaged, do not put the gear lever into neutral.*

109) *In the case of malfunctioning or if the device fails, turn ring nut to* **O** and contact a Fiat Dealership.

SPEED LIMITER

(for versions/markets, where provided)

eLUM

DESCRIPTION

This steering aid device allows the speed of the vehicle to be limited to values which can be set by the driver. The maximum speed can be set both with vehicle stationary and in motion. The minimum speed that can be set is 30 km/h.
When the device is active, the vehicle speed depends on the pressure at the accelerator pedal, until the set speed limit is reached. If necessary (in the event of overtaking for example), the set speed limit can be exceeded by fully depressing the accelerator pedal. By gradually reducing the pressure on the accelerator pedal, the device will be reactivated as soon as the car speed drops below the set speed.

ACTIVATING THE DEVICE

Turn ring nut A fig. 96 to .

SPEED LIMIT PROGRAMMING

The speed limit can be programmed without necessarily activating the device.

96 F0Y0050C

To store a speed value higher/lower than that displayed, move stalk A upwards (+) to store a higher speed value, or move stalk A downwards (-) to store a lower speed value.
Each movement of the stalk corresponds to an increase/decrease in speed of about 1 km/h, while keeping the stalk held upwards/downwards will increase/decrease the speed with an increment of 5 km/h.

DEVICE ACTIVATION/ DEACTIVATION

To activate/deactivate the device, press the CANC/RES button (B fig. 96).
Activation of the device: it is indicated by the warning light on the instrument panel switching on.
Deactivation of the device: it is signalled by the displaying of symbol OFF.

DEACTIVATING THE DEVICE

Turn ring nut A to position **O**. The deactivation of the device is indicated by the warning light switching off on the instrument panel and, on some versions, by a message and OFF symbol on the display.
Device automatic deactivation: the device deactivates automatically in the event of fault in the system.

PARKING SENSORS

eLUM

110) 59)

SENSORS

The sensors are located in the rear bumper fig. 97 and their function is to detect the presence of any obstacles near the rear part of the vehicle and inform the driver, through an intermittent acoustic signal.

97 F0Y0140C

ACTIVATION/ DEACTIVATION

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

OPERATION WITH A TRAILER

Sensor operation is deactivated automatically when the trailer's electric cable plug is fitted into the car's tow hook socket.

The sensors are automatically reactivated when the trailer's cable plug is removed.

IMPORTANT INFORMATION

When parking, take the utmost care over obstacles that may be above or below the sensors.
Under certain circumstances, objects close to the vehicle are not detected by the system and could therefore cause damage to the car or be damaged themselves.
Some conditions may influence the performance of the parking sensors:

❒ the presence of ice, snow, mud or think paint on the sensor surface may cause reduced sensitivity of the sensor itself and therefore reduce the system performance.

❒ mechanical interference (e.g. washing the car, rain, strong wind, hail) may cause the sensor to detect a non-existent obstacle ("echo interference");

❒ the presence of ultrasonic systems (e.g. pneumatic brake systems of trucks or pneumatic drills) near the car could alter the signals sent by the sensor;

❒ the variation in sensor position, caused by variation in ride (due to suspension component wear), changing tyres, overloaded car, or tuning that lowers the car, for example, may affect parking sensor system performance.

WARNING

110) *Parking and other dangerous manoeuvres are, however, always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The parking sensors are an aid for the driver, but the driver must never allow their attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.*

WARNING

59) *The sensors must be free from mud, dirt, snow or ice in order for the system to operate correctly. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away. Also, do not apply stickers to the sensors.*

REAR VIEW CAMERA

eLUM

111) 60)

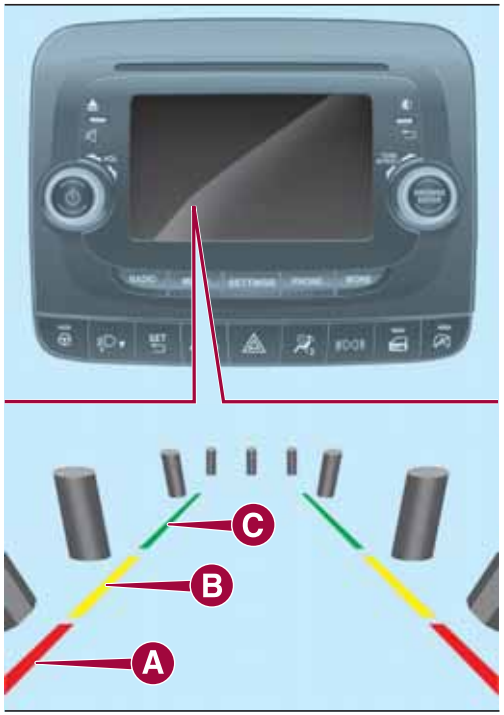
DESCRIPTION

The camera is located on the tailgate fig. 98.

98 F0Y0336C

Camera activation/deactivation

Use the "Settings" menu of the **Uconnect™** system. When the camera is activated, whenever reverse is engaged, the display of the **Uconnect™** system shows the image of the vehicle's rear area.



99 F0Y0337C

SYMBOLS AND MESSAGES ON THE DISPLAY

When displayed, the static line grid illustrates the width of the vehicle.
The grid shows separate areas, permitting the distance from the rear of the vehicle to be detected.
The various coloured areas fig. 99 indicate the distance from the rear of the vehicle.
Red area (A): 0÷30 cm
Yellow area (B): 30 cm ÷ 1 m
Green area (C): 1 m or higher

IMPORTANT When parking, take the utmost care over obstacles that may be above or under the camera range.

WARNING

111) *Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The camera is an aid for the driver, but the driver must never allow his/her attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds. Always maintain a moderate speed, so as to be able to brake promptly in the case of obstacles.*

WARNING

60) *It is extremely important, for correct operation, that the camera is always kept clean and free from mud, dirt, snow or ice. Be careful not to scratch or damage the camera while cleaning it. Avoid using dry, rough or hard cloths. The camera must be washed using clean water, with the addition of car shampoo if necessary. In washing stations which use steam or high-pressure jets, clean the camera quickly, keeping the nozzle more than 10 cm away. Do not apply stickers to the camera.*

TOWING TRAILERS

eLUM

112) 113) 114)

INSTALLING A 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.

The towing device must meet current regulations with reference to Directive 94/20/EC and subsequent amendments.
For any version the towing device used must be right for the towable weight of the vehicle on which it is to be installed.
For the electrical connection a standard 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 must be installed on the vehicle.
Seven or thirteen pin 12 V DC connections should be used (CUNA/UNI and ISO/DIN Standards). Follow any instructions provided by the vehicle manufacturer and/or the towing device manufacturer.

IMPORTANT

For towing caravans or trailers the car must be fitted with a type-approved tow hook and an adequate electrical system. Installation must be carried out by a specialist.
Install any specific and/or additional rear view mirrors as specified by the Highway Code.
Remember that when towing a trailer, steep hills are harder to climb, braking distances increase and overtaking takes longer depending on the overall weight of the trail.
Engage a low gear when driving downhill, rather than constantly using the brake.
The weight of the trailer on the car's tow hook will reduce the load capacity of the car by the same amount. To make sure that the maximum towable weight is not exceeded (given in the car registration document) account should be taken of the fully laden trailer, including accessories and luggage.
Respect the speed limits specific to each country for vehicles towing trailers. In any case, the top speed must not exceed 100 km/h.
Any electric brake or other device (winch etc.) should be powered directly by the battery through a cable with a cross-section of no less than 2.5 mm^2.

In addition to the electrical branches, the car's electrical system can be connected only to the supply cable for an electric brake and to the cable for an internal trailer light, though not more than 15 W. To connect, use the preset control unit with a battery cable with cross-section no less than 2.5 mm^2.

IMPORTANT The use of auxiliary loads other than external lights (electric brake, winch, etc.) must occur with engine running.

IMPORTANT To install a tow hook contact a Fiat Dealership.

WARNING

112) *The ABS with which the vehicle is equipped will not control the braking system of the trailer. Take particular care when travelling on slippery roads.*

113) *Never modify the braking system of the vehicle to control the trailer brake. The trailer braking system must be fully independent of the vehicle's hydraulic system.*

114) *After fitting, fixing screw holes must be sealed to prevent an exhaust gas inlet.*

REFUELLING THE VEHICLE

eLUM

115) 116) 117) 61)

During refuelling, switch the engine off, engage the handbrake, turn the ignition key to STOP and do not smoke.

PETROL ENGINES

Use unleaded petrol only, with octane number (RON) no lower than 95.

DIESEL ENGINES

Only use Diesel for motor vehicles (EN 590 specification).
When using or parking the car for a long time in the mountains or cold areas, it is advisable to refuel using locally available diesel. In this case, it is also advisable to keep the tank over 50% full.

REFUELLING PROCEDURE

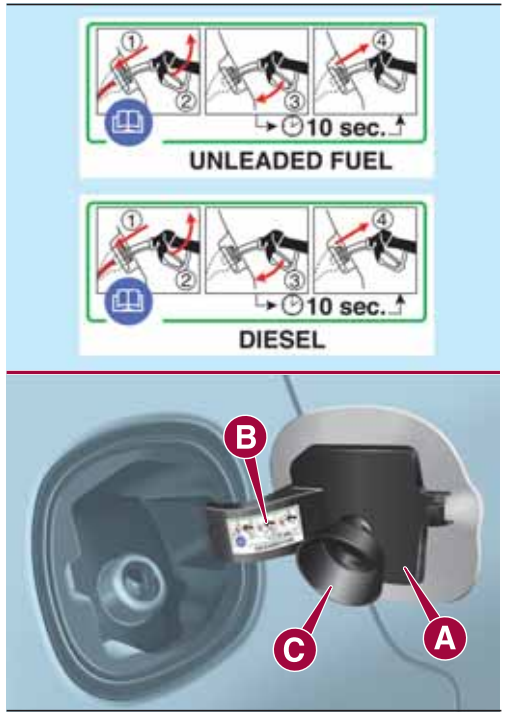
Diesel and petrol versions

Proceed as follows:

❒ open the flap A fig. 100 pulling it outwards, fit the dispenser in the filler and start refuelling;

❒ at the end of refuelling, before removing the dispenser, wait for at least 10 seconds in order for the fuel to flow inside the tank;

❒ then remove the dispenser from the filler and close flap A.



100 F0Y0229C

The refuelling procedure described above is illustrated on label B fig. 100 which is applied inside the fuel flap. The label also indicates the fuel type (UNLEADED FUEL: petrol, DIESEL: diesel fuel).
Flap A is provided with a dust cover gaiter C fig. 100 which prevents deposits of impurities and dust at the end of the filler when the flap is closed.

Emergency refuelling

Proceed as follows:

❒ open the luggage compartment and take the adapter, located in the tool box or in the Fix&Go Automatic container (according to the versions);

❒ open the flap A pulling it outwards, fit the dispenser in the filler as shown in fig. 101 and start refuelling;

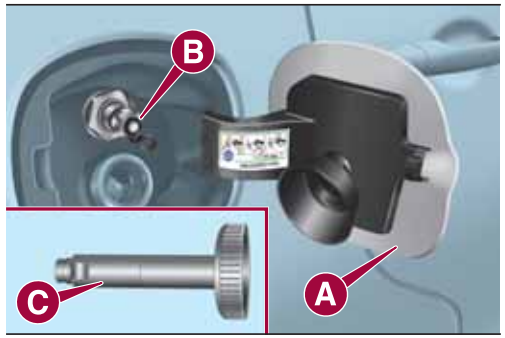
101 F0Y0231C

❒ after refuelling, remove the adapter and close the flap;

❒ reintroduce the adapter in the box and put this back in the luggage compartment.

LPG versions

For refuelling, open the fuel flap A fig. 102 and undo plug B. During refuelling, hand over the suitable filling adaptor C fig. 102 to the LPG refuelling operators.



102 F0Y0327C

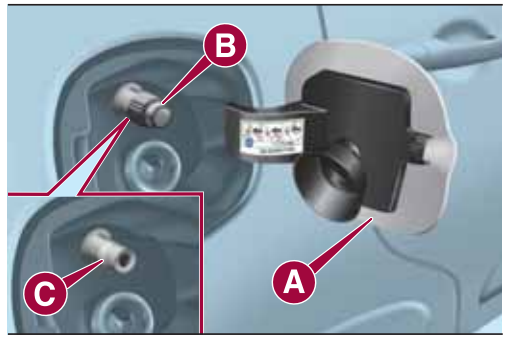
IMPORTANT Depending on the country, there are various types of adapters for LPG refuelling pumps. Filler adapter, supplied with the vehicle and located in a special case, is specifically designed for the country in which the vehicle is sold. If you are in a different country, find out what type of adaptor is used there.

Natural Power versions

62)

For refuelling, open the flap A fig. 103, undo cap B turning it counterclockwise and reach the filler C.

The profile of the filler for refilling is the universal type compatible with Italian and NGV1 standards. In some European countries adapters are considered ILLEGAL (e.g. in Germany).



103 F0Y0254C

WARNING

115) *Do not apply any object/plug to the end of the filler which is not provided for the vehicle. Using non-approved objects/plugs may cause pressure increase in the tank, leading to dangerous conditions.*

116) *Do not get close to the filler of the tank with naked flames or lit cigarettes: risk of fire. Do not get too close to the filler with your face, in order not to inhale harmful vapours.*

117) *Do not use a mobile phone near the fuel pump: risk of fire.*

WARNING

61) *The vehicle must only be filled with diesel fuel for motor vehicles, in compliance with European Standard EN 590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. If you accidentally refuel with another type of fuel, do not start the engine, and drain the tank. If the engine has run, even for a very short time, you will need to have the entire fuel supply system emptied in addition to the tank.*

62) *The plates (provided with the vehicle documents) show the date when the first cylinder inspection/test is due. Methane refuelling station operators are not authorised to refill the cylinders when the inspection date has expired.*

IN AN EMERGENCY

A punctured tyre or a burnt-out bulb?

At times, a problem may interfere with our journey.

The pages on emergencies can help you to deal with critical situations independently and with calm.

In an emergency we recommend that you call the freephone number found in the Warranty Booklet.

It is also possible to call the national or international universal freephone number to search for the nearest Dealership.

HAZARD WARNING LIGHTS.....109
CHANGING A WHEEL 109
"FIX&GO AUTOMATIC" KIT 113
REPLACING A BULB 115
REPLACING FUSES.....122
JUMP STARTING.....128
FUEL CUT-OFF SYSTEM 129
TOWING THE VEHICLE 130

HAZARD WARNING LIGHTS

CONTROL

Press button fig. 104 to switch the lights on/off. When the hazard warning lights are on, the ⇦ and ⇨ warning lights flash.

104 F0Y0037C

Emergency braking

In the event of emergency braking the hazard warning lights switch on automatically as well as warning lights ⇦ and ⇨ in the instrument panel. The lights switch off automatically when emergency braking ceases.

CHANGING A WHEEL

eLUM

118) 119) 120) 121) 122) 63)

JACK

Please note that:

❒ the jack weight is 1,76 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.

WHEEL REPLACEMENT PROCEDURE

Proceed as follows:

❒ stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground should be flat if possible, and sufficiently firm;

❒ switch off the engine, pull up the handbrake and engage the 1st gear or reverse. Wear the reflective safety jacket (compulsory by law) before getting out of the vehicle;

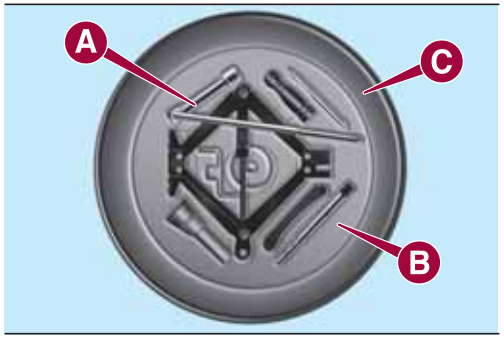
❒ *500L versions*: open the tailgate and lift the carpet;

❒ *500L LIVING versions*: open the tailgate, lift the load platform of the "Cargo Magic Space" holding it with one hand and then take the toolbox.

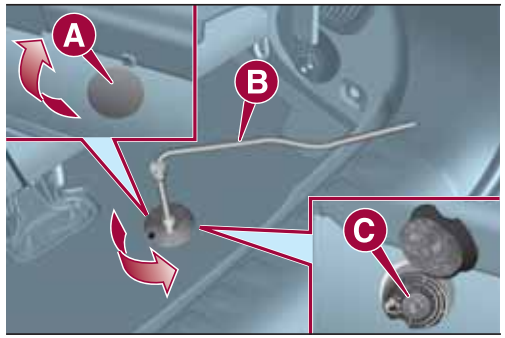
❒ *500L versions*: using the wrench A fig. 105 located in the tool box, loosen the locking device, take the tool box B and place it close to the wheel to be replaced. Then take the space-saver wheel C;

❒ *500L LIVING versions*: lift the flap A fig. 106 located on the luggage compartment mat, take spanner B from the tool bag and fit it on device C. Rotate spanner B anticlockwise in order to undo the space-saver wheel support locking bolt, allowing the latter to be lowered, and use the spanner to take the wheel out of the vehicle;

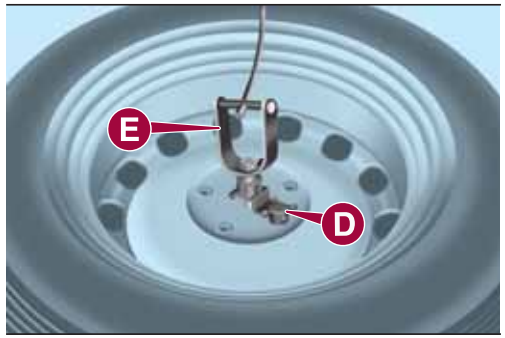
❒ *500L LIVING versions*: rotate the device D fig. 107 and release the space-saver wheel from the mounting E;



105 F0Y0096C



106 F0Y0355C

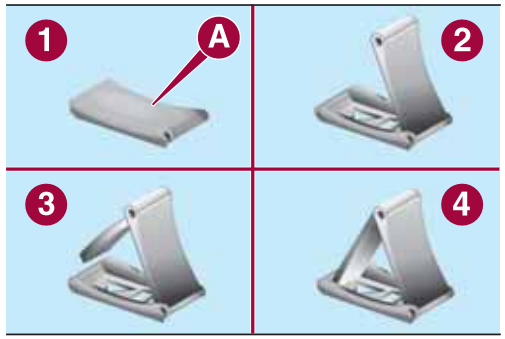


107 F0Y0357C

❒ take the spanner A fig. 108 and loosen the fixing stud bolts by about one turn. For versions with alloy rims, shake the car to facilitate detachment of the rim from the wheel hub;

❒ take the locking wedge from the toolbox and open it in "book" position (see fig. 109);

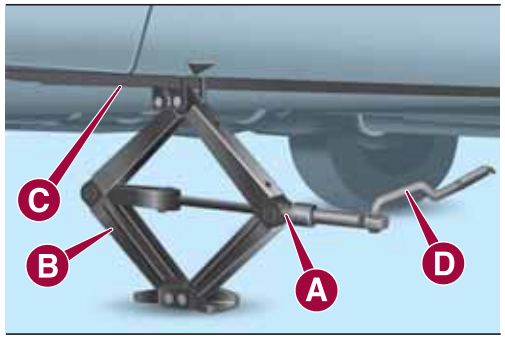
108 F0Y0093C



109 F0Y0211C

❒ place the wedge behind the wheel diagonally opposite the one to be replaced to prevent the vehicle from accidentally moving when it is raised; then position the jack under the vehicle, near the wheel to be changed;

❒ insert the spanner A fig. 110 to extend the jack until the top of the jack B fits correctly into the side member C (next to the mark ▽ on the side member itself);



110 F0Y0014C

❒ alert any bystander that the vehicle is about to be raised; all persons should be kept away from the vehicle and nobody must touch it until it has been lowered;

❒ fit handle D fig. 110 into the housing in device A, operate the jack and raise the vehicle until the wheel is a few centimetres from the ground;

❒ remove the wheel cap after unscrewing the four fixing stud bolts and finally undo the fifth stud bolt and extract the wheel (only for versions with wheel caps fixed by stud bolts);

❒ make sure the contact surfaces between space-saver wheel and hub are clean and free from impurities so that the fixing stud bolts will not come loose;

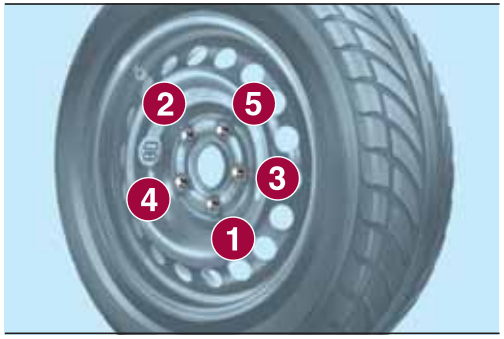
❒ fit the space-saver wheel by inserting the first stud bolt for two threads into the hole closest to the valve; then, tighten the stud bolt by some threads and proceed in the same way for the others;

❒ take the spanner A fig. 105 and fully tighten the fixing stud bolts;

❒ operate the jack handle D to lower the car. Then extract the jack;

❒ use the spanner A to fully tighten the stud bolts in a criss-cross fashion as per the numerical sequence illustrated in fig. 111;

❒ when replacing an alloy wheel rim it is advisable to place it upside down, with the aesthetic part facing upwards.



111 F0Y0013C

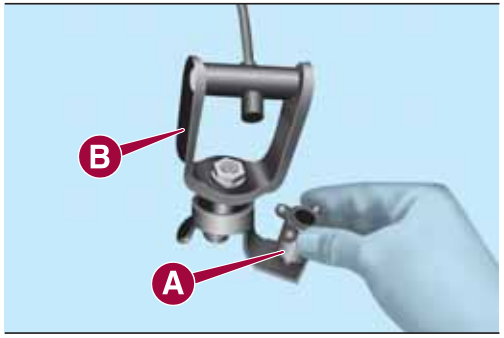
500L LIVING versions

123)
When the operation is over, proceed as follows:

❒ retighten device A fig. 112 on fixing mounting B;

❒ insert spanner C fig. 113 on device D and rotate it clockwise in order to tighten the space-saver wheel support locking bolt. The device is correctly attached when the yellow strip appears in window E;

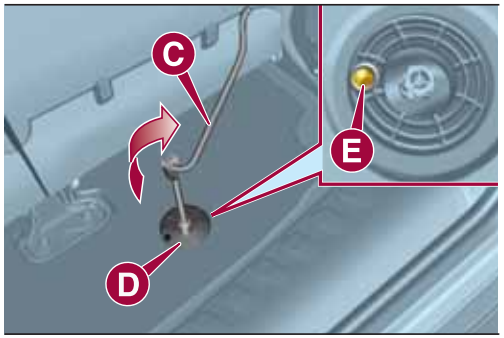
❒ fit the punctured tyre in the dedicated bag and place it in the luggage compartment.



112 F0Y0360C

Punctured tyre positioning (500L LIVING versions)

5-seater versions: place the punctured tyre in the luggage compartment.



113 F0Y0361C

7-seater versions

❒ *With third row of rear seats folded*: place the punctured tyre in the luggage compartment, above the backrests.

❒ *With third row of rear seats not folded*: remove the luggage-covering curtain (which must be positioned in front of second row of seats) then place the punctured tyre in the luggage compartment, positioning it as shown in fig. 114 (wheel hub facing the inside of the passenger compartment in order to prevent the wheel from falling when closing the tailgate).

REFITTING THE STANDARD WHEEL

Versions with steel rims

❒ make sure the contact surfaces between standard wheel and hub are clean and free from impurities so that the fixing stud bolts will not come loose;

114 F0Y0368C

❒ fit the standard wheel inserting the 5 stud bolts into the holes;

❒ press-fit the wheel cap, aligning the special splining (on the cap) with the inflation valve;

❒ using the spanner provided, tighten the fixing stud bolts;

❒ lower the vehicle and remove the jack;

❒ using the spanner provided, fully tighten the stud bolts in the sequence shown previously.

Versions with alloy wheels

❒ insert the wheel on the hub and using the spanner provided tighten the stud bolts;

❒ lower the vehicle and remove the jack;

❒ using the spanner provided, fully tighten the 5 stud bolts in the sequence shown;

❒ reinstall the hub cap, taking care to position the three plastic pins in the dedicated seats on the wheel. Slightly press the cap to prevent any damage to the plastic pins.

IMPORTANT If it is not fitted properly, the hub cap may detach itself when the car is running.

After tyre replacement

❒ stow the space-saver wheel in the compartment provided in the boot;

❒ insert the jack and the other tools in the container;

❒ arrange the container and tools on the space-saver wheel;

❒ correctly reposition the boot stiff cover.

WARNING

118) *The space-saver wheel (for versions/markets, where provided) is specific to your vehicle, do not use it on other models, or use the space-saver wheel of other models on your vehicle. The space-saver wheel must only be used in the event of an emergency. It must only be used for the distance necessary to reach a service point and the vehicle speed must not exceed 80 km/h. The space-saver wheel has an orange label that summarises the main cautions for use and limitations. Never remove or cover the label. The following information is provided in four languages on the label: "Important! For temporary use only! 80 km/h max! Replace with a standard wheel as soon as possible. Never cover this indication". Never apply any hub cap to the space-saver wheel.*

119) *Use your hazard lights, warning triangle, etc to show that your vehicle is stationary. Passengers should get out of the vehicle, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. In the event of a wheel change on a slope or on unsurfaced roads, chock the wheels (see the following pages).*

120) *Vehicle handling is modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering. The overall duration of the space-saver wheel is about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a standard tyre on a rim that is designed for use with a space-saver wheel. Have the wheel repaired and refitted as soon as possible. Using two or more space-saver wheels at the same time is forbidden. Do not grease the threads of the stud bolts before fitting them: they might slip out when driving.*

121) *The jack shall only be used for raising the car model it has been supplied with. Never use the jack for other purposes, such as raising other car models. Never use the jack for repair operations under the vehicle. Incorrect positioning of the jack may cause the vehicle to fall. Do not use the jack for loads higher than the one shown on its label. The space-saver wheel cannot be fitted with snow chains. If a front (drive) tyre is punctured and chains are needed, use a standard wheel from the rear axle and install the space-saver wheel on the rear axle. This way, with two standard front driving wheels, you can install the snow chains on them.*

122) *Incorrect hub cap assembly may cause it to come off when the vehicle is moving. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and space-saver wheel pressures regularly, complying with the values given in the "Technical specifications" chapter.*

123) *At the end of the operation of raising/locking the spare wheel, the ignition key must be extracted, taking care not to turn it in the wrong direction to facilitate the extraction of the key itself, to prevent the attachment device from being released and the wheel assembly not being securely retained.*

WARNING

63) *Contact a Fiat Dealership as soon as possible to have the correct tightening of the wheel stud bolts checked.*

"Fix&Go Automatic" kit

eLUM

124) 125) 126) 127) 128) 129) 130) 131)

64) 3)

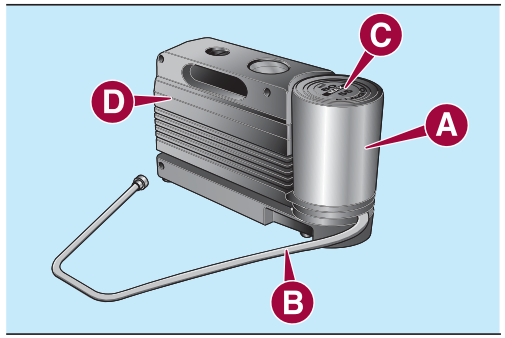
DESCRIPTION

The "Fix&Go Automatic" kit is located in the luggage compartment, inside a dedicated container. Inside the container there are also a screwdriver, the tow ring and the funnel for refuelling, in the event of an emergency. To access the kit, open the tailgate, remove the load platform and lift the carpet.

LPG versions: a tool box secured to the luggage compartment carpet with dedicated fastenings contains the kit. The kit includes:

❒ a bottle A fig. 115 containing sealing fluid and fitted with: filling tube B and adhesive label C with the wording “max. 80 km/h” to be placed in a clearly visible position (e.g. on the dashboard) after repairing the tyre;

❒ a compressor D including a pressure gauge and connections, found in the compartment;



115 F0Y0012C

❒ instruction booklet to be used for prompt and correct use of the kit and then to be handed to the personnel charged with handling the treated tyre;

❒ a pair of protective gloves located in the side compartment of the compressor;

❒ adapters for inflating different elements.

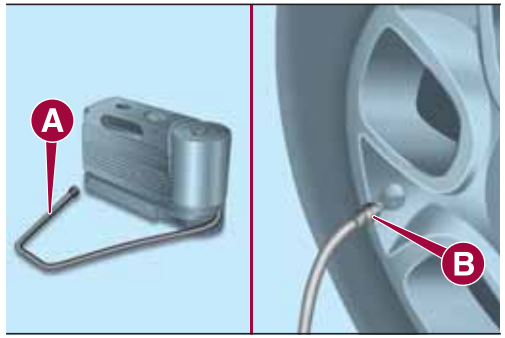
IMPORTANT The sealing fluid is effective with external temperatures of between –20°C and +50°C. The sealing fluid has an expiry date.

INFLATION PROCEDURE

Proceed as follows:

❒ **Pull the handbrake.** Unscrew the tyre valve cap, take out the filler hose A fig. 116 and tighten the ring nut B on the tyre valve;

❒ make sure that the compressor switch A is in position **0** (off), start the engine, insert the plug into the power socket in the central tunnel or the luggage compartment (for versions/markets where provided) and operate the compressor, turning switch A to position **I** (on).



116 F0Y0010C

❒ inflate the tyre to the pressure specified in the "Inflation pressure" paragraph in the "Technical specifications" section. Check tyre pressure on gauge B with compressor off to obtain a more precise reading;

❒ if after five minutes it is still impossible to reach at least 1.8 bar, disengage the compressor from the valve and power socket, then move the car forwards by approx. ten metres in order to distribute the sealing fluid inside the tyre evenly, then repeat the inflation operation;

❒ if after this operation you still cannot reach at least 1.8 bar after 5 minutes from switching on the compressor, do not resume driving but contact a Fiat Dealership;

❒ after driving for about 10 minutes stop and check the tyre pressure again; **engage the handbrake** and park safely;

❒ if a pressure value of at least 1.8 bar is detected, restore the correct pressure (with the engine running and the handbrake engaged), resume driving and drive with great care to the nearest Fiat Dealership.

WARNING

124) *Punctures on the sides of the tyre may not be repaired. Do not use the Fix&Go automatic kit if the tyre is damaged due to travelling when flat.*

125) *Wear the protective gloves provided with the Fix&Go automatic kit.*

126) *Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the Fix&Go automatic kit. Drive carefully, particularly on bends. Do not exceed 80 km/h. Do not accelerate or brake suddenly.*

127) *If the pressure has fallen below 1.8 bar, do not drive any further: the Fix&Go Automatic kit cannot guarantee proper hold because the tyre is too damaged. Contact a Fiat Dealership.*

128) *You must always indicate that the tyre was repaired using the Fix&Go Automatic kit. Give the leaflet to the technicians who will be handling the tyre that was treated using the Fix&Go Automatic kit.*

129) *Repair is not possible if the wheel rim is damaged (tread is deformed, causing air to escape). Do not remove foreign bodies (screws or nails) from the tyre.*

130) *Do not operate the compressor for longer than 20 minutes consecutively. Risk of overheating. The Fix&Go Automatic kit is not suitable for definitive repairs, so the repaired tyres may only be used temporarily.*

131) *The bottle contains ethylene glycol and latex: it may cause an allergic reaction. It is harmful if swallowed. It is irritant for the eyes. It may cause sensitisation if inhaled or on contact. Avoid contact with eyes, skin and clothes. In the case of contact, wash immediately with plenty of water. In the event that it is swallowed, do not induce vomiting. Rinse out your mouth, drink large quantities of water and seek immediate medical attention. Keep out of the reach of children. The product must not be used by asthmatics. Do not inhale the vapours during insertion and suction. Call a doctor immediately if allergic reactions are noted. Store the bottle in its proper compartment, away from sources of heat. The sealant has an expiry date. Replace the bottle containing out-of-date sealant.*

WARNING

64) *In the event of a puncture caused by foreign bodies, the kit may be used to repair tyres showing damage on the tread or shoulder up to max. 4 mm diameter.*

WARNING

3) *Dispose of the bottle and the sealant properly. Dispose of the components in compliance with national and local regulations.*

REPLACING A BULB

eLUM

132) 133) 65) 66)

GENERAL INSTRUCTIONS

❒ Before changing a bulb check the contacts for oxidation;

❒ burnt bulbs must be replaced by others of the same type and power;

❒ after replacing a headlight bulb, always check the correct alignment of the light beam;

❒ 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;

IMPORTANT When the weather is cold or damp or after heavy rain or washing, the surface of headlights or rear lights, may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate a fault and does not compromise the normal operation of lighting devices. The mist disappears quickly when the lights are turned on, starting from the centre of the diffuser, extending progressively towards the edges.

TYPES OF BULBS

Use	Type	Power
Dipped/main beam headlights	H7	55 W
Front side lights/Day lights (DRL)	W21/5W	21W/5W
Rear side lights/Brake lights	P21/5W	21W/5W
Front direction indicators	WY21W	21 W
Side direction indicators	WY5W	5 W
Rear direction indicators	P21W	21 W
3rd Brake	LED	–
Fog lights	H11	55 W
Reverse	W16W	16 W
Rear fog light	W16W	16 W
Number plate	C5W	5 W
Front roof light	C5W	5 W
Front roof lights (sun visors)	C5W	5 W
Luggage compartment light	W5W	5 W
Glove compartment light	C5W	5 W
Rear roof lights	C5W	5 W

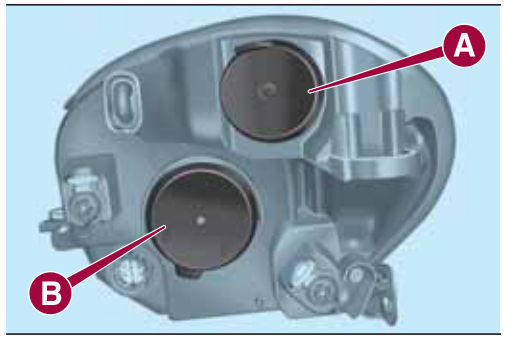
FRONT UPPER LIGHT CLUSTER

This contains the bulbs for direction indicators and dipped beam headlights.

The bulbs are arranged as follows fig. 117:

A Direction indicators

B Dipped beam headlights



117 F0Y0021C

DIRECTION INDICATORS

To replace the bulb, proceed as follows:

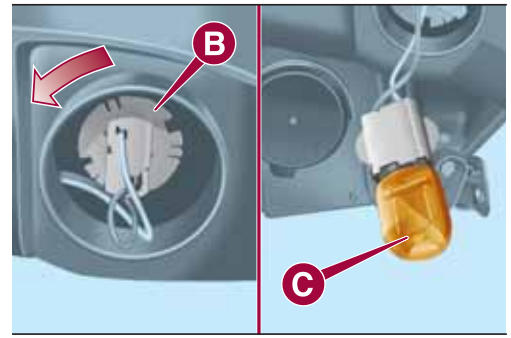
❒ remove cover A fig. 117;

❒ turn bulb holder B fig. 118 anticlockwise, extract bulb C and replace it;

❒ refit the new bulb on the bulb holder, making sure it is correctly locked;

❒ refit the bulb holder in its housing and turn it clockwise, until the locking click is heard;

❒ then refit the cover A fig. 117.



118 F0Y0022C

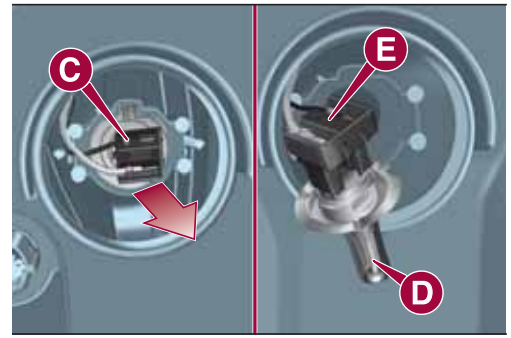
DIPPED BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

❒ remove cover B fig. 117;

❒ remove the connector and bulb holder C fig. 119 unit, releasing it outwards;

❒ remove bulb D from connector E and replace it;



119 F0Y0023C

❒ refit the new bulb on the connector, making sure it is correctly locked;

❒ refit the connector and bulb holder C unit in its housing;

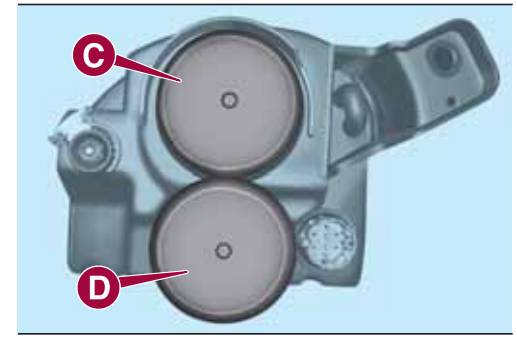
❒ then refit the cover B fig. 117.

FRONT LOWER LIGHT CLUSTER

This contains the bulbs for the main beams and side lights/daytime running lights (DRL).
The bulbs are arranged as follows fig. 120:

C Main beam headlights

D Side lights/daytime running lights (DRL)



120 F0Y0024C

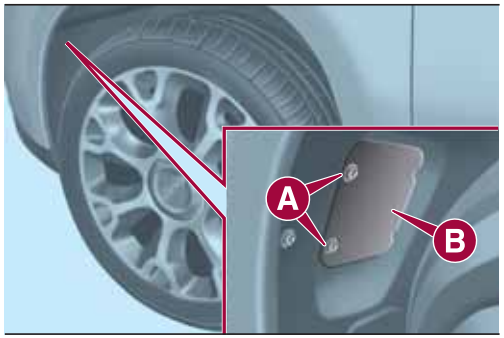
MAIN BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

❒ steer the wheel completely inwards;

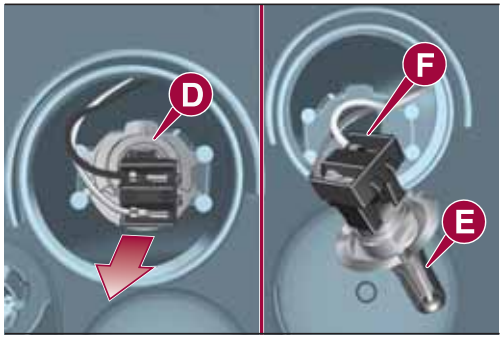
❒ undo the screws A fig. 121 and remove the flap B;

❒ remove cover C fig. 122;



121 F0Y0145C

❒ remove the connector and bulb holder D unit, releasing it outwards;



122 F0Y0025C

❒ remove the bulb E from connector F and replace it;

❒ refit the new bulb on the connector, making sure it is correctly locked;

❒ refit the connector and bulb holder D unit in its housing;

❒ finally refit cover C fig. 120.

SIDE LIGHTS/DAYTIME RUNNING LIGHTS (DRL)

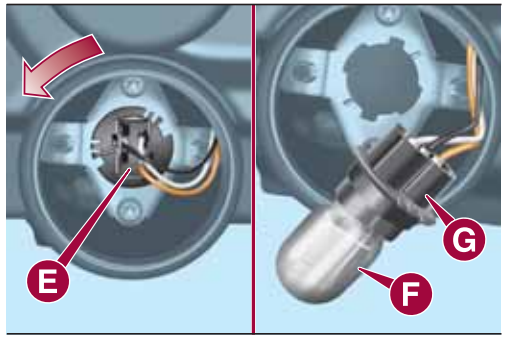
To replace the bulb, proceed as follows:

❒ steer the wheel completely inwards;

❒ undo the screws A fig. 121 and remove the flap B;

❒ remove cover D fig. 120;

❒ turn bulb holder E fig. 123 anticlockwise, extract bulb F from connector G and replace it;



123 F0Y0026C

❒ refit the new bulb on the connector, making sure it is correctly locked;

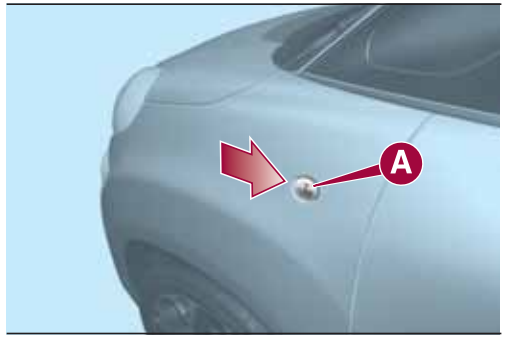
❒ refit the bulb holder unit E in its housing and turn it clockwise, until the locking click is heard;

❒ finally refit cover D fig. 120.

SIDE DIRECTION INDICATORS

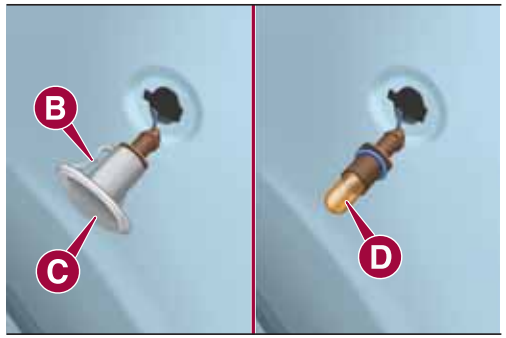
To replace the bulb, proceed as follows:

❒ adjust the lens A fig. 124 to compress in the internal catch B fig. 125, then pull the cluster outwards;



124 F0Y0147C

❒ turn the bulb holder C anticlockwise, extract bulb D and replace it;



125 F0Y0171C

❒ refit the bulb holder C in the lens A fig. 124 and turn it clockwise;

❒ refit the cluster making sure that the internal catch B fig. 125 clips into position.

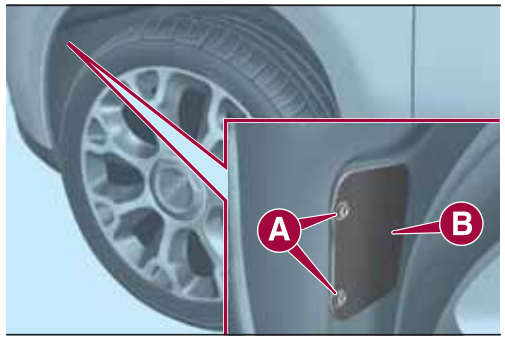
FOG LIGHTS

(for versions/markets, where provided)

To replace the bulb, proceed as follows:

❒ steer the wheel completely inwards;

❒ undo the screws A fig. 126 and remove the flap B;



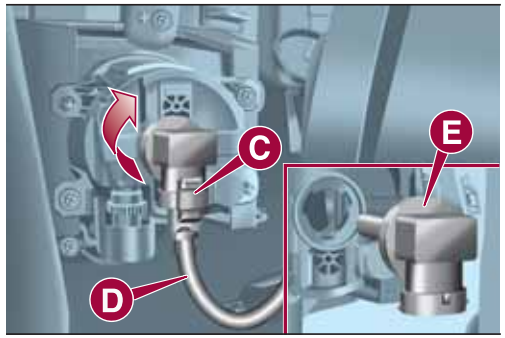
126 F0Y0148C

❒ adjust the clip C fig. 127 and disconnect the electrical connector D;

❒ turn and remove the bulb holder E;

❒ release the bulb and replace it;

❒ refit the new lamp and carry out the procedure described previously in reverse.



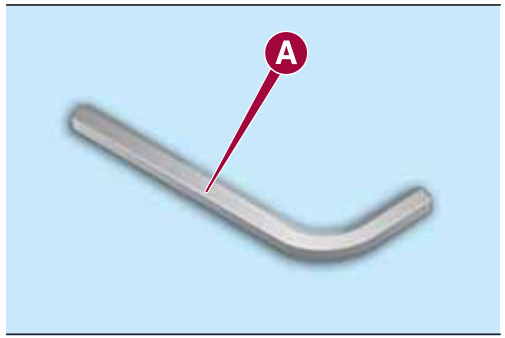
127 F0Y0033C

REAR LIGHT CLUSTERS

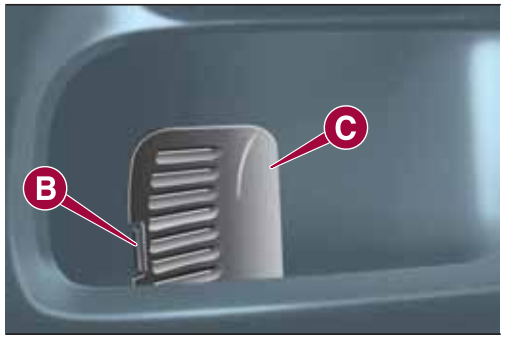
These contain the bulbs for the side lights, brake lights and direction indicators.
To replace the bulbs proceed as follows:

❒ take the Allen key A fig. 128 provided;

❒ operate tab B fig. 129 and remove protective cover C (located in the side area of the luggage compartment);



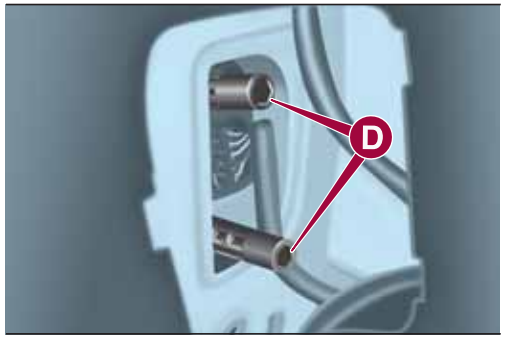
128 F0Y0149C



129 F0Y0150C

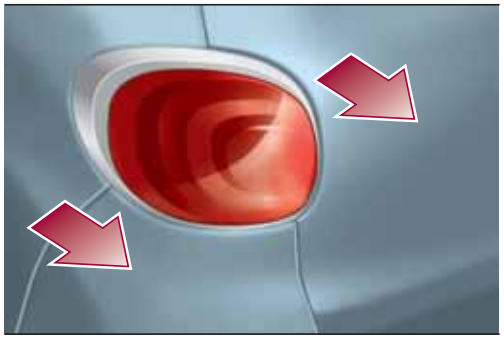
❒ use Allen key A to unscrew fixing devices D fig. 130 of the rear light cluster;

❒ extract the light cluster by removing it with both hands in the direction indicated by the arrows fig. 131;

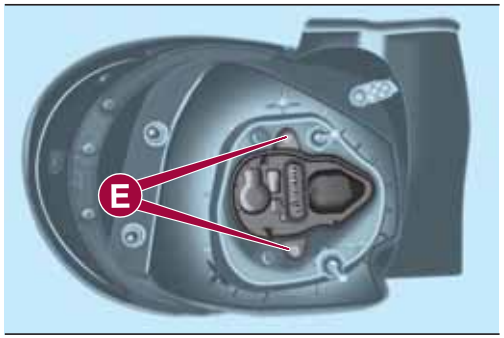


130 F0Y0258C

❒ disconnect the electrical connector, undo the fixing screws E fig. 132 and remove the bulb holder assembly;



131 F0Y0151C



132 F0Y0027C

❒ replace the bulb concerned fig. 133: F = direction indicators, G = side lights/brake lights.

FIXED REAR LIGHT CLUSTERS

These contain the rear fog light bulbs (left side) and reversing light bulbs (right side).
To replace the bulb, proceed as follows:

133 F0Y0028C

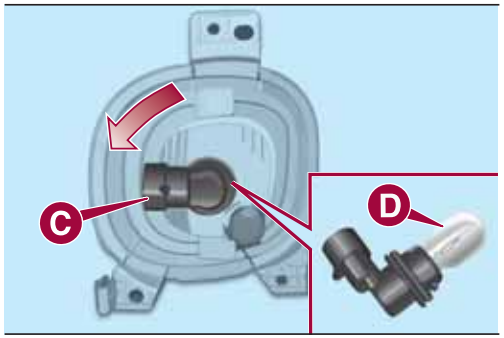
❒ open the luggage compartment, remove the trim frame, undo the four fixing screws A fig. 134 and remove light cluster B;

134 F0Y0032C

❒ disconnect the electrical connector and rotate bulb holder C anticlockwise fig. 135;

❒ remove bulb D from the bulb holder and replace it;

❒ refit the new bulb on the bulb holder, making sure it is correctly locked;



135 F0Y0029C

❒ refit bulb holder C in the lens turning it clockwise and reconnect the electrical connector;

❒ refit the light cluster B fig. 134 correctly by tightening the four fixing screws A, then close the luggage compartment.

THIRD BRAKE LIGHTS

These are located in the tailgate and are LED lights. For replacement, contact a Fiat Dealership.

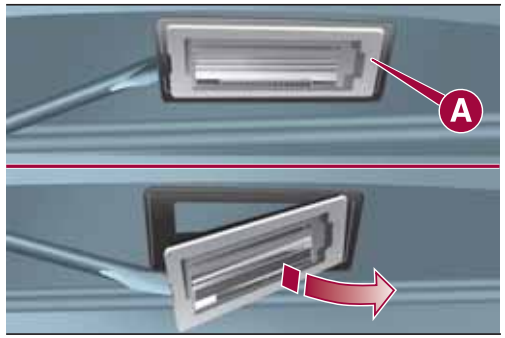
NUMBER PLATE LIGHTS

To replace the bulbs proceed as follows:

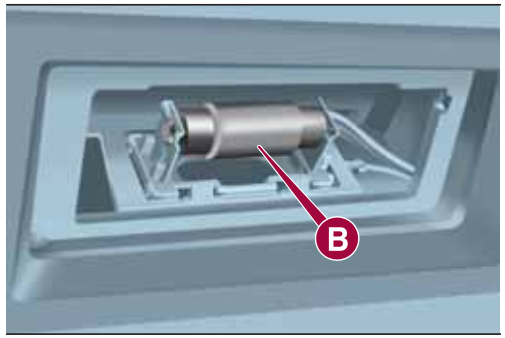
❒ remove lens A fig. 136;

❒ replace the bulb B fig. 137 releasing it from the side contacts;

❒ Insert the new bulb and make sure that it is correctly clamped between the contacts, then refit the lens A fig. 136.



136 F0Y0030C



137 F0Y0031C

WARNING

132) *Changes or repairs to the electrical system carried out incorrectly and without due consideration for the technical specifications of the system may lead to malfunctioning and generate a fire hazard.*

133) *Halogen bulbs contain pressurised gas. If they break, glass fragments could fly everywhere.*

WARNING

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

66) *Where possible, it is advisable to have bulbs changed at a Fiat Dealership. Proper operation and direction of the external lights are essential for driving in safety and comply with law.*

REPLACING FUSES

eLUM

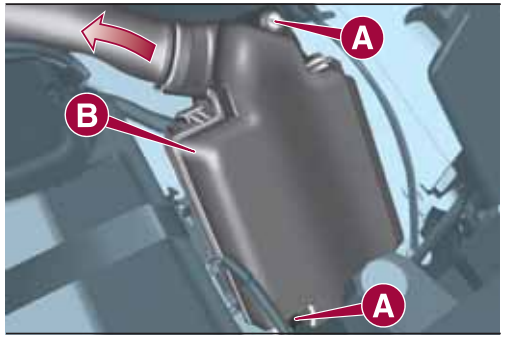
134) 135) 136) 137) 138) 139) 67)

FUSE LOCATION

Fuses are grouped together in three fuse boxes located in the engine compartment, under the dashboard and inside the luggage compartment.

ENGINE COMPARTMENT FUSE BOX

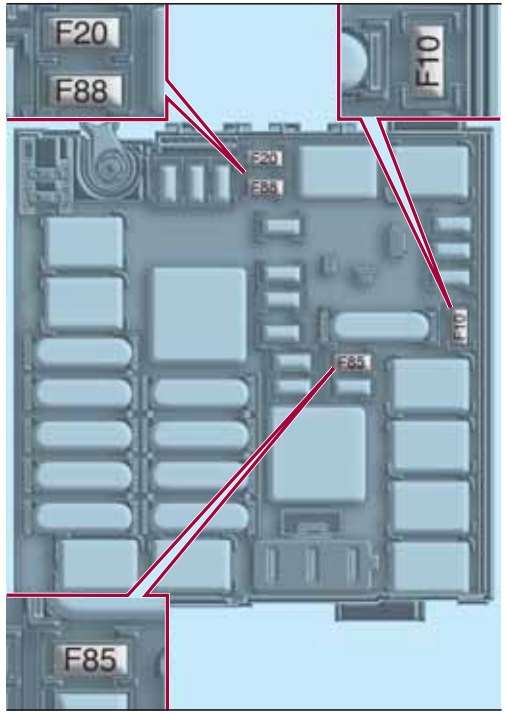
To reach the fuses, undo the two screws A fig. 138 and remove the cover B as shown by the arrow.



138 F0Y0071C

IMPORTANT Before removing cover B fig. 138 press and turn the two bayonet screws A slowly anticlockwise (using the flat tip screwdriver provided) until unlocking them. This is shown by the screw heads lifting.

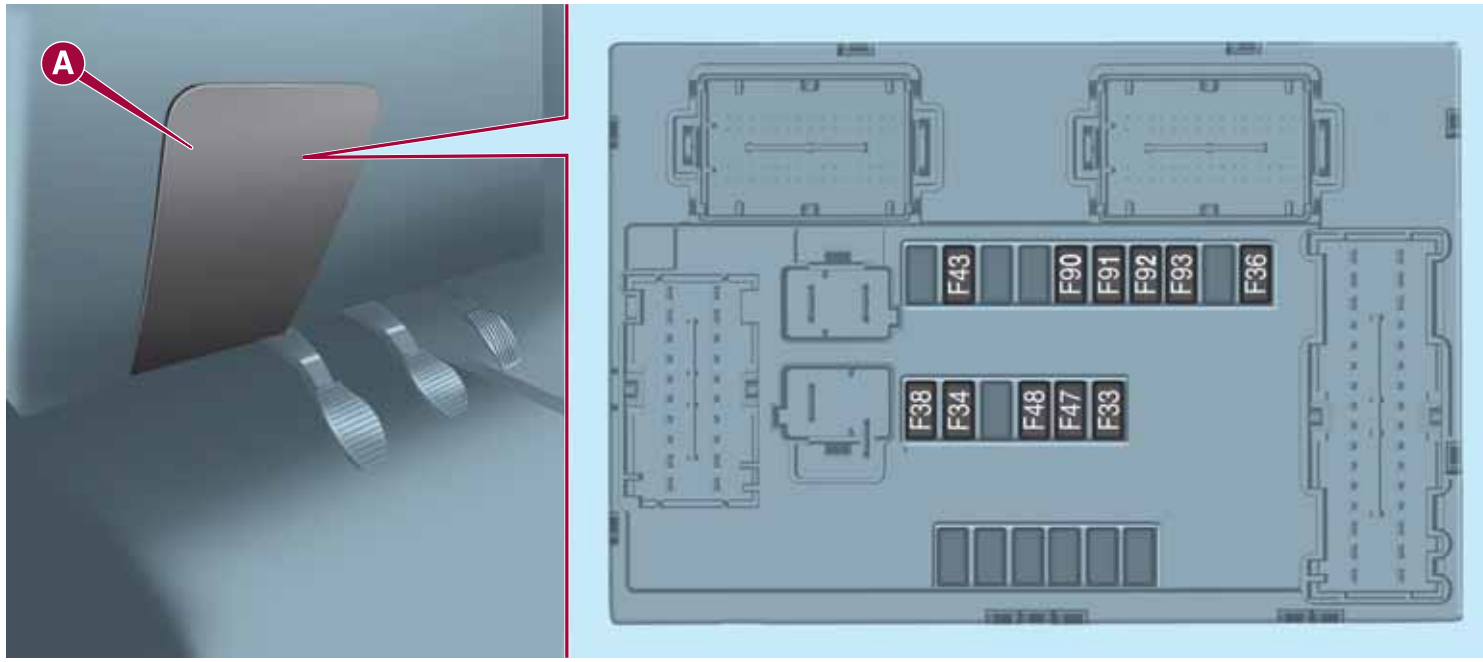
After replacing the fuse, make sure you close cover B on the junction unit.
The fuse box is located by the side of the battery fig. 139.



139 F0Y0072C

DASHBOARD FUSE BOX

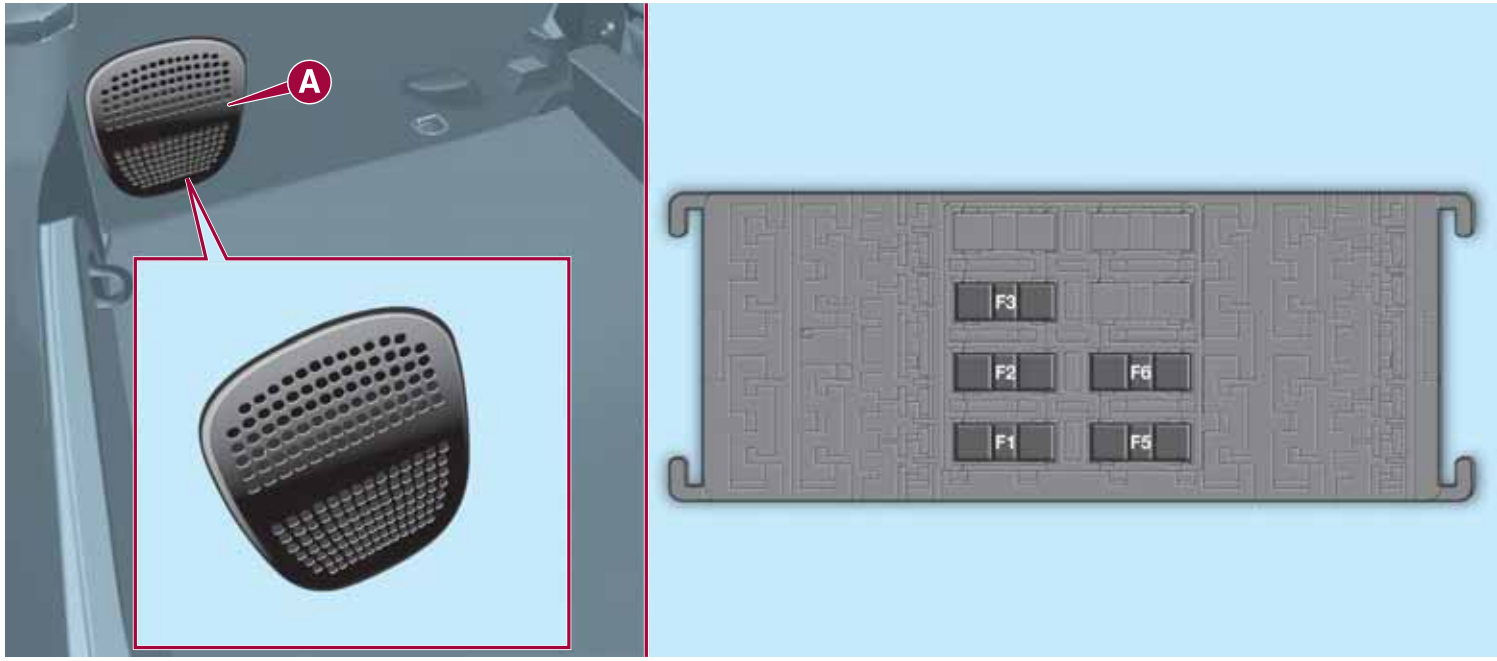
The fuse box is located on the left side of the dashboard. To access the fuses, remove flap A fig. 140.



140 F0Y0280C

LUGGAGE COMPARTMENT FUSE BOX

The fuse box is located on the left side of the luggage compartment. To access the fuses operate in the point shown by the arrow and remove flap A fig. 141.



141 F0Y0177C

ENGINE COMPARTMENT FUSE BOX FUSES

fig. 139

DEVICES	FUSE	AMPERE
Horn	F10	15
Heated rear window	F20	30
Cigar lighter/Front power socket	F85	15
Power socket in the luggage compartment (for versions/markets where provided)	F86	15
Door mirror defrosters	F88	7.5

FUSES LOCATED IN THE DASHBOARD FUSE BOX

fig. 140

DEVICES	FUSE	AMPERE
Rear electric window (left side)	F33	20
Rear electric window (right side)	F34	20
Radio power supply (for versions/markets, where provided), **Uconnect**™ 5" Radio, **Uconnect**™ 5" Radio Nav, rear courtesy lights (right and left)	F36	10
Central locking	F38	20
Two-way windscreen washer pump	F43	20
Front electric window (driver side)	F47	20
Front electric window (passenger side)	F48	20
Main beam headlight (left side)	F90	7.5
Main beam headlight (right side)	F91	7.5
Fog light (left side)	F92	7.5
Fog light (right side)	F93	7.5

FUSES LOCATED IN THE LUGGAGE COMPARTMENT FUSE BOX

fig. 141

DEVICES	FUSE	AMPERE
Front seat electric lumbar regulator	F1	15
Front seat electrical heater	F2	15
Hi-Fi system	F3	20
Electric sun roof blind	F5	20
Electric sun roof	F6	20

WARNING

134) *If the replaced fuse blows again, contact a Fiat Dealership.*

135) *Never replace a fuse with metal wires or other material.*

136) *Never replace a fuse with another with a higher amp rating; DANGER OF FIRE.*

137) *If a general protection fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) blows, contact a Fiat Dealership.*

138) *Before replacing a fuse, make sure that the ignition key has been removed and that all the other devices are switched off and/or deactivated.*

139) *If a general protection fuse for the safety systems (airbag system, braking system), power unit systems (engine system, gearbox system) or driving system blows, contact a Fiat Dealership.*

WARNING

67) *If it is necessary to wash the engine compartment, take care not to directly hit the fuse box and the window wiper motors with the water jet.*

JUMP STARTING

If the battery is flat, a jump starting can be performed using the battery and the cables of another vehicle, or using a booster battery.

IMPORTANT

When a booster battery is used, comply with the utilisation and precaution instructions specified by the producer. Do not use the booster battery or any other source of external supply with a voltage above 12 V: the battery, the starter, the alternator and the electrical system of the vehicle could be damaged.
Do not attempt jump starting if the battery is frozen. The battery could break and explode!

PREPARATION TO JUMP STARTING

140) 141) 142) 68)

IMPORTANT The positive terminal (+) of the battery is shielded by a protective cover. Lift the cover to access the positive terminal.
Proceed as follows:

❒ engage the handbrake, move the Dualogic gear lever to P (Park) or, for versions with manual gearbox, to neutral and bring the ignition key to STOP;

❒ switch off all the other electrical devices in the vehicle;

❒ if another vehicle is ready for jump starting, park the vehicle within the reach of the cables to be used for starting, operate the handbrake and make sure that the ignition is deactivated.

IMPORTANT Avoid contact between the two vehicles since this could cause a connection to earth and may result in serious injury to any people nearby.

PROCEDURE FOR JUMP STARTING

IMPORTANT If the procedure below is carried out incorrectly, it can cause severe injury to people or damage the recharging system of one or both vehicles. Carefully follow the instructions given below.

Cable connection

Proceed as follows to carry out a jump starting:

❒ connect one end of the cable used for positive (+) to the positive terminal (+) of the vehicle with flat battery;

❒ connect the other end of the cable used for positive (+) to the positive terminal (+) of the auxiliary battery;

❒ connect one end of the cable used for negative (–) to the negative terminal (–) of the auxiliary battery;

❒ connect the other end of the cable used for negative (–) to an engine earth (the visible metal part of the vehicle engine with flat battery) away from the battery and the fuel injection system;

❒ start the vehicle engine with the auxiliary battery, let it run for a few minutes at idling. Start the engine of the vehicle with flat battery.

Cable disconnection

Once the engine has been started, remove the cables proceeding as follows:

❒ disconnect the end of the cable used for negative (–) from the engine earth of the vehicle with flat battery;

❒ disconnect the other end of the cable used for negative (–) from the negative terminal (–) of the auxiliary battery;

❒ disconnect the end of the cable used for positive (+) from the positive terminal (+) of the auxiliary battery;

❒ disconnect one end of the cable used for positive (+) from the positive terminal (+) of the vehicle with flat battery.

If it is often necessary to perform a jump starting, have the vehicle battery and the recharging system checked by a Fiat Dealership.

IMPORTANT Any accessories (e.g. mobile phones, etc.) connected to the vehicle power sockets draw current even if they are not used. These devices, if left connected too much time with engine off, may cause the battery to drain with following reduction of its life and/or failure to start the engine.

WARNING

140) *Do not get too close to the radiator cooling fan: the electric fan may start; danger of injury. Scarves, ties and other loose clothing may be pulled by moving parts.*

141) *Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.*

142) *Batteries contain acid which may burn skin and eyes. Batteries produce hydrogen, which is easily flammable and explosive. Thus keep away flames or devices which may cause sparks.*

WARNING

68) *Do not connect the cable to the negative terminal (–) of the flat battery. The following spark could lead to battery explosion and cause serious harm. Only use the specific earth point; do not use any other exposed metallic part.*

FUEL CUT-OFF SYSTEM

143)

This intervenes in the event of an impact causing:

❒ the interruption of the fuel supply with the engine consequently cutting out

❒ the automatic unlocking of the doors

❒ the automatic switching on of the interior lights

❒ the switching on of the hazard warning lights.

On some versions, the intervention of the system is indicated by a message shown on the display.

IMPORTANT Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. After a collision, turn the ignition key to STOP to prevent the battery from running down.

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

❒ turn the ignition key to the MAR position;

❒ activate the right direction indicator and then stop it;

❒ activate the left direction indicator and then stop it;

❒ activate the right direction indicator and then stop it;

❒ activate the left direction indicator and then stop it;

❒ turn the ignition key to the STOP position and then to MAR.

LPG versions: in the event of an impact, petrol supply is immediately cut-off, the LPG safety valves are closed and the injection is interrupted, switching off the engine.

Natural Power versions: in the event of an impact, the power supply is immediately cut off, causing engine switching off.

WARNING

143) *If, after an impact, you smell fuel or notice leaks from the fuel system, do not reactivate the system to avoid the risk of fire.*

TOWING THE VEHICLE

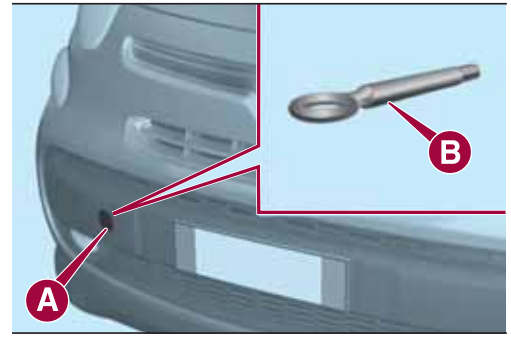
ATTACHING THE TOW RING

144) 145) 146) 147)

The tow hook, which is supplied with the car, is housed in the tool box, under the mat in the luggage compartment.

Front

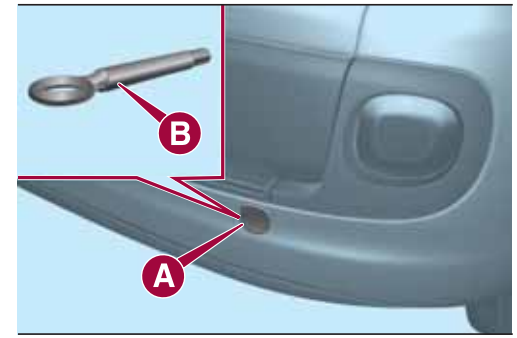
Manually release cap A fig. 142 pressing at the bottom. Take tow ring B from its housing in the tool support and screw it completely onto the threaded pin.



142 F0Y0143C

Rear

Manually release cap A fig. 143 pressing at the bottom. Take tow ring B from its housing in the tool support and screw it completely onto the threaded pin.



143 F0Y0144C

Versions with Dualogic gearbox

Make sure that the gearbox is in neutral (N) (checking that the vehicle moves when pushed) and proceed in the same way as for towing a normal vehicle with a manual gearbox. If the gearbox cannot be put in neutral, do not tow the vehicle and contact a Fiat Dealership.

WARNING

144) *Before starting towing operations, turn the ignition key to MAR and then to STOP, without extracting it. The steering column will automatically lock when the key is removed, making it impossible to turn the wheels.*

145) *Before tightening the ring, clean the threaded housing thoroughly. Make sure that the tow ring is fully fastened in the housing before towing the vehicle.*

146) *Whilst towing, remember that the assistance of the brake servo and the electric power steering is not available, therefore greater force needs to be exerted on the brake pedal and more effort is required on the steering wheel. Do not use flexible cables when towing and avoid jerky movements. Make sure not to damage parts in contact with the car while towing. When towing the car, you must comply with all specific traffic regulations, both in terms of the towing device and behaviour on the road. Do not start the engine while being towed.*

147) *The front and rear tow hooks should be used only for emergencies on the road. The car may be towed for short distances when a dedicated device is used in compliance with the Highway Code (rigid bar), and in order to move the vehicle on the road in preparation for towing or transport via a tow truck (on the Trekking versions do NOT use the rear tow hook for transport on a tow truck: use the front tow hook). Tow hooks MUST NOT be used to tow vehicles off the road or where there are obstacles and/or for towing operations using ropes or other non-rigid devices. Respecting the above conditions, towing must take place with two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.*

SERVICING AND MAINTENANCE

Correct servicing permits the performance of the vehicle to be maintained over time, as well as limited running costs and safeguarding the efficiency of the safety systems.

This chapter explains how.

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WHEELS AND TYRES.....157
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SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions. For this reason, Fiat has planned a series of checks and services at fixed distance intervals and, where provided, at fixed time intervals, as described in the Scheduled Servicing Plan.
Before each service, it is always necessary to carefully follow the instructions in the Scheduled Servicing Plan (e.g. periodically check level of fluids, tyre pressure, etc.).
Scheduled Servicing is offered by all Fiat Dealerships according to a set time schedule. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out with the owner's explicit agreement only.
If your vehicle is used frequently for towing, the interval between one service operation and the next should be reduced.

IMPORTANT Scheduled Servicing interventions are set out by the Manufacturer. Failure to have them carried out may invalidate the warranty. It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the next service.

PERIODIC CHECKS

Every **1,000** km or before long journeys, check and if necessary, top up: engine coolant level; brake fluid level; screen washer fluid level; tyre inflation pressure and condition; lighting system operation (headlights, direction indicators, hazard warning lights, etc.); screen washer/wiper system operation and positioning/wear of windscreen/ rear window wiper blades.
Every **3,000** km, check and top up if required: engine oil level.

HEAVY-DUTY USE OF THE VEHICLE

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

❒ towing a trailer or caravan;

❒ dusty roads;

❒ short, repeated journeys (less than 7-8 km) at sub-zero outside temperatures;

❒ engine often idling or driving long distances at low speeds or long periods of inactivity;

the following checks must be carried out more often than indicated in the Scheduled Servicing Plan:

❒ check front disc brake pad condition and wear;

❒ check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage;

❒ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel system/brakes) and rubber elements (gaiters/sleeves/ bushes, etc.);

❒ check battery charge and battery fluid level (electrolyte);

❒ visually inspect conditions of the accessory drive belts;

❒ check and, if necessary, change engine oil and replace oil filter;

❒ check and, if necessary, replace pollen filter;

❒ check and, if necessary, replace air cleaner.

SCHEDULED SERVICING PLAN (petrol versions)

The checks listed in the Scheduled Servicing Plan, after reaching 120,000 km/8 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check tyre condition/wear and adjust pressure, if necessary; check “Fix&Go Automatic” kit recharge expiry date (for versions/markets, where provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●	●	●	●	●	●
Use the diagnosis socket to check supply/engine management systems operation, emissions and, for versions/markets, where provided, engine oil degradation	●	●	●	●	●	●	●	●	●	●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect conditions of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.)	●		●		●		●		●	
Check windscreen/rear window wiper blade position/wear	●		●		●		●		●	
Check operation of the windscreen wiper/washer system and adjust jets, if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, as well as cleanliness and lubrication of linkages		●		●		●		●		●
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Visually inspect conditions and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions and wear of rear disc brake pads and operation of pad wear indicator	●	●	●	●	●	●	●	●	●	●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect rear drum brake lining condition and wear (for versions/ markets, where provided)	●	●	●	●	●	●	●	●	●	●
Visual inspection of condition and tensioning of accessory drive belt(s) (for versions without automatic tensioner)				●						
Check tension of accessory drive belt (versions without automatic tensioner) (or every 2 years)		●								●
Visually inspect conditions of toothed timing drive belt (0.9 TwinAir versions excluded)				●						
Check manual gearbox oil level						●				
Visually inspect condition of: LPG pipes and connectors, LPG tank fixing (LPG versions only)		●		●		●		●		●
Check fuel system operation and parameters using the diagnosis socket (LPG versions only)		●		●		●		●		●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect condition of: methane pipes and connectors, methane cylinder fastening, restore if necessary (Natural Power versions only) (1)		●		●		●		●		●
Check pressure regulator and replace internal filter, if necessary (Natural Power versions only) (1)		●		●		●		●		●
Check fuel system operation and parameters using self-diagnosis socket (Natural Power versions only)		●		●		●		●		●
Check tightening torque of cylinder fastening bands (Natural Power versions only)		●				●				●
Check pressure regulator heating pipes sealing (Natural Power versions only)		●		●		●		●		●
Check correct fitting of injectors (positioning, clip retention) (Natural Power versions only)		●		●		●		●		●

(1) Or every year.

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Change engine oil and replace oil filter (2)		●		●		●		●		●
Replace spark plugs (3)		●		●		●		●		●
Change the brake fluid		●		●		●		●		●
Replace filter inside the pressure regulator (LPG versions only)						●				
Replace paper filter (LPG in gaseous state) (LPG versions only)		●		●		●		●		●

(2) If the vehicle is used mainly on urban routes or the annual distance travelled is less than 10,000 km, the engine oil and engine oil filter must be changed every year.

(3) For 0.9 TwinAir Turbo 105 HP versions, to guarantee correct operation and prevent serious damage to the engine, it is essential to proceed as follows: only use spark plugs specifically certified for these engines; all spark plugs should be of the same type and brand (see the “Engine” paragraph in the "Technical Specifications" section); strictly comply with the replacement intervals in the Scheduled Servicing Plan.
It is advisable to contact a Fiat Dealership for plug replacement.

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Replace accessory drivebelt(s) (4)								●		
Replace toothed timing drive belt (0.9 TwinAir versions excluded) (4)								●		
Replace air cleaner cartridge (5)		●		●		●		●		●
Replace passenger compartment cleaner (5) (O) (●)	O	●	O	●	O	●	O	●	O	●

(4) Areas that are not dusty: recommended maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years.
Dusty areas and/or demanding use of the vehicle (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(5) If the vehicle is used in dusty areas, this cleaner must be replaced every 15,000 km.

(O) Recommended operations

(●) Mandatory operations

SCHEDULED SERVICING PLAN (Diesel versions)

The checks listed in the Scheduled Servicing Plan, after reaching 120,000 km/6 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Check tyre condition/wear and adjust pressure, if necessary; check “Fix&Go Automatic” kit recharge expiry date (for versions/markets, where provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●	●	●	●	●	●
Use the diagnosis socket to check supply/engine management systems operation, emissions and, for versions/markets, where provided, engine oil degradation	●	●	●	●	●	●	●	●	●	●

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect conditions of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.)	●		●		●		●		●	
Check windscreen/rear window wiper blade position/wear	●		●		●		●		●	
Check operation of the windscreen wiper/washer system and adjust jets, if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, as well as cleanliness and lubrication of linkages		●		●		●		●		●
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Visually inspect conditions and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions and wear of rear disc brake pads and operation of pad wear indicator	●	●	●	●	●	●	●	●	●	●

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect rear drum brake lining condition and wear (for versions/ markets, where provided)	●	●	●	●	●	●	●	●	●	●
Visual inspection of toothed timing drive belt conditions (1.3 16V MultiJet versions excluded)		●						●		
Visual inspection of condition and tensioning of accessory drive belt(s) (for versions without automatic tensioner)		●						●		
Check manual gearbox oil level						●				
Check Dualogic gearbox control oil level (1)		●		●		●		●		●

(1) Level check must be carried out every year for cars running in countries with particularly severe climates (cold countries).

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Change engine oil and replace oil filter (2) (3)										
Replace accessory drivebelt(s) (4)						●				
Replace toothed timing drive belt (1.3 16V MultiJet versions excluded) (4)						●				
Replace fuel filter cartridge (5)			●			●			●	

(2) The actual interval for changing engine oil and replacing the engine oil filter depends on the vehicle usage conditions and is signalled by the warning light or message in the instrument panel. In any case, it must never exceed 2 years.

(3) If the vehicle is mainly used in towns and cities, change the engine oil and filter every year.

(4) Areas that are not dusty: recommended maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years.
Dusty areas and/or demanding use of the vehicle (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(5) If the vehicle runs on fuel with quality below the relevant European specification, this filter must be replaced every 20,000 km

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Replace air cleaner cartridge (6)		●		●		●		●		●
Change the brake fluid		●		●		●		●		●
Replace passenger compartment cleaner (6) (O) (●)	O	●	O	●	O	●	O	●	O	●

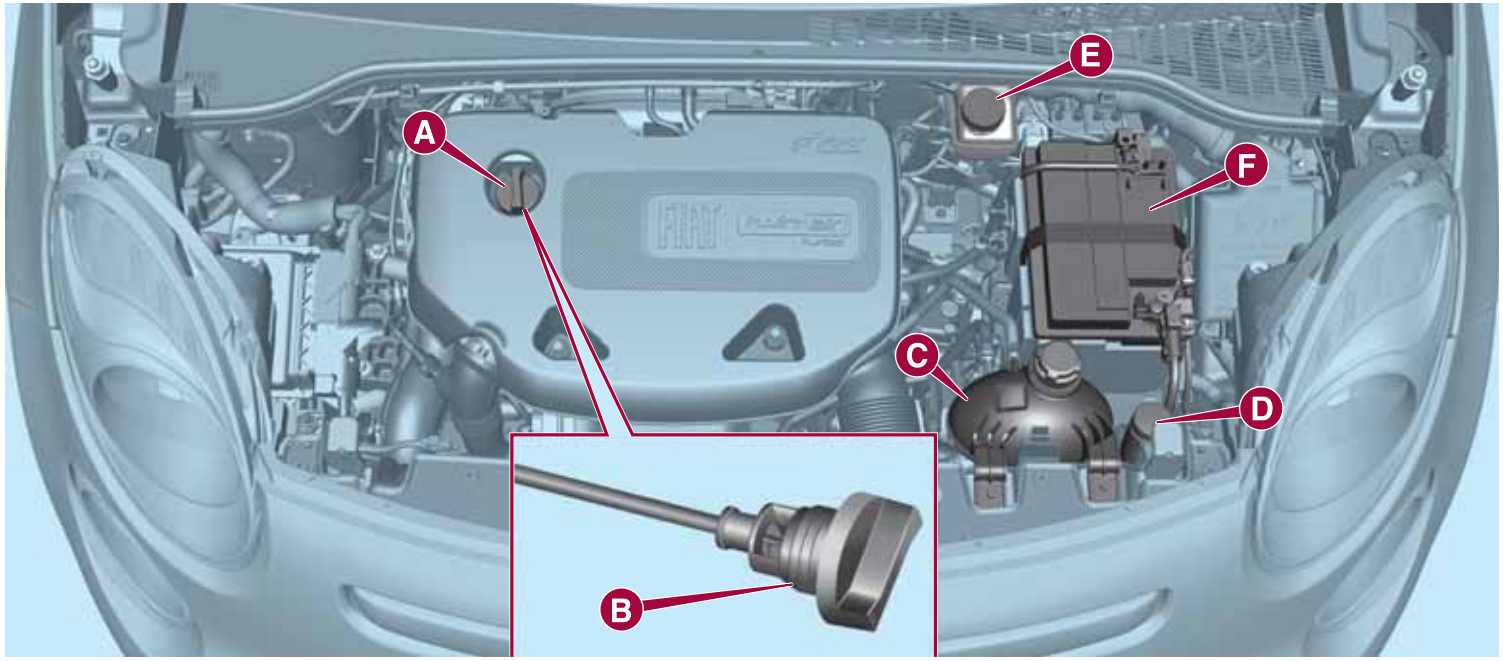
(6) If the vehicle is used in dusty areas, this cleaner must be replaced every 20,000 km.
(O) Recommended operations
(●) Mandatory operations

CHECKING LEVELS

eLUM

148) 149) 69)

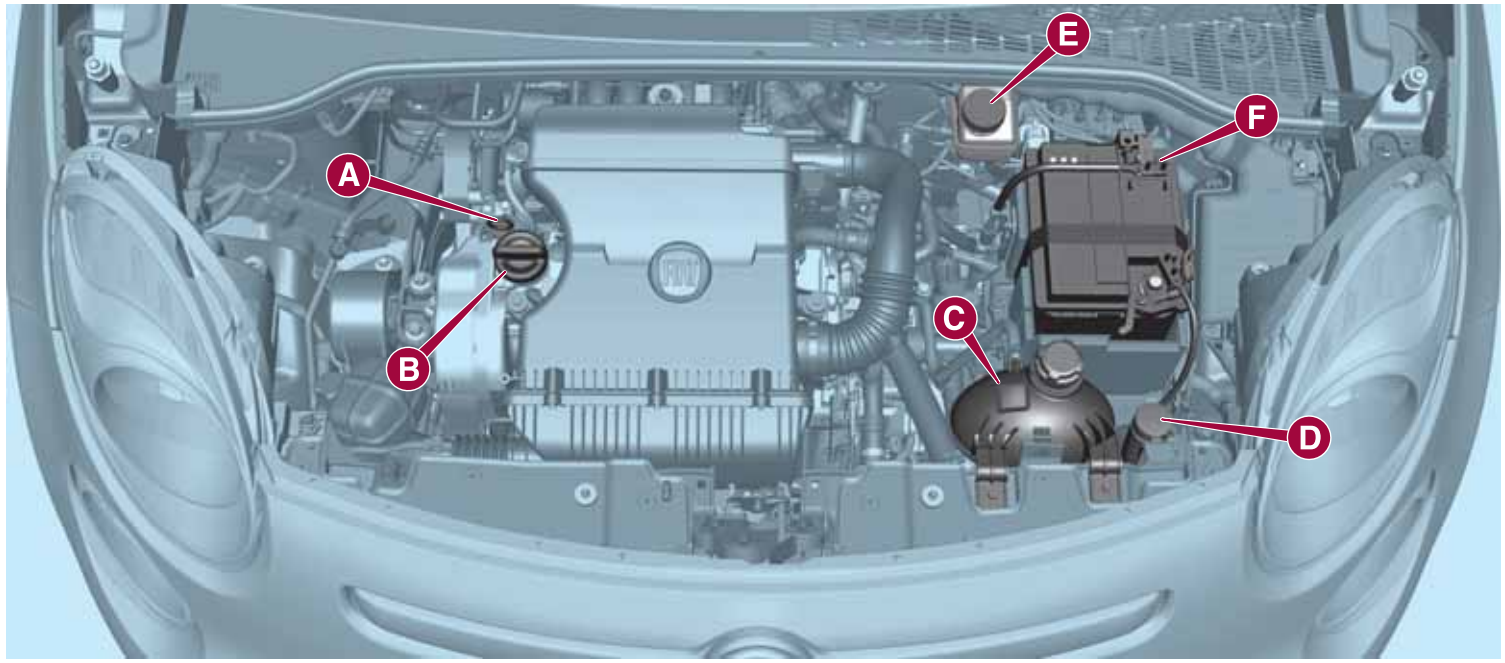
0.9 TwinAir Turbo 105 HP versions



144 F0Y0180C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

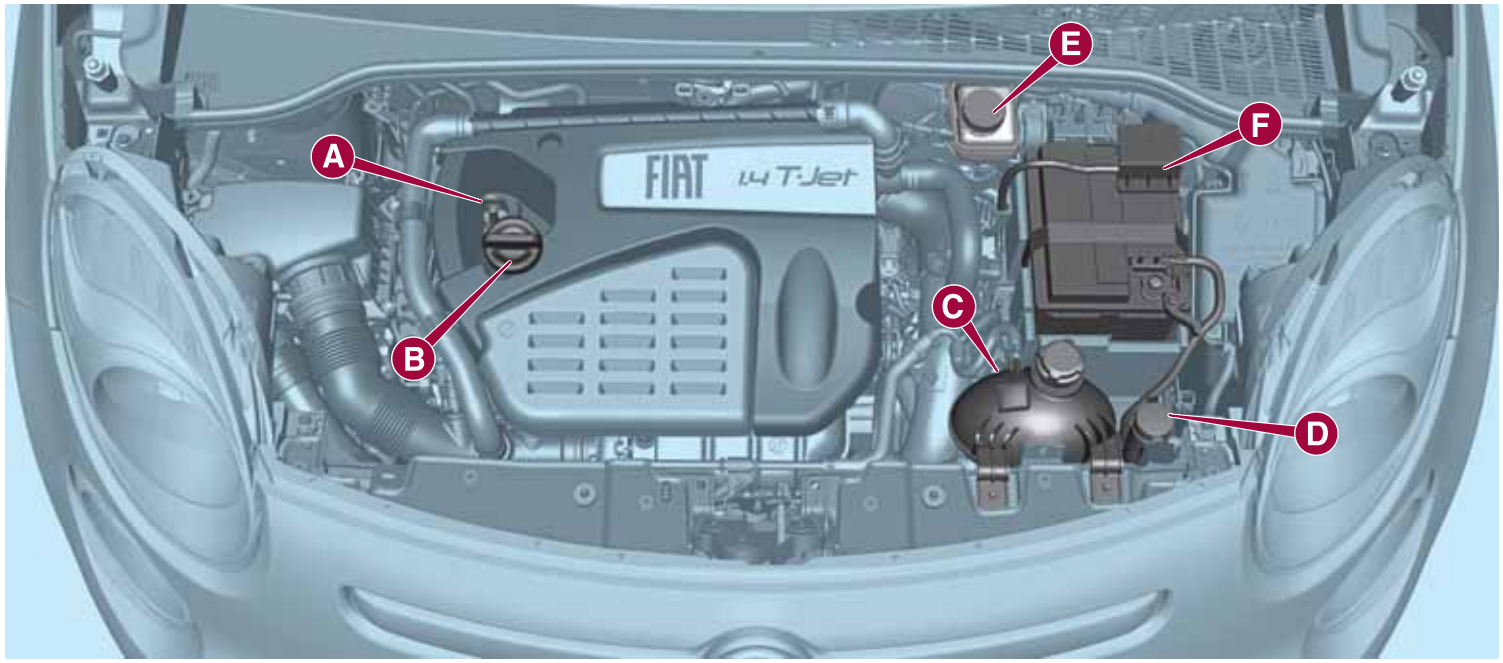
1.4 16V 95 HP versions



145 F0Y0181C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

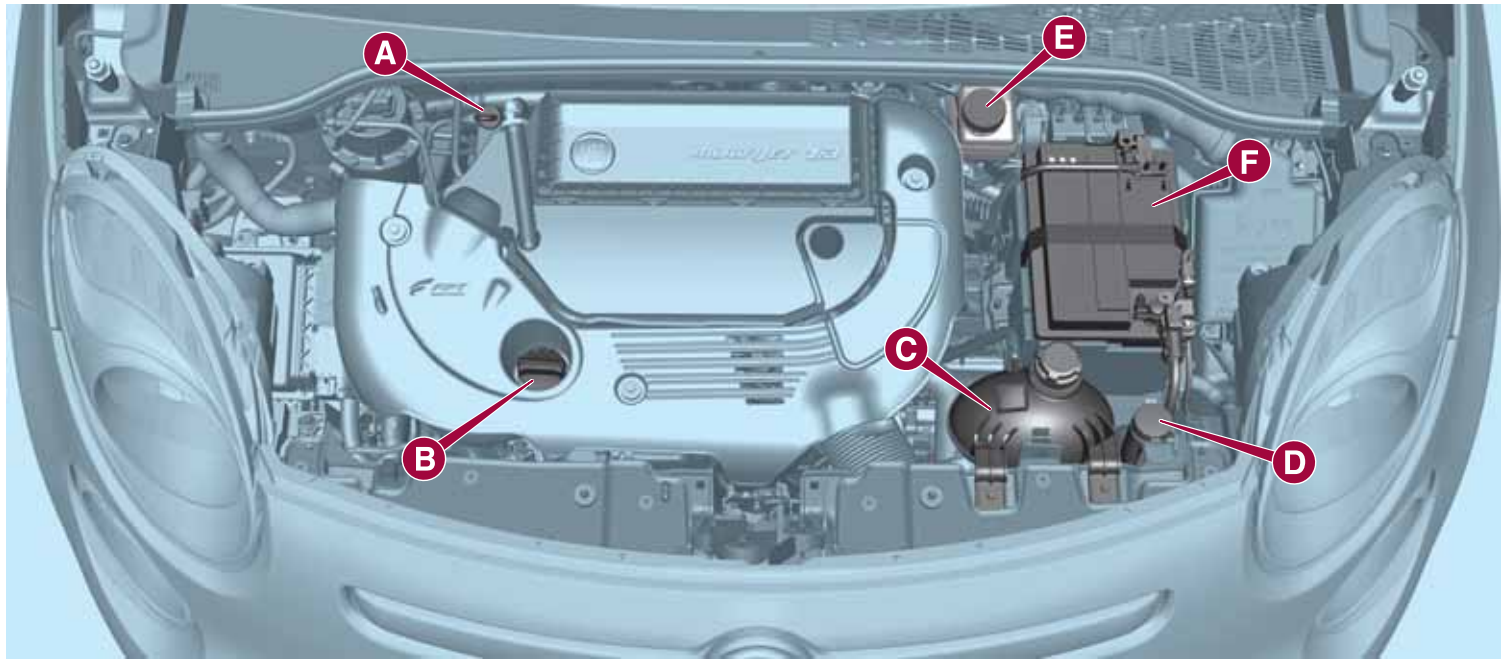
1.4 16V 120 HP versions



146 F0Y0399C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

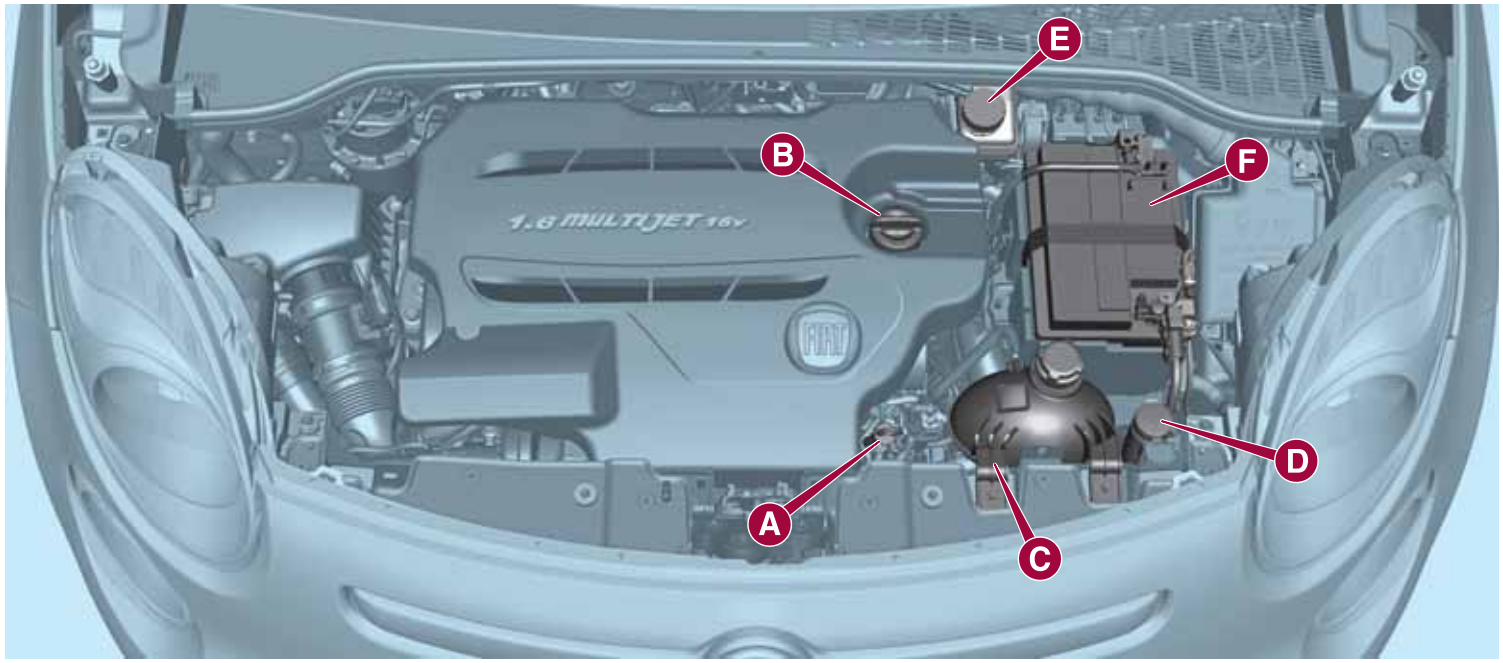
1.3 16V MultiJet versions



147 F0Y0182C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

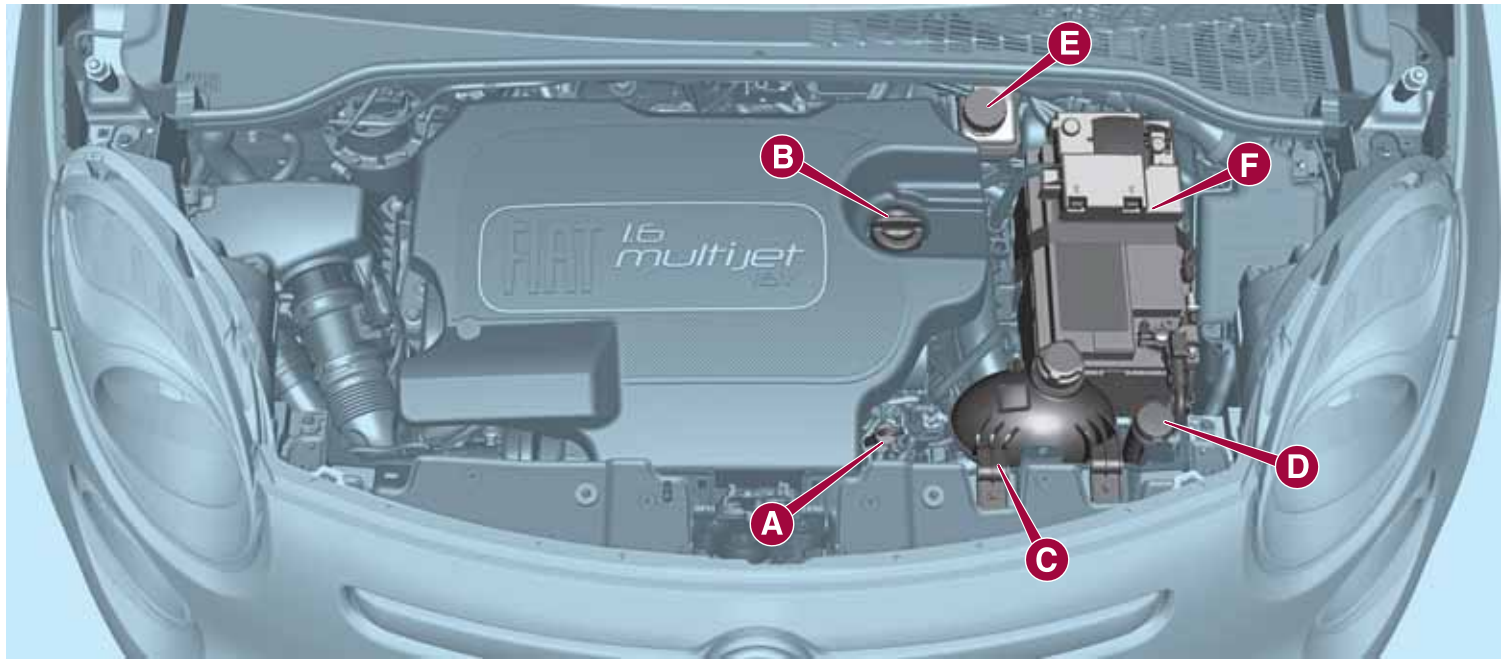
1.6 16V 105 HP MultiJet versions



148 F0Y0314C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

1.6 16V 120 HP MultiJet versions



149 F0Y0413C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

ENGINE OIL

150) 70) 71) 4)

Check that the oil level is between the MIN and MAX references on the dipstick A. If the oil level is near or even under the MIN mark, add oil using the filler B to reach the MAX mark. Take out the engine oil dipstick A, clean it with a lint-free cloth and reinsert it. Extract the engine oil dipstick again and check that the level is between the MIN and MAX marks on the dipstick. On 0.9 TwinAir Turbo 105 HP versions, unscrew the cap, clean the dipstick with a lint-free cloth, reinsert the dipstick and screw the cap back on. Unscrew the cap again and check that the engine oil level is between the MIN and MAX marks on the dipstick.
Engine oil consumption: the maximum engine oil consumption is usually 400 grams every 1000 km. During the initial period of use the engine oil consumption conditions should be considered as having stabilised after the first 5000 - 6000 km.

ENGINE COOLANT

151) 72)

If the level is too low, unscrew the cap of reservoir C and add the fluid described in the "Technical Specifications" chapter.

WINDSCREEN/REAR WINDOW WASHER FLUID

152) 153)

If the level is too low, lift reservoir cap D and add the fluid described in the "Technical Specifications" chapter.

IMPORTANT The headlight washer system will not operate when the fluid level is low, even though the windscreen/rear window washer continues to operate. On some versions there is a reference notch on the dipstick: ONLY the windscreen/rear window washer operates with the level below this reference.

BRAKE FLUID

154) 155) 73)

Check that the fluid is at the max. level. If the fluid level in the reservoir is too low, undo reservoir cap E and add the fluid described in the "Technical Specifications" chapter.

DUALOGIC GEARBOX CONTROL OIL

5)

The gearbox control oil level should only be checked at a Fiat Dealership.

BATTERY

156) 157) 158) 159) 6)

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

IMPORTANT After the battery is disconnected, the steering must be initialised. The warning light on the instrument panel switches on to indicate this. To carry out this procedure turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.

IMPORTANT If the charge level remains under 50% for a long time, the battery is damaged by sulphation, reducing its capacity and efficiency at start-up.

CLIMATE CONTROL SYSTEM MAINTENANCE

In winter, the climate control system must be turned on at least once a month for about 10 minutes. Before summer, have the system checked at a Fiat Dealership.

WARNING

148) *Never smoke when performing operations in the engine compartment. Flammable gases and fumes may be present and risk igniting.*

149) *Be very careful when working in the engine compartment when the engine is hot: you may get burnt.*

150) *If the engine oil is being topped up, wait for the engine to cool down before loosening the filler cap, particularly for vehicles with aluminium cap (where provided). IMPORTANT: risk of burns!*

151) *The cooling system is pressurised. If necessary, only replace the cap with another original one or the operation of the system may be adversely affected. Do not remove the reservoir cap when the engine is hot: risk of burns.*

152) *Do not travel with the washer fluid reservoir empty: the washer operation is essential for improving visibility. Repeated operation of the system without fluid could damage or cause rapid deterioration of some system components.*

153) *Certain commercial additives for washer fluids are inflammable. The engine compartment contains hot components which may set it on fire.*

154) *Brake fluid is poisonous and highly corrosive. In the event of accidental contact, immediately wash the affected parts with water and mild soap. Then rinse thoroughly. Call a doctor immediately if swallowed.*

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

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

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

158) *If the vehicle must remain unused for a long time at a very low temperature, remove the battery and take it to a warm place, to avoid freezing.*

159) *When performing any operation on the battery or near it, always protect your eyes with special goggles.*

WARNING

69) *Be careful not to confuse the various types of fluids while topping up: they are not compatible with each other! Topping up with an unsuitable fluid could severely damage your vehicle.*

70) *The oil level should never exceed the MAX mark.*

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

72) *PARAFLU UP anti-freeze fluid is used in the engine cooling system; use the same fluid type as that already in the cooling system when topping up. PARAFLU UP may not be mixed with other types of anti-freeze fluids. In the event of topping up with an unsuitable product, under no circumstances start the engine and contact a Fiat Dealership.*

73) *Avoid allowing brake fluid, which is extremely corrosive, to come into contact with painted areas. Should it happen, wash immediately with water.*

74) *Incorrect assembly of electrical and electronic accessories may cause severe damage to your vehicle. Go to a Fiat Dealership if you want to install accessories (e.g. anti-theft, radio phone, etc.): they will suggest the most suitable devices and advise you whether a higher capacity battery needs to be installed.*

WARNING

4) *Used engine oil and oil filters contain substances which are harmful to the environment. You are advised to contact a Fiat Dealership to have the oil and filters changed.*

5) *Used transmission fluid contains substances that are harmful to the environment. It is advisable to contact a Fiat Dealership to have the fluid changed.*

6) Batteries contain substances which are very dangerous for the environment. For battery replacement, contact a Fiat Dealership.

BATTERY RECHARGING

160) 161)

IMPORTANT After turning the ignition key to STOP and having closed the driver side door, wait at least one minute before disconnecting the electrical supply from the battery. When reconnecting the electrical supply to the battery, make sure that the ignition device is in the STOP position and the driver side door is closed.

IMPORTANT Charging should be slow at a low ampere rating for approximately 24 hours. Charging for a longer time may damage the battery.

IMPORTANT Make sure that the cables of the electrical system are correctly reconnected to the battery, i.e. the positive cable (+) to the positive terminal and the negative cable (–) to the negative terminal. The battery terminals are marked with the positive (+) and negative (–) symbols, and are shown on the battery cover. The battery terminals must also be corrosion-free and firmly secured to the terminals. If a "quick-type" battery charger is used with the battery fitted on the vehicle, before connecting it disconnect both cables of the battery itself. Do not use a "quick-type" battery charger to provide the starting voltage.

IMPORTANT The battery recharging procedure is given as information only. You are advised to contact a Fiat Dealership to have this operation carried out.

VERSIONS WITHOUT Start&Stop SYSTEM

(for versions/markets, where provided)

Charge the battery as follows:

❒ disconnect the negative battery terminal;

❒ connect the charger cables to the battery terminals, observing the polarity;

❒ turn on the charger;

❒ when finished, turn the charger off before disconnecting the battery;

❒ reconnect the negative battery terminal.

VERSIONS WITH Stop/Start SYSTEM

(for versions/markets, where provided)

To recharge, proceed as follows:

❒ disconnect connector A fig. 150 (pressing button B) from battery status monitoring sensor C (fitted on the negative battery terminal D);

❒ connect the positive cable (+) of the battery charger to the battery positive terminal (+);

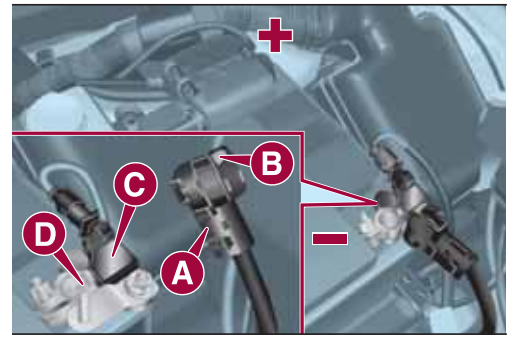
❒ connect the negative cable (–) of the battery charger to the pin D of the negative battery terminal (–);

❒ turn on the battery charger. When it is recharged, turn the charger off before disconnecting it from the battery;

❒ reconnect the connector A to the sensor C of the battery.

WARNING

160) *Battery fluid is poisonous and corrosive: avoid contact with skin and eyes. The battery recharging operation must be performed in a ventilated place, away from naked flames or possible sources of sparks to avoid the risk of explosion and fire.*



150 F0Y0153C

161) *Don't try to recharge a frozen battery: it must be thawed first, otherwise it may explode. If the battery was frozen, have it inspected by specialised personnel before recharging to check that the internal elements are not damaged and that the casing is not cracked, which causes the risk of leakage of poisonous, corrosive acid.*

WINDSCREEN/REAR WINDOW WIPER

162) 75)

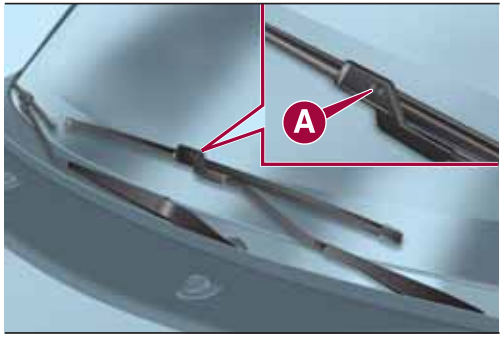
REPLACING THE WINDSCREEN WIPER BLADES

Proceed as follows:

❒ raise the wiper arm, press tab A fig. 151 of the attachment spring and remove the blade from the arm;

❒ fit the new blade, inserting the tab into the special slot in the arm, making sure that it is locked;

❒ lower the wiper arm on the windscreen.



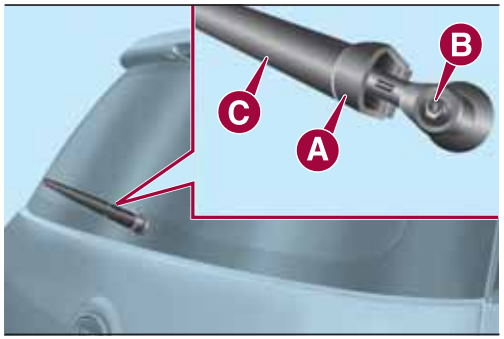
151 F0Y0114C

REPLACING THE REAR WINDOW WIPER BLADE

Proceed as follows:

❒ raise cover A fig. 152, undo nut B and remove arm C;

❒ correctly position the new arm, fully tighten the nut B then lower the cover A.

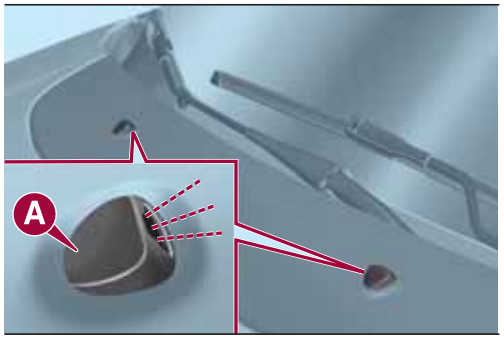


152 F0Y0208C

SPRAY NOZZLES

Windscreen washer

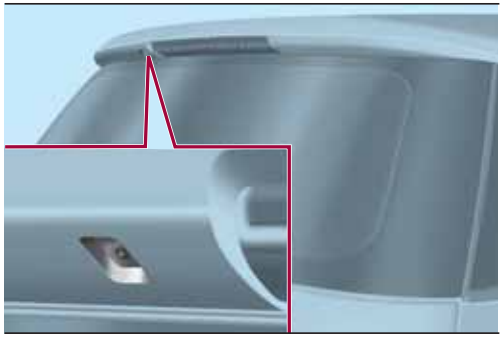
The windscreen washer jets A fig. 153 are fixed. If there is no jet of fluid, firstly check that there is fluid in the reservoir (see paragraph “Checking fluid levels” in this chapter). Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.



153 F0Y0209C

Rear window washer

The rear window washer jets are fixed. The nozzle holder is located on the rear window fig. 154.



154 F0Y0210C

WARNING

162) *Driving with worn windscreen/rear window wiper blades is a serious hazard, because visibility is reduced in bad weather.*

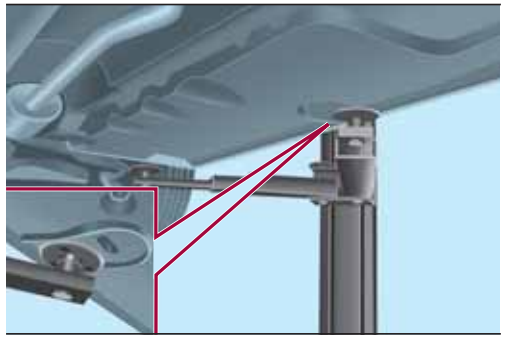
WARNING

75) *Do not operate the windscreen wiper with the blades lifted from the windscreen.*

LIFTING THE VEHICLE

If the car needs to be lifted, go to a Fiat Dealership which is equipped with arm hoists or workshop lifts.

155 F0Y0266C



156 F0Y0333C

WARNING

163) *The vehicle must only be raised laterally by placing the ends of the arms or workshop lift in the areas shown in fig. 155 and in fig. 156 (for lifting the rear side).*

WARNING

76) *Take special care when positioning the arm lifts or the workshop lift in order not to damage the aerodynamic spoilers and the side skirts, if any.*

WHEELS AND TYRES

eLUM

SUGGESTIONS ABOUT THE ROTATION OF THE TYRES

164) 77) 78) 79) 80)

The front and rear tyres are subject to different loads and stress due to steering, manoeuvres and braking. For this reason they are subject to uneven wear.
To resolve this problem, tyres should be rotated at the appropriate time. This operation is recommended for tyres with a deep tread pattern, suitable both for on-road and off-road driving.
Tyre rotation contributes to the preservation of the grip and traction performance on wet, muddy or snowy roads, guaranteeing optimal driveability of the vehicle.
In the case of irregular wear of the tyres, the reason must be identified and corrected before rotating them.

WARNING

164) *Do not cross switch the tyres if they are "one-way" type. In this case, always take care not to fit the tyres with a direction of rotation that is opposite to that indicated: you would risk losing grip and control of the vehicle.*

WARNING

77) *Road holding depends also on the correct tyre inflating pressure.*

78) *If the pressure is too low the tyre overheats and this can cause it serious damage.*

79) *Do not cross switch the tyres, moving them from the right of the vehicle to the left and vice versa.*

80) *Never submit alloy rims to repainting treatments requiring the use of temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.*

BODYWORK

eLUM

PRESERVING THE BODYWORK

Paintwork 81) 7)

Touch up abrasions and scratches immediately to prevent the formation of rust. On some versions the car may be equipped with an exclusive matt paint which, in order to be maintained intact, requires special care. 82)

To correctly wash the vehicle, follow these instructions:

❒ if the vehicle is washed remove the aerial from the roof;

❒ if high pressure jets or cleaners are used to wash the vehicle, keep a distance of at least 40 cm from the bodywork to avoid damage or alteration. Build up of water could cause damage to the vehicle in the long term;

❒ wash the bodywork using a low pressure jet of water;

❒ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing the sponge;

❒ rinse well with water and dry with a jet of air or a chamois.

WARNING

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

82) *Avoid washing with rollers and/or brushes in washing stations. Wash the vehicle only by hand using neutral pH detergents; dry it with a wet chamois leather. Abrasive products and/or polishes should not be used for cleaning the vehicle. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the vehicle under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opaqueness of the paint. Do not use pure screen washer fluid for cleaning the windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions.*

WARNING

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

TECHNICAL SPECIFICATIONS

eLUM

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

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IDENTIFICATION DATA

VIN PLATE

This is applied on the left side of the luggage compartment fig. 157 (lift the mat for access) and bears the following data:

157 F0Y0130C

B Type-approval number.

C Vehicle type identification code.

D Chassis serial number.

E Maximum permitted weight of vehicle fully laden.

F Maximum permitted weight of vehicle fully laden plus trailer.

G Maximum permitted weight on first axle (front).

H Maximum permitted weight on second axle (rear).

I Engine type.

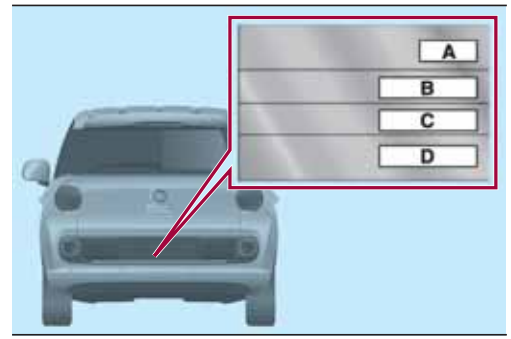
L Bodywork version code.

M Spare part number.

N Correct value of smoke coefficient (for diesel engines).

BODYWORK PAINT IDENTIFICATION PLATE

This is fitted to the inside of the tailgate and bears the following data fig. 158:



158 F0Y0003C

A Paint manufacturer.

B Colour name.

C Fiat colour code.

D Respray and touch-up colour code.

CHASSIS MARKING

It is printed on the crossmember under the passenger side seat and bears the following data:

❒ type of vehicle;

❒ chassis serial number.

ENGINE MARKING

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

Versions	0.9 TwinAir Turbo Natural Power		0.9 TwinAir Turbo 105 HP
Type code	312A2000		199B6000
Cycle	Otto		Otto
Number and position of cylinders	2 in line		2 in line
Piston bore and stroke (mm)	80.5 x 86.0		80.5 x 86.0
Total displacement (cm^3)	875		875
Compression ratio	10 ± 0.2		10 ± 0.2
	METHANE	PETROL	
Maximum power (EEC) (kW)	59	62.5	77/72 (*)
Maximum power (EEC) (HP)	80	85	105/98 (*)
corresponding engine speed (rpm)	5500	5500	5500/5750 (*)
Maximum torque (EEC) (Nm)	145	145	145/120 (*)
Maximum torque (EEC) (kgm)	14.8	14.8	14.8/12.2 (*)
corresponding engine speed (rpm)	2500	2000	2000/1750 (*)
Spark plugs	NGK ILKR9G8 or NGK ILKR9H8		NGK ILKR9G8
Fuel	Methane for motor vehicles	Unleaded petrol 95 RON (EN 228 Specification)	Unleaded petrol 95 RON (EN 228 Specification)

(*) With ECO button pressed

Versions	1.4 16V 95 HP	1.4 16V 120 HP	
Type code	843A1000	940B7000	
Cycle	Otto	Otto	
Number and position of cylinders	4 in line	4 in line	
Piston bore and stroke (mm)	72.0 x 84.0	72.0 x 84.0	
Total displacement (cm³)	1368	1368	
Compression ratio	11 ± 0.2	9.8 ± 0.2	
		LPG	PETROL
Maximum power (EEC) (kW)	70	88	88
Maximum power (EEC) (HP)	95	120	120
corresponding engine speed (rpm)	6000	5000	5000
Maximum torque (EEC) (Nm)	127	215	215
Maximum torque (EEC) (kgm)	12.9	22	22
corresponding engine speed (rpm)	4500	2500	2500
Spark plugs	NGK DCPR7E-N-10	NGK IKR9J8	
Fuel	Unleaded petrol 95 RON (EN 228 Specification)	LPG for motor vehicles	Unleaded petrol 95 RON (EN 228 Specification)

Versions	1.3 16V MultiJet	1.6 16V 105 HP MultiJet	1.6 16V 120 HP MultiJet
Type code	199B4000	199B5000	955A3000
Cycle	Diesel	Diesel	Diesel
Number and position of cylinders	4 in line	4 in line	4 in line
Piston bore and stroke (mm)	69.6 x 82.0	79.5 x 80.5	79.5 x 80.5
Total displacement (cm^3)	1248	1598	1598
Compression ratio	16.8 ± 0.4	16.5 ± 0.4	16.5 ± 0.4
Maximum power (EEC) (kW)	62	77	88
Maximum power (EEC) (HP)	85	105	120
corresponding engine speed (rpm)	3500	3750	3750
Maximum torque (EEC) (Nm)	200	320	320
Maximum torque (EEC) (kgm)	20.4	32.6	32.6
corresponding engine speed (rpm)	1500	1750	1750
Fuel	Diesel for motor vehicles (EN 590 Specification)	Diesel for motor vehicles (EN 590 Specification)	Diesel for motor vehicles (EN 590 Specification)

WHEELS

eLUM 165) 166)

RIMS AND TYRES PROVIDED

500L versions

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim / Tyre
0.9 TwinAir Turbo Natural Power	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H GoodYear	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7J x 17 H2 ET 41	225/45 R17 91H	225/45 R17 91Q (M+S)	
0.9 TwinAir Turbo 105HP	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.4 16V 95 HP	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.4 16V 120 HP	6Jx16 H2 ET 36.5	205/55 R16 91V	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91V	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim / Tyre
1.3 16V MultiJet	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.6 16V MultiJet	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

500L Trekking versions

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim / Tyre
All versions	6Jx16 H2 ET 36.5	205/55 R16 91H	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41 (*)	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

500L LIVING versions

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim / Tyre
0.9 TwinAir Turbo 105HP	6Jx15 H2 ET 39 (*)	195/65 R15 91H (*)	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.4 16V 120 HP	6Jx16 H2 ET 36.5	205/55 R16 91V	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39			
	7Jx17 H2 ET 41	225/45 R17 91V	225/45 R17 91Q (M+S)	
1.3 16V MultiJet	6Jx15 H2 ET 39 (*)	195/65 R15 91H (*)	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.6 16V MultiJet	6Jx15 H2 ET 39 (*)	195/65 R15 91H (*)	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

COLD TYRE INFLATION PRESSURE (bar)

When the tyres are warm, add +0.3 bar to the pressure value prescribed. However, recheck that the value is correct with the tyre cold. With snow tyres, add +0.2 bar to the pressure value prescribed for standard tyres.

500L versions

Tyres	Unladen/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
195/65 R15 91H	2.2	2.0	2.5	2.5	4.2
195/65 R15 91H (**)	2.4	2.4	2.8	2.9	
205/55 R16 91H	2.2	2.0	2.5	2.5	
205/55 R16 91H (**)	2.4	2.0	2.5	2.5	
205/55 R16 91H (***)	2.4	2.2	2.6	2.8	
225/45 R17 91H	2.2	2.0	2.5	2.5	
225/45 R17 91H (**)	2.4	2.0	2.5	2.5	
225/45 R17 91H (***)	2.4	2.2	2.6	2.8	

(*) For versions/markets, where provided
(**) 1.6 16V MultiJet version
(***) Trekking versions

0.9 TwinAir Turbo Natural Power versions

Tyres	Unladen/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
205/55 R16 91H GoodYear	2.6 (**)	2.4 (**)	2.6 (**)	2.8 (**)	4.2
205/55 R16 91H GoodYear	2.2 (***)	2.0 (***)	2.5 (***)	2.5 (***)	

(*) For versions/markets, where provided
(**) ECO
(***) ECO consumption is not guaranteed with comfort pressures

0.9 TwinAir Turbo Natural Power versions

Tyres	Unladen/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
195/65 R15 91H	2.4	2.4	2.8	2.8	4.2
205/55 R16 91H	2.2	2.0	2.5	2.8	
225/45 R17 91H	2.2	2.0	2.5	2.8	

(*) For versions/markets, where provided

0.9 TwinAir Turbo Natural Power versions (for specific markets)

Tyres	Unladen/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
205/55 R16 91H GoodYear	2.6 (**)	2.4 (**)	2.6 (**)	2.8 (**)	4.2
205/55 R16 91H GoodYear	2.2 (***)	2.0 (***)	2.5 (***)	2.5 (***)	

(*) For versions/markets, where provided
(**) ECO
(***) ECO consumption is not guaranteed with comfort pressures

500L LIVING versions

Tyres	Unladen/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
195/65 R15 91H	2.4	2.4	2.8	2.7 / 2.9 (**)	4.2
205/55 R16 91V	2.4	2.2	2.5 / 2.7 (**)	2.5 / 2.7 (**)	
225/45 R17 91V	2.4	2.2	2.5 / 2.7 (**)	2.5 / 2.7 (**)	

(*) For versions/markets, where provided
(**) 7-seater versions

SNOW CHAINS

Important 83)

Note Reduced-width snow chains with a maximum projection of 9 mm beyond the tyre profile can be fitted on 195/65 R15 91H and 205/55 R16 91H tyres. 225/45 R17 91H tyre cannot be fitted with snow chains.

The use of snow chains should be in compliance with local regulations of each country. In certain countries, tyres marked with code M+S (Mud and Snow) are considered as winter equipment; therefore their use is equivalent to that of the snow chains.
Snow chains can be fitted to the tyres of the front wheels (drive wheels) only.
Check the tension of the snow chains after the first few metres have been driven.
Using snow chains with tyres with non-original dimensions may damage the vehicle.
Using different size or type (M+S, snow, etc.) tyres between front and rear axle may adversely affect vehicle driveability, with the risk of losing control of the vehicle and resulting accidents.
Snow chains cannot be fitted to the space-saver wheel (for versions/markets, where provided). If a front tyre is punctured, replace a rear wheel with the space-saver wheel and move the rear wheel to the front axle. In this way, with two normal drive wheels at the front, snow chains can be fitted.

WARNING

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

166) *Do NOT fit hub caps when using integral caps fixed (with springs) to the steel rim and aftersales tyres provided with Rim Protector. Use of unsuitable tyres and hub caps may cause sudden decrease of tyre pressure.*

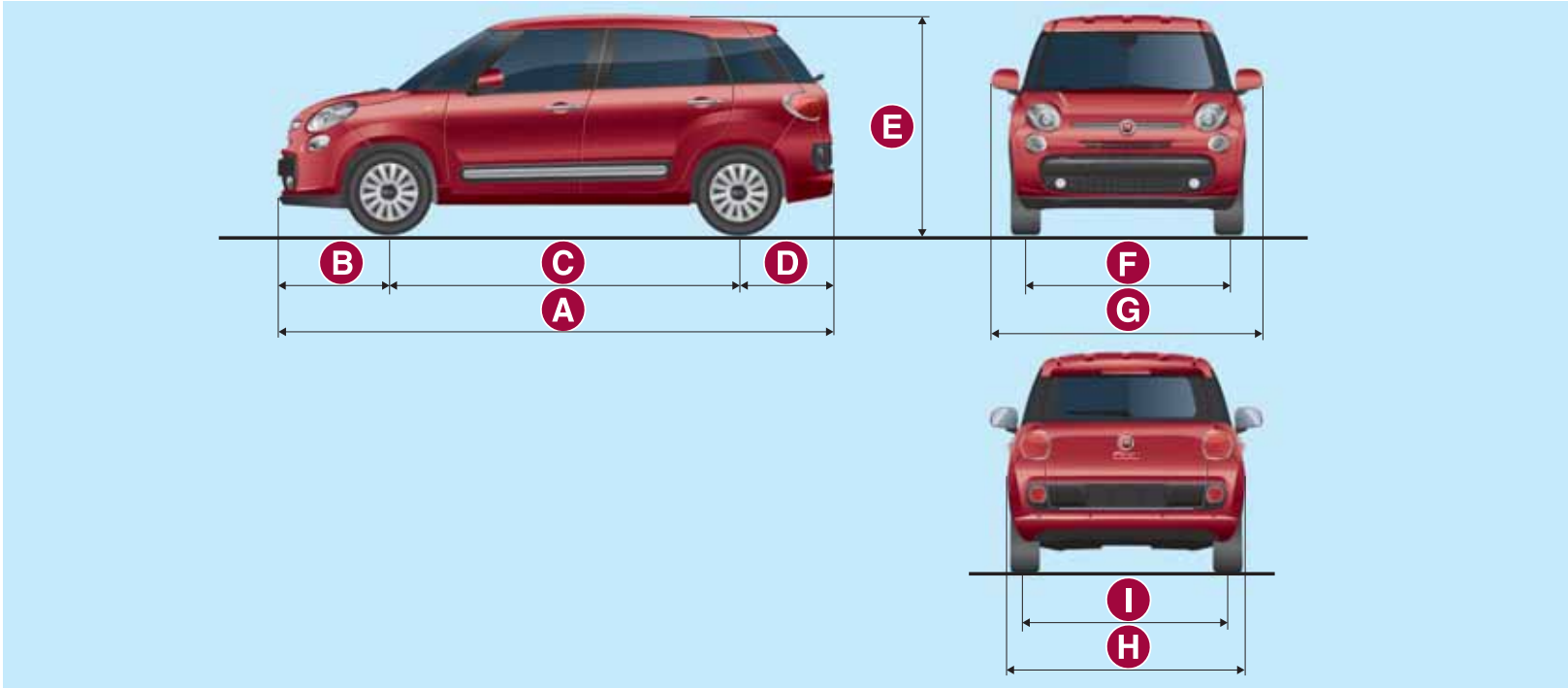
WARNING

83) *Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, steps and pavements and avoid driving for long distances on roads not covered with snow to prevent damaging the car and the road surface.*

DIMENSIONS

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

500L versions

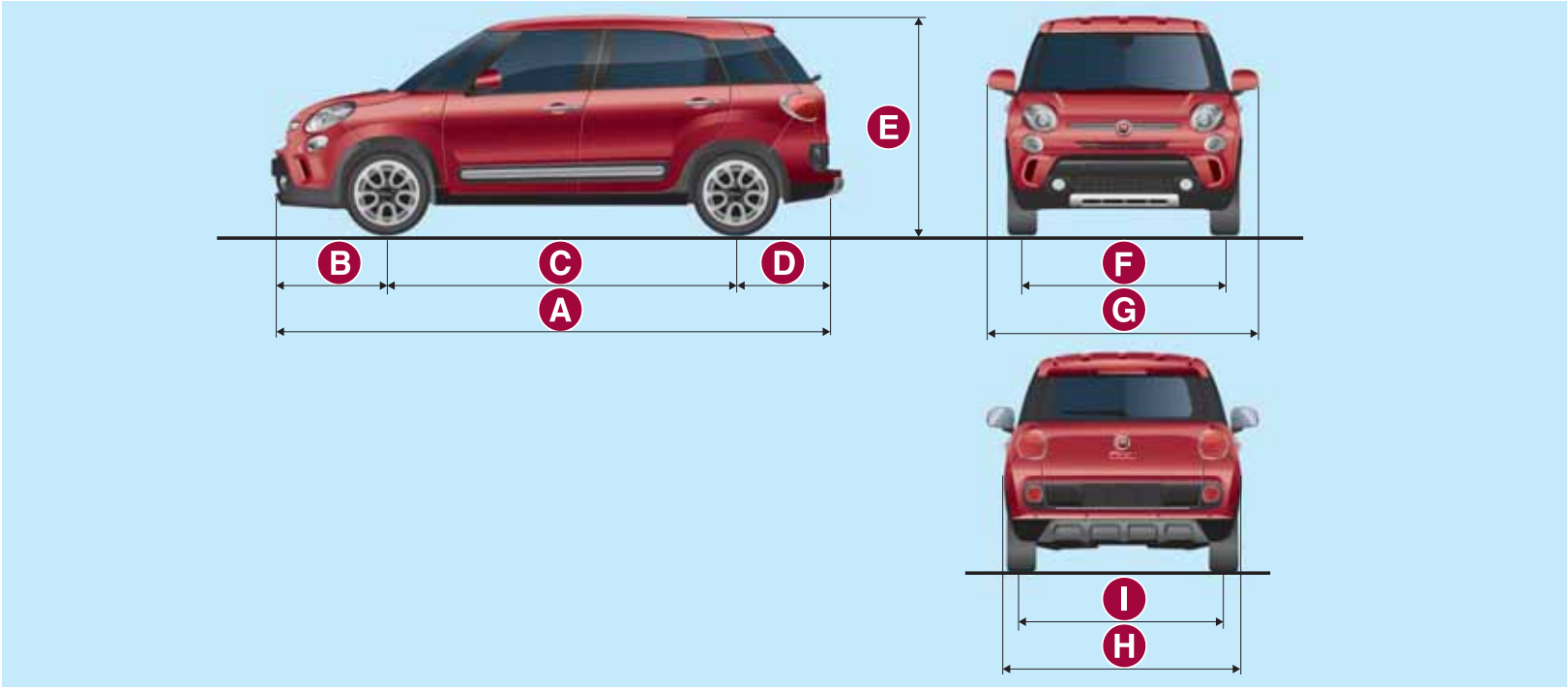


159 F0Y0214C

A	B	C	D	E	F (*)	G	H (*)	I
4147	829	2612	706	1658/1678 (**)	1522	2018	1519	1784

(*) Minor variations in size are possible depending on the dimensions of the rims.
(**) Natural Power versions.

500L Trekking versions

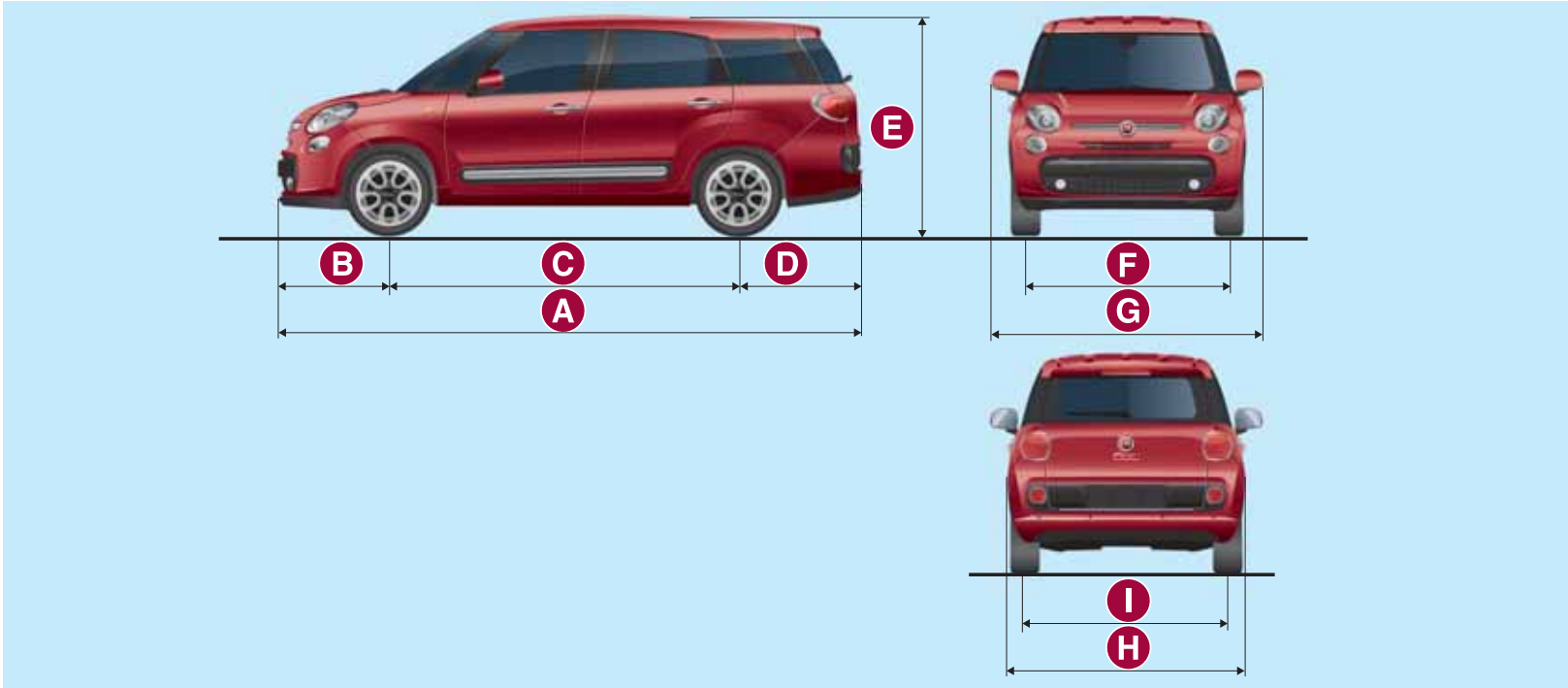


160 F0Y0334C

A	B	C	D	E	F (*)	G	H (*)	I
4270	868	2612	790	1679	1513/1522	2018	1511/1519	1800

(*) Minor variations in size are possible depending on the dimensions of the rims.

500L LIVING versions



161 F0Y0335C

A	B	C	D	E	F (*)	G	H (*)	I
4352	829	2612	911	1667	1513/1522	2018	1511/1519	1784

(*) Minor variations in size are possible depending on the dimensions of the rims.

PERFORMANCE

Top speeds after the initial period of usage of the vehicle.

500L versions

Versions	km/h
0.9 TwinAir Turbo Natural Power	167 (*) / 163 (**)
0.9 TwinAir Turbo 105 HP	180
1.4 16V 95 HP	170
1.4 16V 95 HP PRO	178
1.4 16V 120 HP	189
1.4 16V 120 HP LPG	189
1.3 16V MultiJet	165
1.3 16V MultiJet PRO	165
1.3 16V MultiJet Dualogic	164
1.6 16V 105 HP MultiJet	181
1.6 16V 105 HP MultiJet PRO	181
1.6 16V 120 HP MultiJet	189

(*) Running on petrol
(**) Running on methane

500L Trekking versions

Versions	km/h
0.9 TwinAir Turbo 105 HP	173
1.4 16V 95 HP	165
1.4 16V 120 HP	183
1.4 16V 120 HP LPG	183
1.3 16V MultiJet	160
1.3 16V MultiJet Dualogic	158
1.6 16V 105 HP MultiJet	175
1.6 16V 120 HP MultiJet	183

500L LIVING versions

Versions	km/h
0.9 TwinAir Turbo Natural Power	167 (*) / 163 (**)
0.9 TwinAir Turbo 105 HP	180
1.4 16V 120 HP	189
1.3 16V MultiJet	165
1.3 16V MultiJet Dualogic	164
1.6 16V 105 HP MultiJet	181
1.6 16V 120 HP MultiJet	189

(*) Running on petrol
(**) Running on methane

500L / 500L Trekking VERSIONS

Weights (kg)	0.9 TwinAir Turbo Natural Power	0.9 TwinAir Turbo 105 HP	1.4 16V 95 HP	1.4 16V 120 HP
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1390	1260 / 1270 (*)	1245 / 1255 (*) / 1270 (**)	1290 / 1300 (*)
Payload including the driver (***)	505	560 / 545 (*)	560 / 545 (*) / 575 (**)	560
Maximum permitted loads (****)				
– front axle:	1050	1050	1050	1050
– rear axle:	1000	1000	1000	1000
– total:	1895	1820 / 1815 (*)	1805 / 1800 (*) / 1845 (**)	1850 / 1860 (*)
Towable loads				
– braked trailer:	–	1000	1000	1000 / 0 (*****)
– non-braked trailer:	–	400	400	400 / 0 (*****)
Maximum load on roof:	60	60	60	60
Maximum load on ball joint (braked trailer):	–	60	60	60 / 0 (*****)

(*) Trekking versions

(**) PRO versions

(***) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

(*****) Version not suitable for towing trailers

Weights (kg)	1.4 16V 120 HP LPG	1.3 16V MultiJet	1.3 16V MultiJet Dualogic
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1310 / 1320 (*)	1295 / 1305 (*) / 1320 (**)	1300 / 1310 (*)
Payload including the driver (***)	560	550 / 545 (*) / 575 (**)	560 / 545 (*)
Maximum permitted loads (****)			
– front axle:	1050	1050	1050
– rear axle:	1000	1000	1000
– total:	1870 / 1880 (*)	1845 / 1850 (*) / 1895 (**)	1850 / 1855 (*)
Towable loads			
– braked trailer:	1000 / 0 (****)	1000	1000
– non-braked trailer:	400 / 0 (****)	400	400
Maximum load on roof:	60	60	60
Maximum load on ball joint (braked trailer):	60 / 0 (****)	60	60

(*) Trekking versions

(**) PRO versions

(***) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(****) Version not suitable for towing trailers

Weights (kg)	1.6 16V 105 HP MultiJet	1.6 16V 120 HP MultiJet
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1365 / 1375 (*) / 1365 (**)	1370 / 1380 (*)
Payload including the driver (***)	560 / 550 (*) / 575 (**)	550
Maximum permitted loads (****)		
– front axle:	1050	1050
– rear axle:	1000	1000
– total:	1925 / 1940 (**)	1920 / 1930 (*)
Towable loads		
– braked trailer:	1100	1100
– non-braked trailer:	400	400
Maximum load on roof:	60	60
Maximum load on ball joint (braked trailer):	60	60

(*) Trekking versions

(**) PRO versions

(***) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

500L LIVING VERSIONS

Weights (kg)	0.9 TwinAir Turbo Natural Power	0.9 TwinAir Turbo 105 HP		1.4 16V 120 HP	
		5-seater versions	7-seater versions	5-seater versions	7-seater versions
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1420	1290	1320	1320	1350
Payload including the driver (*)	500	515	645	560	560
Maximum permitted loads (**)					
– front axle:	1050	1050	1050	1050	1050
– rear axle:	1000	1000	1080	1000	1000
– total:	1920	1805	1965	1880	1920
Towable loads					
– braked trailer:	–	1000	1000	1000 / 0 (***)	1000 / 0 (***)
– non-braked trailer:	–	400	400	400 / 0 (***)	400 / 0 (***)
Maximum load on roof:	60	60	60	60	60
Maximum load on ball joint (braked trailer):	–	60	60	60	60

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

(***) Version not suitable for towing trailers

Versions	1.3 16V MultiJet		1.3 16V MultiJet Dualogic	
	5-seater versions	7-seater versions	5-seater versions	7-seater versions
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1315	1305	1320	1310
Payload including the driver (*)	550	715	550	715
Maximum permitted loads (**)				
– front axle:	1050	1050	1050	1050
– rear axle:	1000	1080	1000	1080
– total:	1865	2020	1870	2025
Towable loads:				
– braked trailer:	1000	1000	1000	1000
– non-braked trailer:	400	400	400	400
Maximum load on roof:	60	60	60	60
Maximum load on ball joint (braked trailer):	60	60	60	60

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

Versions	1.6 16V 105 HP MultiJet		1.6 16V 120 HP MultiJet	
	5-seater versions	7-seater versions	5-seater versions	7-seater versions
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1395	1425	1400	1430
Payload including the driver (*)	520	650	540	645
Maximum permitted loads (**)				
– front axle:	1050	1050	1050	1050
– rear axle:	1000	1080	1000	1080
– total:	1915	2075	1940	2075
Towable loads:				
– braked trailer:	1100	1100	1100	1100
– non-braked trailer:	400	400	400	400
Maximum load on roof:	60	60	60	60
Maximum load on ball joint (braked trailer):	60	60	60	60

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

	0.9 TwinAir Turbo	1.4 16V 95 HP	1.4 16V 120 HP	Prescribed fuels and original lubricants
Fuel tank (litres)	50	50	50	Unleaded petrol not less than 95 RON (EN 228 specification)
including a reserve of (litres)	6 ÷ 8	6 ÷ 8	6 ÷ 8	
Engine cooling system (litres)	5.3 / 5.5 (*)	4.5	5.2 / 5.5 (**)	Mixture of distilled water and 50% PARAFLU UP (***)
Engine sump (litres)	2.8	2.8	2.75	SELENIA DIGITEK P.E. (0.9 TwinAir Turbo version) SELENIA K P.E. (1.4 16V 95 HP and 1.4 16V 120 HP)
Engine sump and filter (litres)	3.3	2.95	3.1	
Gearbox casing/ differential (litres)	1.76	1.76	2.0	TUTELA TRANSMISSION TECHNYX (0.9 TwinAir Turbo and 1.4 16V 95 HP version) / TUTELA TRANSMISSION GEARFORCE (1.4 16V 120 HP version)
Hydraulic brake circuit (kg)	0.5	0.5	0.5	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir (litres)	2.9	2.9	2.9	Mixture of water and TUTELA PROFESSIONAL SC35

(*) Natural Power versions

(**) LPG versions

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

	1.3 16V MultiJet	1.6 16V MultiJet	Prescribed fuels and original lubricants
Fuel tank (litres)	50	50	Diesel for motor vehicles (EN 590 Specification)
including a reserve of (litres)	6 ÷ 8	6 ÷ 8	
Engine cooling system (litres)	5.9	6.35	Mixture of distilled water and 50% PARAFLU UP (*)
Engine sump (litres)	3.0	4.3	SELENIA WR P.E.
Engine sump and filter (litres)	3.2	4.75	
Gearbox casing/differential (litres)	2.0	2.0	TUTELA TRANSMISSION TECHNYX (1.3 16V MultiJet versions) TUTELA TRANSMISSION GEARFORCE (1.6 16V MultiJet versions)
Dualogic gearbox hydraulic activation system (litres)	0.7	–	TUTELA CS SPEED
Hydraulic brake circuit (kg)	0.5	0.5	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir (litres)	2.9	2.9	Mixture of water and TUTELA PROFESSIONAL SC35

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

FLUIDS AND LUBRICANTS

Your vehicle is equipped with an engine oil that has been thoroughly developed and tested in order to meet the requirements of the Scheduled Servicing Plan. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.

84)

Use	Fluid and lubricant features for a correct use of the vehicle	Original fluids and lubricants	Replacement interval
Lubricant for petrol engines (0.9 TwinAir Turbo 105 HP version)	SAE 0W-30 ACEA C2 grade totally synthetic lubricant. FIAT 9.55535-GS1 classification.	**SELENIA DIGITEK P.E.** Contractual Technical Reference no. F020.B12	According to the Scheduled Servicing Plan
Lubricant for petrol engines (1.4 16V version)	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT Classification 9.55535-S2.	**SELENIA K P.E.** Contractual Technical Reference No. F603.C07	According to the Scheduled Servicing Plan
Lubricant for petrol/methane and petrol/LPG engines	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT 9.55535-T2 classification.	**SELENIA MULTIPOWER GAS 5W-40** Contractual Technical Reference No. F922.E09	According to the Scheduled Servicing Plan
Lubricant for diesel engines	SAE 5W-30 ACEA C2 grade totally synthetic lubricant. FIAT Classification 9.55535-S1.	**SELENIA WR P.E.** Contractual Technical Reference No. F510.D07	According to the Scheduled Servicing Plan

In the case of emergency, if lubricants with the prescribed specifications are not available, products with the minimum indicated ACEA performance can be used for topping up; in this case optimal performance of the engine is not guaranteed.
For 0.9 TwinAir Turbo 105 HP engines only use lubricants with indicated SAE grade and specifications.

WARNING

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

Use	Fluid and lubricant features for a correct use of the vehicle	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission	SAE 75W API GL4 grade synthetic lubricant. FIAT 9.55550-MZ6 classification	**TUTELA TRANSMISSION GEARFORCE** Contractual Technical Reference no. F002.F10	Manual gearbox and differential (0.9 TwinAir Turbo Natural Power / 1.4 16V 120 HP / 1.6 16V 105/ 120 HP MultiJet versions)
	SAE 75W-85 API GL4 plus grade synthetic lubricant. FIAT 9.55550-MX3 Classification	**TUTELA TRANSMISSION TECHNYX** Contractual Technical Reference No. F010.B05	Manual gearbox and differential (0.9 TwinAir Turbo 105 HP / 1.4 16V 95 HP / 1.3 16V MultiJet versions)
	Fully synthetic lubricant with dedicated additive. FIAT 9.55550-SA1 classification.	**TUTELA CS SPEED** Contractual Technical Reference No. F005.F98	Dualogic gearbox hydraulic activation system
	Molybdenum disulphide grease, for use at high temperatures. NL.G.I. 1-2 consistency FIAT 9.55580 classification	**TUTELA ALL STAR** Contractual Technical Reference No. F702.G07	Wheel side constant velocity joints
	Grease for constant velocity joints with low friction coefficient. NL.G.I. 0-1 consistency FIAT 9.55580 classification	**TUTELA STAR 700** Contractual Technical Reference No. F701.C07	Differential-side constant velocity joints
Brake fluid	Synthetic fluid for brake and clutch systems. Exceeds specifications: FMVSS no. 116 DOT 4, ISO 4925 SAE J1704. FIAT 9.55597 classification	**TUTELA TOP 4** Contractual Technical Reference No. F001.A93	Hydraulic brakes and hydraulic clutch controls

Use	Fluid and lubricant features for a correct use of the vehicle	Original fluids and lubricants	Applications
Protective agent for radiators	Red protective agent with antifreeze action, based on inhibited monoethylene glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications. FIAT 9.55523 classification	**PARAFLU^{UP}** (*) Contractual Technical Reference No. F101.M01	Cooling circuit usage percentage: 50% water 50% PARAFLU^{UP} (**)
Diesel fuel additive	Additive for diesel with antifreeze and protective action for diesel engines	**TUTELA DIESEL ART** Contractual Technical Reference No. F601.L06	To be mixed with diesel (25 cc per 10 litres)
Windscreen/rear window washer fluid	Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications. FIAT 9.55522 classification	**TUTELA PROFESSIONAL SC 35** Contractual Technical Reference No. F201.D02	To be used diluted or undiluted in windscreen washer/wiper systems

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

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

FUEL CONSUMPTION

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

IMPORTANT The type of route, traffic conditions, weather conditions, driving style, general condition of the vehicle, trim level/equipment/accessories, use of the climate control system, vehicle load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured. The fuel consumption will get more regular only after having driven the first 3000 km.

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

500L versions

Versions	Urban	Extra-urban	Combined
0.9 TwinAir Turbo Natural Power	6.4 / 6.5 (O)	4.6	5.3
0.9 TwinAir Turbo 105 HP (*)	5.7 / 5.6 (**)	4.3 / 4.2 (**)	4.8 / 4.7 (**)
1.4 16V 95 HP / **1.4 16V 95 HP PRO**	8.3 / 8.1 (**)	5.0	6.2 / 6.1 (**)
1.4 16V 120 HP	9.1 / 8.2 (**)	5.6 / 5.1 (**)	6.9 / 6.2 (**)
1.4 16V 120 HP LPG	9.1 (***) / 11.7 (****)	5.6 (***) / 7.2 (****)	6.9 (***) / 8.9 (****)
1.3 16V MultiJet / **1.3 16V MultiJet PRO**	5.0	3.7	4.2
1.3 16V MultiJet Dualogic	4.5	3.7	4.0
1.6 16V 105 HP MultiJet / **1.6 16V 105 HP MultiJet PRO**	5.4 / 5.3 (**)	3.9 / 3.8 (**)	4.5 / 4.4 (**)
1.6 16V 120 HP MultiJet	5.5 / 5.4 (***)	4.0 / 3.9 (***)	4.6 / 4.5 (***)

(O) Running on methane
(*) Type-approval test starting in 2nd gear
(**) For specific markets
(***) Versions where only one tyre type (205/55 R16 91H) can be fitted and for special markets
(****) Running on LPG

The fuel consumption figures for Dualogic versions refer to the AUTO-ECO mode.

500L Trekking versions

Versions	Urban	Extra-urban	Combined
0.9 TwinAir Turbo 105 HP (*)	6.0 / 5.8 (**)	4.6 / 4.5 (**)	5.1 / 5.0 (**)
1.4 16V 95 HP	8.4	5.3	6.4
1.4 16V 120 HP	9.3	5.7	7.0
1.4 16V 120 HP LPG	9.3 (***) / 12.1 (****)	5.7 (***) / 7.4 (****)	7.0 (***) / 9.1 (****)
1.3 16V MultiJet	5.2	3.8	4.3
1.3 16V MultiJet Dualogic	4.7	3.9	4.2
1.6 16V MultiJet 105 HP	5.6 / 5.5 (**)	4.1 / 4.0 (**)	4.7 / 4.6 (**)
1.6 16V 120 HP MultiJet	5.8	4.2	4.8

(*) Type-approval test starting in 2nd gear
(**) For specific markets
(***) Running on petrol
(****) Running on LPG

The fuel consumption figures for Dualogic versions refer to the AUTO-ECO mode.

500L LIVING versions

Versions	Urban	Extra-urban	Combined
0.9 TwinAir Turbo Natural Power	7.2	5.2	5.9
0.9 TwinAir Turbo 105 HP (*)	5.7 / 5.6 (**)	4.3 / 4.2 (**)	4.8 / 4.7 (**)
1.4 16V 120 HP	9.1 (***) / 9.3 (****)	5.6 (***) / 5.7 (****)	6.9 (***) / 7.0 (****)
1.3 16V MultiJet	5.0	3.7	4.2
1.3 16V MultiJet Dualogic	4.5	3.7	4.0
1.6 16V 105 HP MultiJet	5.4	3.9	4.5
1.6 16V 120 HP MultiJet	5.5	4.0	4.6

(*) Type-approval test starting in 2nd gear
(**) For specific markets
(***) 5-seater versions
(****) 7-seater versions

The fuel consumption figures for Dualogic versions refer to the AUTO-ECO mode.

CO_2 EMISSIONS

The CO_2 emission levels given in the following tables refer to combined consumption.

500L versions

Versions	CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir Turbo Natural Power	122 (*) / 95 (**)
0.9 TwinAir Turbo 105 HP	112 / 109 (***)
1.4 16V 95 HP / **1.4 16V 95 HP PRO**	145 / 143 (***)
1.4 16V 120 HP	159 / 145 (***)
1.4 16V 120 HP LPG	159 (*) / 144 (**)
1.3 16V MultiJet / **1.3 16V MultiJet PRO**	110
1.3 16V MultiJet Dualogic	105
1.6 16V MultiJet 105 HP / **1.6 16V MultiJet 105 HP PRO**	117 / 114 (***)
1.6 16V MultiJet 120 HP	120 / 117 (****)

(*) Running on petrol
(**) Running on LPG
(***) For specific markets
(****) Versions where only one tyre type (205/55 R16 91H) can be fitted and for special markets

500L Trekking versions

Versions	CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir Turbo 105 HP	119 / 116 (*)
1.4 16V 95 HP	149
1.4 16V 120 HP	163 / 145 (*)
1.4 16V 120 HP LPG	163 (**) / 148 (***)
1.3 16V MultiJet	114
1.3 16V MultiJet Dualogic	109
1.6 16V MultiJet 105 HP	122 / 119 (*)
1.6 16V MultiJet 120 HP	125

(*) For specific markets
(**) Running on petrol
(***) Running on LPG

500L LIVING versions

Versions	CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir Turbo Natural Power	137 (*) / 105 (**)
0.9 TwinAir Turbo 105 HP	112 / 109 (***)
1.4 16V 120 HP	159 (****) / 163 (*****)
1.4 16V 120 HP	145 (***)
1.3 16V MultiJet	110
1.3 16V MultiJet Dualogic	105
1.6 16V MultiJet 105 HP	117
1.6 16V MultiJet 120 HP	120

(*) Running on petrol
(**) Running on methane
(***) For specific markets
(****) 5-seater versions
(*****) 7-seater versions

PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE

FCA has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly "eco-compatible". To grant customers the best possible service in terms of respecting environmental laws and in response to European Directive 2000/53/EC governing vehicles at the end of their life, FCA is offering its customers the chance to hand over their vehicle at the end of its life without incurring any additional costs. The European Directive sets out that when the vehicle is handed over, the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value.
To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-authorised collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.
You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.

MULTIMEDIA

eLUM

This chapter describes the main functions of the infotainment systems for the **Uconnect**™ *5" Radio, or* **Uconnect**™ *5" Radio Nav that can be fitted on the vehicle.*

TIPS, CONTROLS AND GENERAL INFORMATION.....194

UCONNECT 5" RADIO/UCONNECT 5" RADIO NAV 196

TIPS, CONTROLS AND GENERAL INFORMATION

ROAD SAFETY

167) 168)

Learn how to use the various system functions before setting off.
Read the instructions for the system carefully before setting off.

RECEPTION CONDITIONS

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, especially when you are far away from the broadcaster.

IMPORTANT The volume may be increased when receiving traffic information and news.

CARE AND MAINTENANCE

85) 86)

Observe the following precautions to ensure the system is fully operational:

❒ the display lens should not come into contact with pointed or rigid objects which could damage its surface; use a soft, dry anti-static cloth to clean and do not press.

❒ never use alcohol, petrols and derivatives to clean the display lens.

❒ prevent any liquid from entering the system: this could damage it beyond repair.

ANTI-THEFT PROTECTION

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle.
This guarantees maximum safety and prevents the secret code from being entered after the power supply has been disconnected.
If the check has a positive outcome, the system will start to operate, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the system will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

When the system is switched on, if the code is requested, the display will show "Please enter Anti-Theft Code" followed by the screen showing a keypad to enter the secret code.

The secret code is made up of four digits, from 0 to 9: to insert the first digit of the code, turn the BROWSE/ENTER right knob and press to confirm.
After entering the fourth digit, the system begins operating.
If an incorrect code is entered, the system displays "Incorrect Code" to notify the user of the need to enter the correct code.
After the 3 available attempts to enter the code, the system displays "Incorrect Code. Radio locked. Wait for 30 minutes". Once the text has disappeared you can start the code entering procedure again.

Vehicle radio passport

This document certifies ownership of the system. The vehicle radio passport shows the system model, serial number and secret code.
In the case of loss of the vehicle radio passport, contact the Fiat Dealership, taking an ID document and the vehicle ownership documents.

IMPORTANT Keep the vehicle radio passport in a safe place so that you can give the information to the relevant authorities if the system is stolen.

IMPORTANT

In the event of a fault, the system must only be checked and repaired by a Fiat Dealership.
If the temperature is particularly low, the display may take a while to reach optimum brightness.
If the vehicle is stopped for a while and the external temperature is very high, the system may go into “thermal protection” mode, suspending operation until the radio temperature returns to acceptable levels.
Look at the screen only when it is necessary and safe. If you need to look at the screen for a long time, pull over to a safe place so as not to be distracted while driving.

Immediately stop using the system in the event of a fault. Otherwise the system might be damaged. Contact a Fiat Dealership as soon as possible to have the system repaired.

WARNING

167) *Follow the safety rules below; otherwise serious injuries may occur to the occupants or the system may be damaged.*

168) *If the volume is too loud this can be dangerous. Adjust the volume so that you can still hear background noises (e.g. horns, ambulances, police vehicles, etc.).*

WARNING

85) *Only clean the front panel and the display with a soft, clean, dry, anti-static cloth. Cleaning and polishing products may damage the surface. Do not use alcohol or similar products to clean the panel or the display.*

86) *Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.*

Uconnect 5" Radio/Uconnect 5" Radio Nav

QUICK GUIDE

Controls on front panel

162 F0Y0711C

Front panel control summary table

Button	Functions	Mode
1 - ⏻	Switching on/off	Brief button press
	Volume adjustment	Left/right rotation of knob
2 - 🔇	Volume activation/deactivation (Mute/Pause)	Brief button press
3 - ⏏	CD ejection	Brief button press
4	CD housing	–
5 - ☀	Display on/off	Brief button press
6 - ↩	Exit the selection/return to previous screen	Brief button press
7 - BROWSE ENTER	Scrolling the list or tuning to a radio station	Left/right rotation of knob
	Confirmation of the option displayed	Brief button press
8 - MORE	Access to additional functions: Time displaying, Trip Computer, eco:Drive function data, Compass, External temperature, Settings	Brief button press
9 - PHONE	Phone data display	Brief button press
10 - SETTINGS (Uconnect 5" Radio versions)	Access to the Vehicle Settings menu	Brief button press
10 - NAV (Uconnect 5" Radio Nav versions)	Access to the Navigation menu	Brief button press
11 - MEDIA	Source selection: CD, USB/iPod, AUX or **Bluetooth®**	Brief button press
12 - RADIO	Access to the Radio mode	Brief button press

STEERING WHEEL CONTROLS

The controls for the main system functions are present on the steering wheel fig. 163 to make control easier.

The activation of the function selected is controlled, in some cases, by how long the button is pressed (short or long press) as described in the table below.

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Steering wheel control summary table

Button	Interaction (pressure/rotation)
	❒ Acceptance of the second incoming call and putting the active call on hold ❒ Activation of voice recognition for Phone function ❒ Interruption of the voice message in order to give a new voice command ❒ Interruption of voice recognition
	❒ Reject incoming phone call/end phone call in progress
	Pressing the centre of the left wheel: ❒ deactivation/reactivation of the microphone during a phone conversation ❒ activation/deactivation of the CD, USB/iPod, **Bluetooth**® sources Pause ❒ activation/deactivation of radio Mute function
+/–	❒ Turning wheel upwards or downwards: adjust audio volume: hands-free, SMS message reader, voice announcements and music sources. ❒ Short press on the wheel: volume increase/decrease by small steps / Long press: volume continuous increase/decrease until release
	❒ Scroll through stored radio stations (presets)
	❒ Activation of voice recognition ❒ Interruption of the voice message in order to give a new voice command ❒ Interruption of voice recognition
	Turning wheel upwards or downwards: ❒ Short press (Radio mode): selection of next/previous station ❒ Long press (Radio mode): scan higher/lower frequencies until released ❒ Short press (CD, USB/iPod, **Bluetooth**® mode): selection of previous/next track ❒ Long press (CD, USB/iPod, **Bluetooth**® mode): fast forward/rewind until released
SRC	Pressing the right wheel in the centre: selection of audio sources available: Radio, CD, USB/iPod, AUX and **Bluetooth**®

"TOUCH SCREEN" FUNCTION

The system uses the "touch screen" function; to interact with the different functions, press the "graphic buttons" displayed.
Confirmation of a selection: press the "OK" button.
Going back to the previous screen: press the ⌫ (Delete) button or, depending on the activated screen, ⬅ /Done.

USB/iPod/AUX SUPPORT

The vehicle has a USB/AUX port located in the centre tunnel.

RADIO MODE

After the desired radio station is selected on the display (see fig. 164), the following information is shown:

164 F0Y1000C

At the top: the list of radio stations stored (preset) is displayed; the station being listened to is highlighted.
In the middle: display of the name of the current radio station and the buttons (⏮ / ⏭) for selecting the previous or next radio station.
At the bottom: display of the following buttons:

❒ "Browse": list of the radio stations available;

❒ "AM/FM", "AM/DAB", "FM/DAB": selection of the desired frequency band (button reconfigurable according to the band selected: AM, FM or DAB);

❒ "Tune" : manual radio station tuning (not available for DAB radios);

❒ "Info": additional information on the source being listened to;

❒ "Audio": access to the "Audio setting" screen.

Audio menu

The following adjustments can be carried out using the "Audio" menu:

❒ "Equalizer" (for versions/markets, where provided);

❒ "Balance/Fade" (left/right and front/rear balance adjustment);

❒ "Volume/Speed" (excluding versions with Hi-Fi system) speed-dependent automatic volume adjustment;

❒ "Loudness" (for versions/markets, where provided);

❒ "Auto-On Radio";

❒ "Radio Off Delay".

MEDIA MODE

With Media mode active, briefly press the ⏮ / ⏭ buttons to play the previous/next track or keep the ⏮ / ⏭ buttons pressed to fast rewind/ forward the track.

Track selection (Browse)

NOTE For languages not supported by the system which feature special characters (e.g. Greek), the keyboard is not available. In these cases this function will be limited.

Bluetooth® SOURCE

Pairing an audio device Bluetooth®

To pair a **Bluetooth**® audio device, proceed as follows:

❒ activate the **Bluetooth**® function on the device;

❒ press the MEDIA button on the front panel;

❒ if the "Media" source is active, press the "Source" button;

❒ select the **Bluetooth**® Media source;

❒ press the "Add Device" button;

❒ search for **Uconnect™** on the **Bluetooth®** audio device (during the pairing stage a screen is displayed showing the progress of the operation);

❒ when requested by the audio device, enter the PIN code shown on the system display or confirm on the device the PIN displayed;

❒ if the pairing procedure is completed successfully, a screen is displayed. Answer "Yes" to the question to pair the **Bluetooth®** audio device as favourite (the device will have priority over all other devices to be paired subsequently). If "No" is selected, the priority is determined according to the order of pairing. The last device connected will have the highest priority;

❒ an audio device can also be paired by pressing the PHONE button on the front panel and by selecting "Settings" or, from the "Settings" menu, selecting "Phone/Bluetooth".

IMPORTANT If the **Bluetooth®** connection between mobile phone and system is lost, consult the mobile phone owner's handbook.

PHONE MODE

Phone mode activation: press the PHONE button on the front panel.
The buttons on the display can be used to:

❒ compose the phone number (using the graphic keypad on the display);

❒ display and call the contacts on the mobile phone phonebook;

❒ display and call contacts from the registers of previous calls;

❒ pair up to 10 phones/audio devices to make access and connection easier and quicker;

❒ transfer calls from the system to the mobile phone and vice versa and deactivate the microphone audio for private conversations.
The mobile phone audio is transmitted through the car's audio system; the system automatically mutes the radio when the Phone function is used.

Pairing a mobile phone

Proceed as follows:

❒ activate the **Bluetooth** ® function on the mobile phone;

❒ press the PHONE button (9-fig. 1) on the front panel;

❒ if no phone is paired with the system yet, the display shows a dedicated screen;

❒ select "Yes" to start the pairing procedure then search for the **uconnect™** device on the mobile phone (if "No" is selected, the Phone main screen is displayed);

❒ when prompted by the mobile phone, use its keyboard to enter the PIN code shown on the system display or confirm on the mobile phone the PIN displayed;

❒ from the "Phone" screen you can always pair a mobile phone pressing the "Settings" button: press the "Add Device" button and proceed as described above;

❒ during the pairing stage a screen is displayed showing the progress of the operation;

❒ when the pairing procedure is completed successfully, a screen is displayed: answer "Yes" to the question to pair the mobile phone as favourite (the mobile phone will have priority over all other mobile phones that will be paired subsequently). If no other devices are paired, the system will consider the first associated device as favourite.
Proceed as follows:

❒ activate the **Bluetooth®** function on the mobile phone;

❒ press the PHONE button on the front panel;

❒ if no phone is paired with the system yet, the display shows a dedicated screen;

❒ select "Yes" to start the pairing procedure, then search for the **Uconnect™** device on the mobile phone (if "No" is selected, the Phone main screen is displayed);

❒ when prompted by the mobile phone, use its keypad to enter the PIN code shown on the system display or confirm on the mobile phone the PIN displayed;

❒ from the "Phone" screen you can always pair a mobile phone by pressing the "Settings" button: press the "Add Device" button and proceed as described above;

❒ during the pairing stage a screen is displayed showing the progress of the operation;

❒ when the pairing procedure is completed successfully, a screen is displayed: answer "Yes" to the question to pair the mobile phone as favourite (the mobile phone will have priority over all other mobile phones to be paired subsequently). If no other devices are paired, the system will consider the first associated device as favourite.

Making a phone call

A call can be made by:

❒ selecting the icon (mobile phone phonebook);

❒ selecting "Recent Calls";

❒ selecting the icon;

❒ pressing the "Redial" button.

NOTE The operations described above can only be accessed if supported by the mobile phone in use.

SMS reader

The system can read the messages received by the mobile phone.
To use this function the mobile phone must support the SMS exchange function via **Bluetooth** ®.
If this function is not supported by the phone, the corresponding button is deactivated (greyed out).
When a text message is received, the display will show a screen where the options "Listen", "Call" or "Ignore" can be selected.
Press the button to access the list of SMS messages received by the mobile phone (the list displays a maximum of 60 messages received).

"MORE" MODE

"Settings" menu display

Versions with Uconnect 5" Radio: press the SETTINGS button on the front panel.
Versions with Uconnect 5" Radio Nav: press the "Settings" button on the display.
The menu comprises the following options:

❒ Display;

❒ Time & Date;

❒ Safety/Assistance (for versions/ markets, where provided);

❒ Lights (for versions/markets where provided);

❒ Doors & Locks;

❒ Audio;

❒ Phone / Bluetooth;

❒ Radio;

❒ Restore Default Settings.

NAVIGATION MODE

(Uconnect 5" Radio Nav versions only)

Programming a route

IMPORTANT In the interest of safety and to reduce distractions while you are driving, you should always plan a route before you start driving.

To plan a route, do the following:

❒ tap the screen to display the Main menu;

❒ select "Navigate to" or "Drive to";

❒ select "Address": you can change the country or state setting by tapping the flag before you select a city;

❒ enter the town or city name, or the postcode. Towns with similar names are shown in the list while you type;
Tip: Tap the arrow to the right of the list to expand the list of suggested towns. When the correct city or town appears in the list, tap the name to select the destination.

❒ enter the street name. Streets with similar names are shown in the list while you type. When the correct street name appears in the list, tap the name to select the destination;

❒ enter the house number, then tap "Done";

❒ the location is shown on the map. Tap "Select" to continue or tap "Back" to enter another address;
Tip: If you want your final destination to be a car park, tap "Car park" and select a location from the list of car parks close to your general destination.

❒ when the new route is shown, tap "Done". For more information about the route, tap "Details". To change your route, for example, to travel via a particular location or to select a new destination, tap "Change route". You are guided to your destination, using spoken instructions and on-screen directions.

MAP UPDATE

(Uconnect 5" Radio Nav versions only)

The map can be updated in two different ways:

❒ *most recent maps guarantee*: if a new map is available for your system within 90 day of initial use, it can be downloaded once free of charge.

❒ *map update*: it is possible to purchase a new version of the map installed on your system.

Preparing a USB device

To update the map, a USB device that meets the following requirements must be used:

❒ ideally, the USB device should be empty;

❒ the USB device must have at least 8 GB of memory free;

❒ the USB must use a FAT-32 file system;

❒ the USB device must not be blocked and must allow files to be saved.
NOTE The use of a memory stick is recommended, while the use of mass storage devices, such as mobile phones or multimedia players, is not recommended.
To prepare a USB device, proceed as follows:

❒ ensure that the map you wish to update is active in the navigation system. If the navigation system has several maps and you wish to update a map which is not currently active, activate the map. To do this, select "Change map" in the "Settings" menu of the navigation application;

❒ select "Navigation updates" in the "Settings" menu. You are asked whether you wish to prepare a USB device for downloading updates;

❒ select "Yes";

❒ insert the USB device.
The system starts to prepare the USB device.
When the USB device is ready, the display shows a dedicated message. Remove the USB device and connect it to the computer. The new map can now be downloaded to the USB device.

TomTom HOME installation

To install TomTom HOME and create a MyTomTom account, proceed as follows:

❒ download and install the TomTom HOME application on the computer. On the computer, access www.tomtom.com/getstarted. Select "Download TomTom HOME", then follow the instructions provided.

❒ connect the prepared USB device to the computer: TomTom HOME is launched automatically.

❒ select "Enter" in the top right corner of TomTom HOME;

❒ select "Create account" and enter the required details to create a MyTomTom account. A MyTomTom account is required to receive map updates.
After the account is created, you are asked whether you wish to connect the **Uconnect™** system to your account.
The USB device prepared represents the **Uconnect™** system.

❒ select "Connect device", then select "Close".
A map can now be downloaded to the USB device.

Download the map

To check whether you are entitled to download a free map update using the Most Recent Maps Guarantee, select "Tools", "Use most recent maps guarantee" in TomTom HOME.
To purchase a map update, select "Purchase maps" in TomTom HOME.
If an update has already been purchased, select "Update device" in TomTom HOME.

Downloading a map

If a map update is available for the system, this update is included in the list of updates available.
NOTE If the most recent map is already installed on the system, the update is not proposed.
Select the map that you wish to download, then select "Update and install". The map is downloaded and copied to the USB device.
Select "Done" when the process is complete.
NOTE Don’t disconnect the USB device from the computer while map downloading and copying is in progress.
The map can now be installed on the system.

Installing the map

NOTES

❒ The update must be carried out with engine on and might last more than 30 minutes.

❒ Never remove the USB stick in order not do jeopardize the map update.

After downloading a map to the USB device, it can be installed on the system.
Proceed as follows:

❒ insert the USB device containing the new map in the **Uconnect™** system.
The system detects a new map on the USB device;

❒ select "Start": the system starts updating the map.
NOTE Do not remove the USB device and do not disconnect the system’s power supply before the update is complete. The system cannot be used until the update is completed correctly.
If the system update is interrupted, start it again.
Once the map has been updated, the display shows a dedicated message: select "Close". The new map is now available on the system.

Troubleshooting

The following problems may occur during the update:

❒ the map on the USB device is not valid. In this case, download the map to the USB device again, using TomTom HOME. It may be necessary to prepare the USB device again;

❒ the version of the map on the USB device is the same as or is a previous version of the one already on the system. If this occurs, download the map to the USB device again, using TomTom HOME. It may be necessary to prepare the USB device again.

VOICE COMMANDS

NOTE For languages not supported by the system, voice commands are not available.
To use the voice commands, press the button ("Voice" button) or ("Phone" button) on the controls of the steering wheel and give the command you want to activate, out loud.

Phone functions

The button activates the following functions:

❒ Call
❒ Dial
❒ Redial
❒ Call back
❒ Last calls
❒ Outgoing calls
❒ Missed calls
❒ Incoming calls
❒ Phonebook
❒ Search
❒ Show SMS

Radio functions

The button activates the following functions:

❒ Tune to XXX-FM
❒ Tune to XXX AM
❒ Tune to Radio XXX
❒ Tune to DAB channel

Media Functions

The button activates the following functions:

❒ Play song...
❒ Play album…
❒ Play artist…
❒ Play genre…
❒ Play playlist…
❒ Play podcast…
❒ Play audiobook…
❒ Play track number…
❒ Select the media
❒ Display

Navigation functions
(Uconnect 5" Radio Nav versions only)

The button activates the following functions:

❒ Drive Home
❒ 2D view
❒ 3D view
❒ Clear route
❒ Add Favourite
❒ Repeat instruction

page intentionally left blank

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

I F0Y0185C

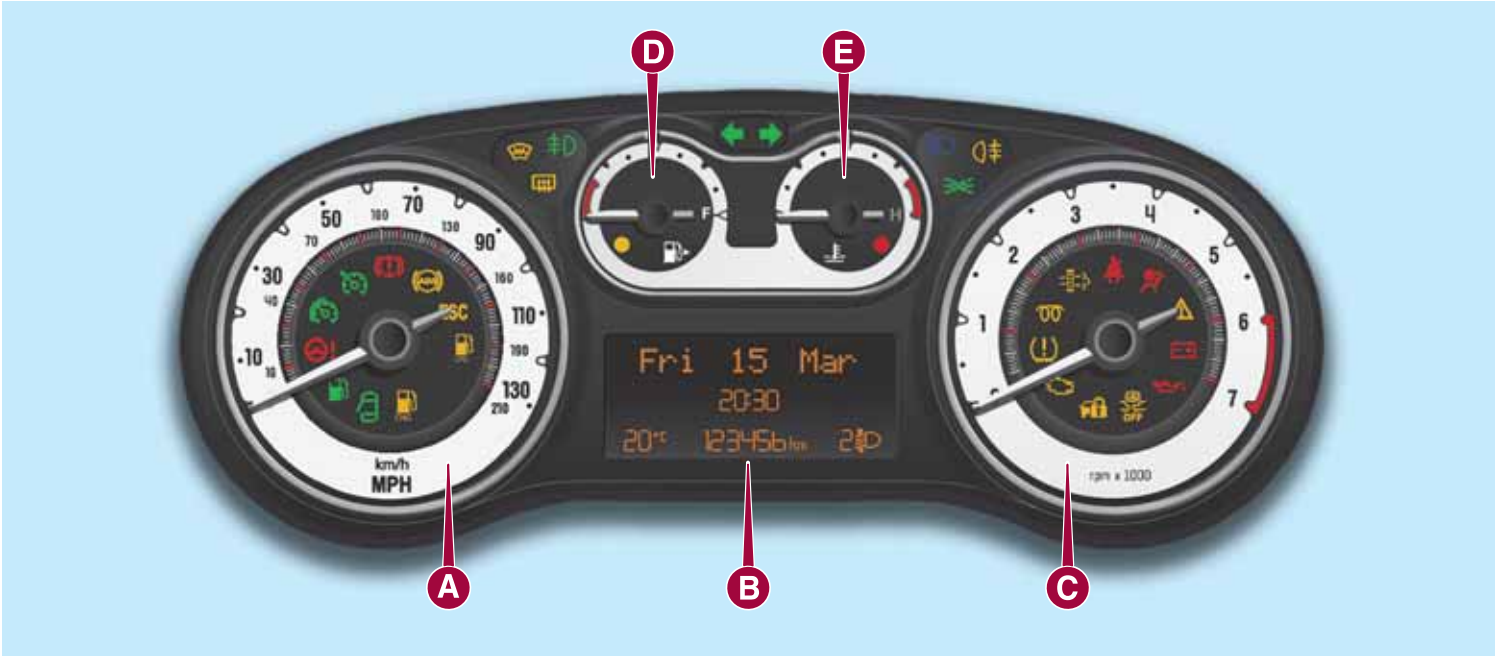
1. Adjustable air diffusers 2. Upper glove compartment (for versions/markets, where provided the compartment may be conditioned) 3. Passenger front airbag 4. Adjustable and directable centre air diffusers 5. Fixed upper air vent 6. Radio controls on the steering wheel (for versions/markets, where provided) 7. Exterior light control lever 8. Instrument panel 9. Windscreen wiper/rear window wiper/trip computer control lever 10. Ignition switch 11. Driver front airbag 12. Cruise Control/Speed Limiter lever (for versions/markets, where provided) 13. **Uconnect™ (for versions/markets, where provided) or radio system setup** 14. USB port/AUX socket (for versions/markets, where provided) 15. Heating/ventilation system or manual climate control (for versions/markets, where provided) or automatic dual zone climate control (for versions/markets, where provided) 16. Control buttons 17. Lower glove compartment 18. Oddment compartment

CONTROL PANEL AND INSTRUMENTS

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

The warning lights and are only present on Diesel versions. On diesel versions, the max. rpm (red range on the revolution counter) corresponds to 5000 rpm.

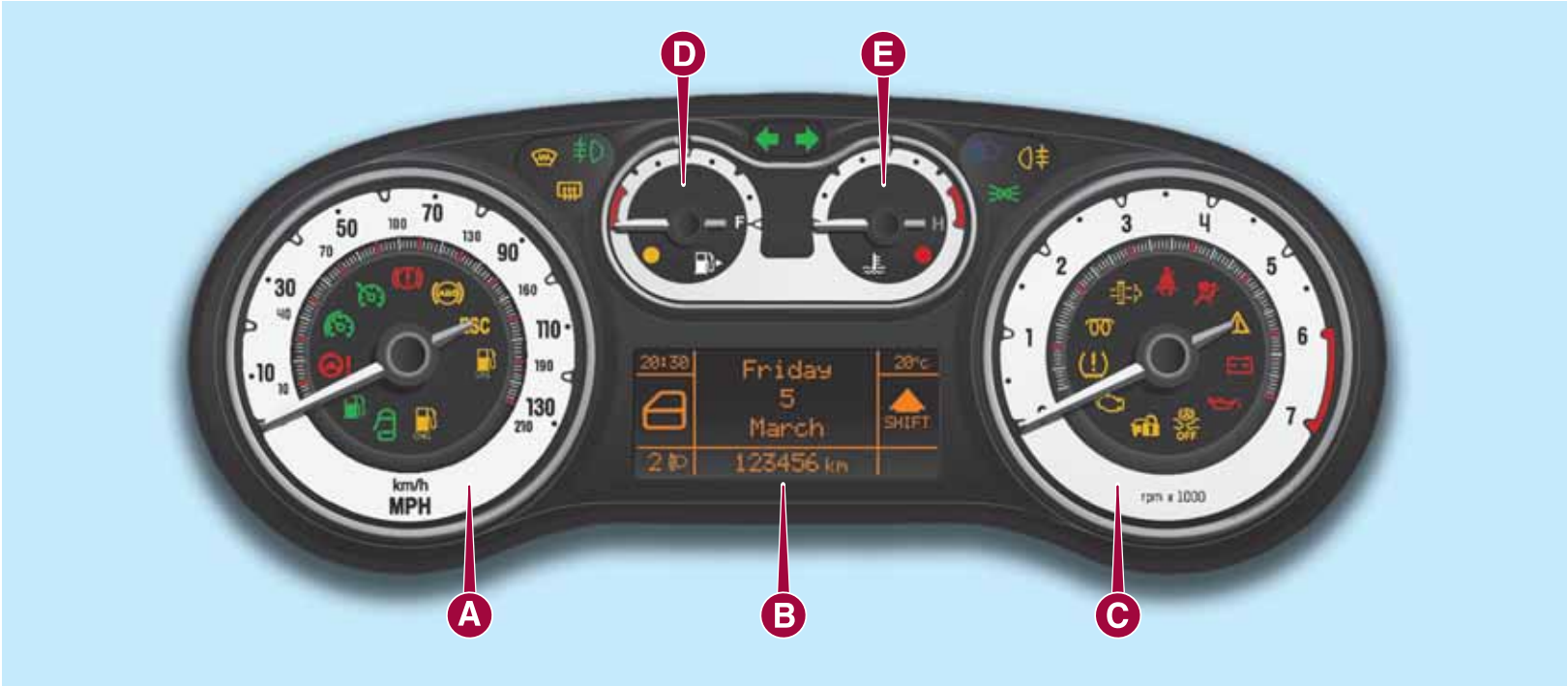
VERSIONS WITH MULTIFUNCTION DISPLAY



2 F0Y0470C

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

VERSIONS WITH RECONFIGURABLE MULTIFUNCTION DISPLAY



3 F0Y0471C

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

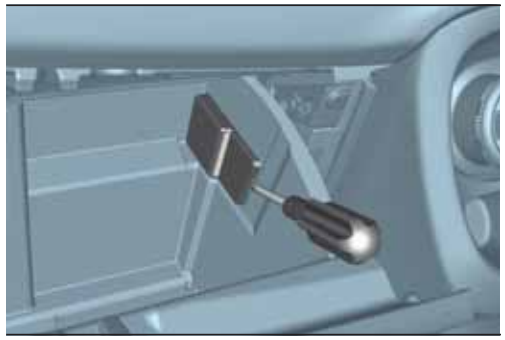
REPLACING FUSES

FUSE LOCATION

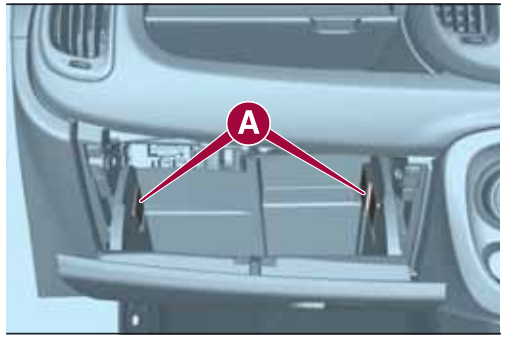
Dashboard junction box

To reach the fuse box, proceed as follows:

❒ open the lower oddments compartment; using the supplied screwdriver (fig. 4) remove the two side lids A fig. 5;

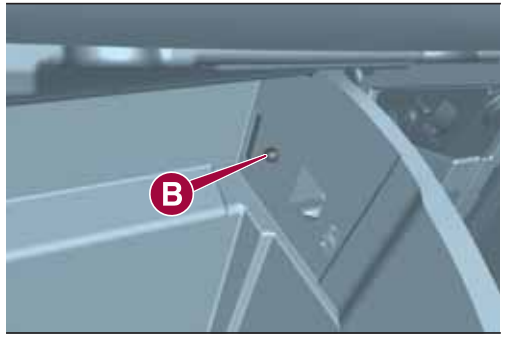


4 F0Y0236C



5 F0Y0235C

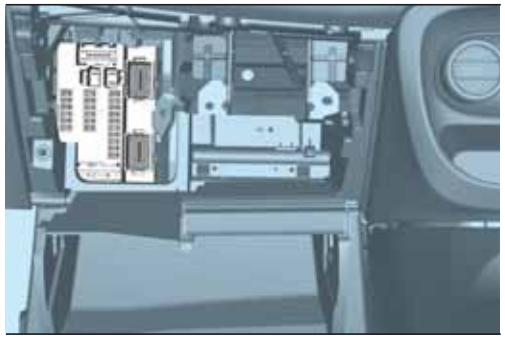
❒ press the device B fig. 6 inside-out from the compartment;



6 F0Y0238C

❒ tilt the compartment C fig. 7 forward: in this way, you get access to the fuse box (fig. 8).

7 F0Y0239C



8 F0Y0237C

To refit the oddments compartment, proceed in the reverse order, paying special attention to the new connection of the slowing device, linked to the same compartment through the device B.

WARNING

INTERIOR FITTINGS

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

❒ The cigar lighter gets extremely hot. Handle it carefully and make sure that children don't use it: risk of fire and/or burns.

ROOF RACK/SKI RACK

❒ Check that the attachment fixing screws are tight after a few kilometres.

❒ Never exceed the maximum permitted loads (see chapter "Technical specifications").

❒ Evenly distribute the load and take into account, when driving, the increased responsiveness of the vehicle to side wind.

LAVAZZA 500 ESPRESSO EXPERIENCE SETUP

❒ Use the accessory with vehicle stationary.

ACCESSORIES PURCHASED BY THE OWNER

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

INTERIORS

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

❒ Do not keep aerosol cans in the vehicle: danger of explosion. Aerosol cans must not be exposed to a temperature exceeding 50°C. When the vehicle is exposed to sunlight, the internal temperature can greatly exceed this value.

❒ There must be no obstacles on the floor underneath the pedals; make sure that mats are always flat and do not interfere with the pedals.

SUPPLY

❒ Modifications or repairs to the fuel supply system that are not carried out correctly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.

WARNING

ROOF RACK/SKI RACK

❒ Fully comply with the regulations in force concerning maximum clearance.

LAVAZZA 500 ESPRESSO EXPERIENCE SETUP

❒ Use the accessory with engine on, in order to protect the battery charge. If several devices absorbing a high amount of current (e.g. activation of climate control unit or heated rear window defrosting) are used simultaneously, the accessory could fail to operate.

WIRING FOR RADIO SYSTEM

❒ For connection to the radio system set-up, contact a Fiat Dealership to prevent any problem that could impair vehicle safety.

INTERIORS

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

NOTES

PETRONAS SELENIA MOTOR OIL

In the heart of your engine.

Always ask your mechanic for PETRONAS SELENIA MOTOR OIL

Oil change? The experts recommend Petronas Selenia

The engine of your car is factory filled with ***Petronas Selenia****, This is an engine oil range which satisfies the most advanced international specifications. Its superior technical characteristics allow* ***Petronas Selenia*** *to guarantee the* ***highest performance and protection of your engine.***

The Petronas Selenia range includes a number of technologically advanced products:

SELENIA K PURE ENERGY
Fully synthetic lubricant designed for latest generation, low emission, petrol engines. Its specific formulation warrants the utmost protection also for high performance turbocharged engines with high thermal stress.
Its low ash content helps to maintain the total cleanliness of modern catalysts.

SELENIA WR PURE ENERGY
Fully synthetic lubricant that can meet the requirements of the latest diesel engines. Low ash content to protect the particulate filter from the residual products of combustion.
High Fuel Economy System that allows considerable fuel saving.
It reduces the danger of dirtying the turbine to ensure the protection of increasingly high performance diesel engines.

SELENIA MULTIPOWER GAS PURE ENERGY
Fully-synthetic lubricant designed for petrol engines also turbocharged, powered with methane or LPG. Its exclusive formulation improves valve protection against wear, neutralises the acid compounds formed by combustion and keeps engine performance levels unchanged.

SELENIA K POWER
Fully synthetic lubricant developed for American design petrol engines, specially formulated to allows an excellent resistance to oxidation and high level fuel economy.
Excellent protection at high temperatures.

SELENIA DIGITEK PURE ENERGY
Fully synthetic lubricant for petrol engines. High fuel economy characteristics. Specific formulation for the TwinAir two-cylinder engines, Selenia Digitech Pure Energy allows maximum protection of the engine even under high mechanical stress caused by severe stop and go conditions of city traffic.

The range also includes Selenia K, Selenia 20K, Selenia Turbo Diesel, Selenia Sport, Selenia Sport Power, Selenia Racing.
For further information on Petronas Selenia products visit the web site www.pli-petronas.eu

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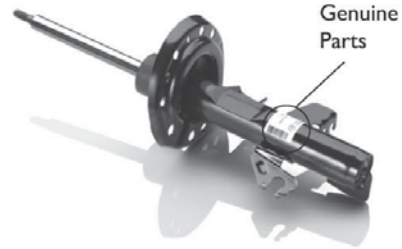
CHOOSING GENUINE PARTS IS THE MOST NATURAL CHOICE

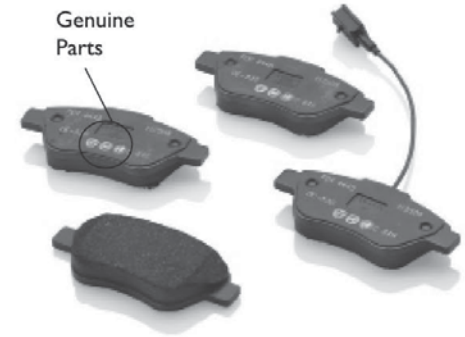
HOW TO RECOGNISE GENUINE PARTS

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

Pollen filter



Shock absorber



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WHY CHOOSING GENUINE PARTS

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

SAFETY: BRAKING SYSTEM

ENVIRONMENT: PARTICULATE FILTERS, CLIMATE CONTROL MAINTENANCE

COMFORT: SUSPENSION AND WINDSCREEN WIPERS

PERFORMANCE: SPARK PLUGS, INJECTORS AND BATTERIES

LINEACCESSORI ROOF RACK BARS, WHEEL RIMS

ENGLISH

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