

F I A T 5 0 0 L



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

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  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\*\*](http://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.

Alternatively, to access this information, go to the Internet website at [\*\*http://aftersales.fiat.com/elum/\*\*](http://aftersales.fiat.com/elum/).

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.



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, 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



### KEY WITHOUT REMOTE CONTROL

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



2

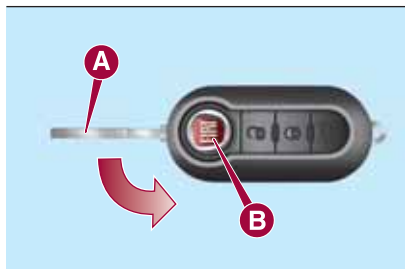
FOY0117C

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

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**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

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**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.

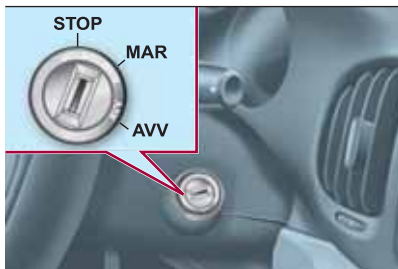
## IGNITION DEVICE



**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.

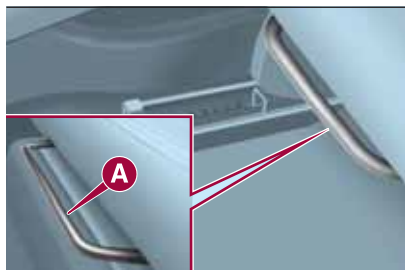
**6)** Never remove the key while the car is moving. The steering wheel will automatically lock as soon as it is turned. This also applies to cases in which the vehicle is towed.

## SEATS



### FRONT SEATS

**Longitudinal adjustment:** lift the lever A fig. 6, holding it in the central zone and push the seat forwards or backwards: in the driving position your arms should rest on the rim of the steering wheel.



6

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**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

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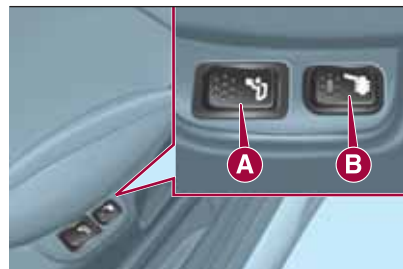


8

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**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

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### Table

(for versions/markets, where provided)



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.

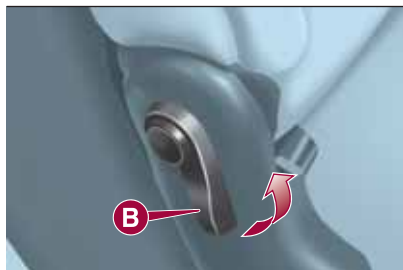


**Backrest tilting adjustment:** pull the lever B fig. 11 upwards, accompanying it with the movement of the chest.



10

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11

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### 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

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### 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

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*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

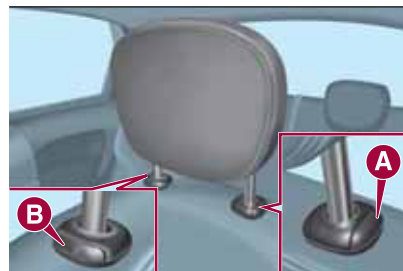
### ADJUSTMENTS



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

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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

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### DOOR MIRRORS

#### Manual adjustment

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



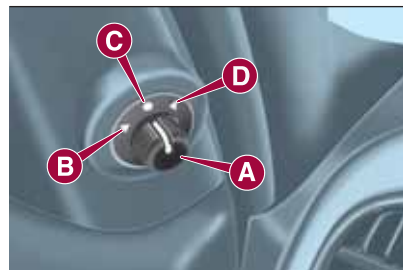
20

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#### Electric adjustment

(for versions/markets, where provided)

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



21

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To carry out the adjustment, proceed as follows:

- ☐ 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.

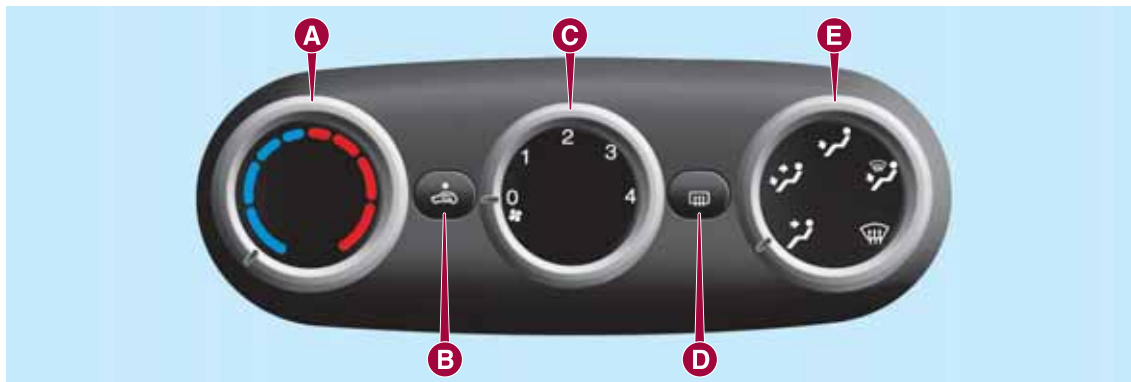


## CLIMATE CONTROL SYSTEM



### HEATING AND VENTILATION

#### Controls



22

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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

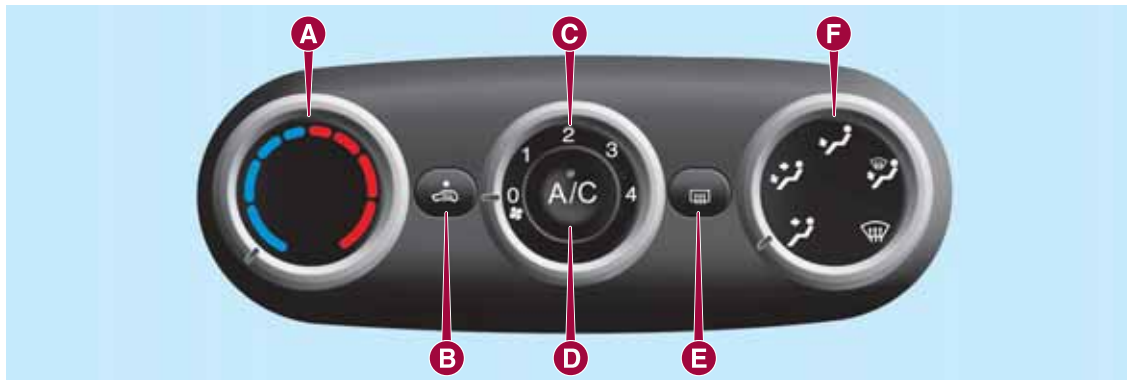
 air only from front and rear footwell vents

 air from front and rear footwell vents, to windscreen and side windows

 air outlet to windscreen and side windows

## MANUAL CLIMATE CONTROL SYSTEM

### Controls



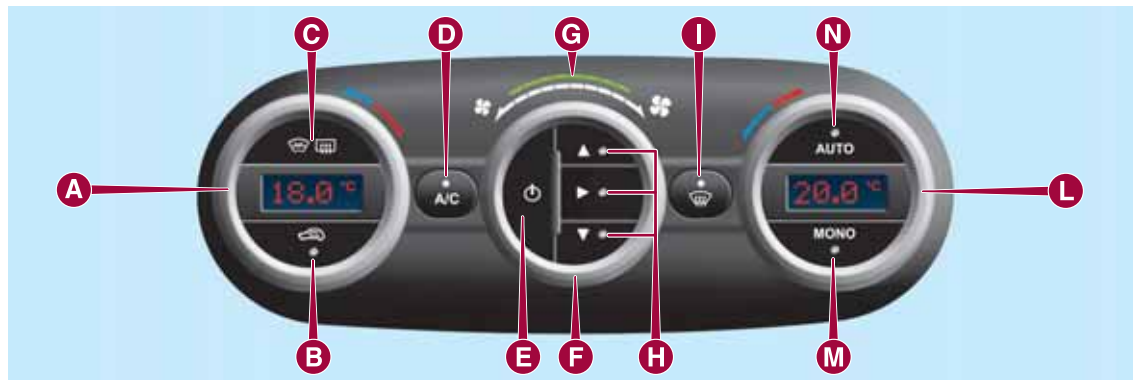
23

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****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



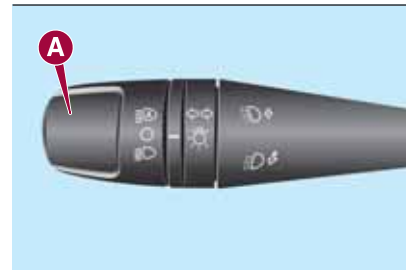
The ignition key has to be in the MAR position for the exterior lights to come on.

### 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  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

The lights turning on time is adjustable and programmable interacting via the Setup Menu of the instrument panel.

It is possible to choose between 0, 30, 60 up to 90 seconds. The device is activated automatically after turning off the car and having rotated the ring nut A fig. 25 to position **O**.

It is also possible (if the program described above is set to "0" seconds) to set the headlights start time by pulling the left stalk toward you once or more times (same procedure to activate the main beam lights). In this case it is possible to choose between 0, 30, 60, 90 up to a maximum of 210 seconds.

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.

## Deactivation

This function is deactivated by switching on the headlights, the side lights or bringing the ignition device to MAR.



### 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.

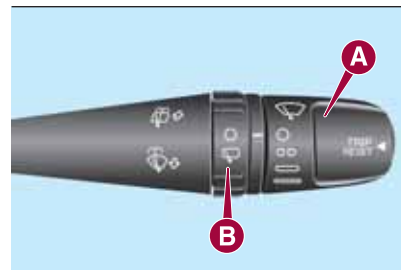
## WINDOW CLEANING



### WINDSCREEN WIPER/WASHER



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 **DD**, 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)



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 **DD**: 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 **DD** or turn the ignition key to STOP. If the ignition key is turned to the STOP position leaving the ring nut A in position **DD**, 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



This operates only with the ignition key turned to MAR.

**Activation:** turn the ring nut B fig. 26 from position **O** 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



### 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)



### 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

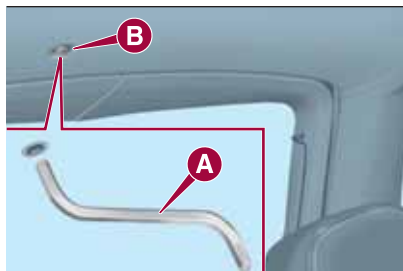
F0Y0121C

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)

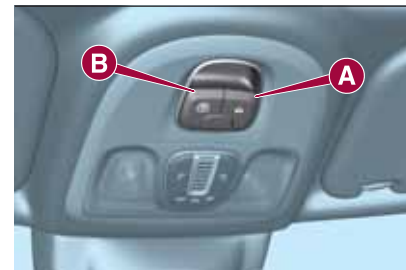


The sun roof and the blind can be operated only with the ignition key turned to MAR.

## 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

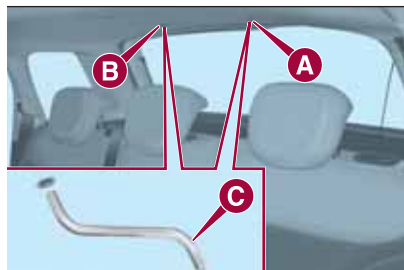
Pressing the B fig. 30 button: the blind will move towards the rear part of the vehicle, until it is fully open. With blind fully open press button B: the blind will move towards the front part of the vehicle, until it is fully closed. During the blind automatic opening and closing stages, press the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



### 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.



**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



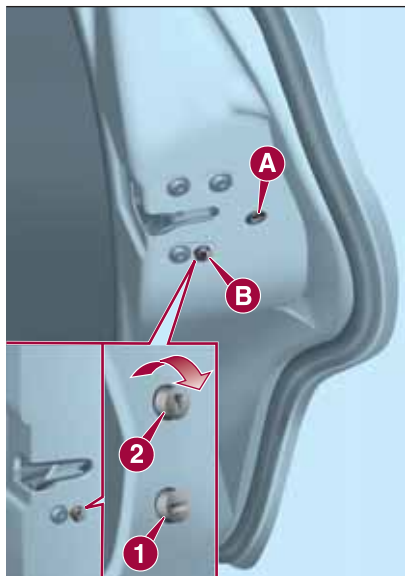
**24)** This system prevents the rear doors from being opened from the inside. The device B fig. 33 can only be engaged with the doors open.

**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

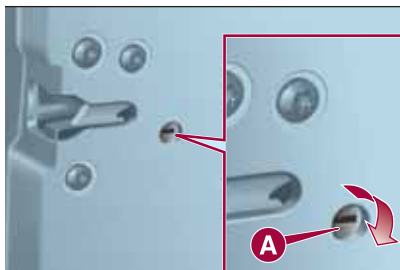
F0Y0111C

## 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



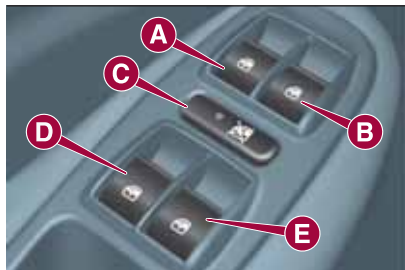
### OPERATION

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

FOY0240C

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



 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.



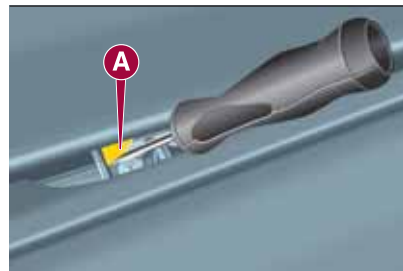
36

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.

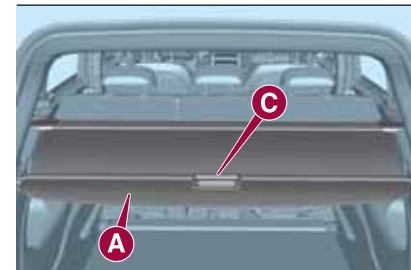
## LUGGAGE-COVERING CURTAIN

(500L LIVING versions)



30) 15)

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



40

F0Y0371C

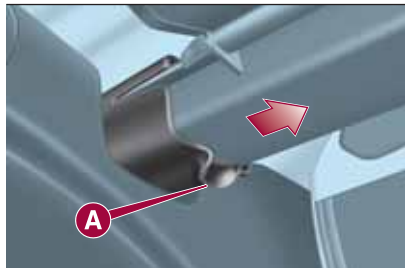
**Curtain rolling up:** grasp handle C and then release pins B fig. 41 (one for each side) from their seats. Then ease the curtain towards the front part of the luggage compartment.



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

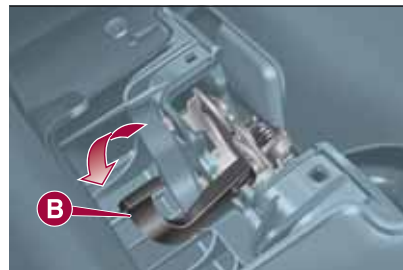
### OPENING

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

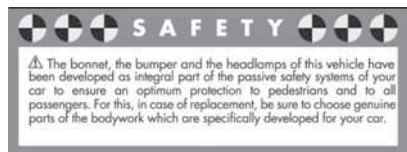


44

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.

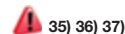


## WARNING

**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



35) 36) 37)



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

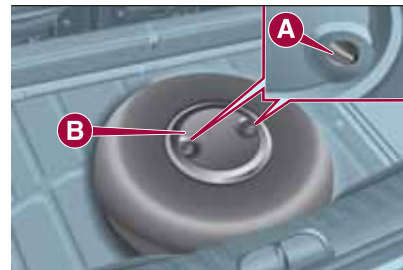
## INTRODUCTION

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;

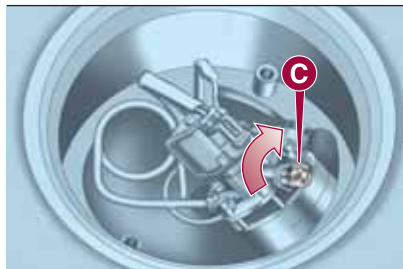


47

F0Y0424C



- ❑ close the LPG cock by rotating the ring nut C fig. 48 clockwise;
- ❑ refit the cover and retighten the fastening devices.



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

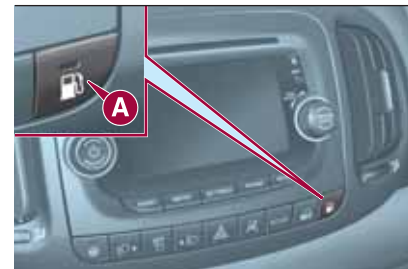
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In Italy, the tank has a life of 10 years starting from the vehicle registration date. If the vehicle has been registered in a country other than Italy, the duration and the testing/inspection procedures of the LPG tank can vary depending on the national 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  $-20^{\circ}\text{C}$  and  $100^{\circ}\text{C}$ .

**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)



38) 39) 40) 41)



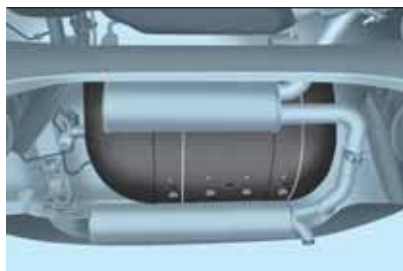
23) 24) 25) 26) 27)

### 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.

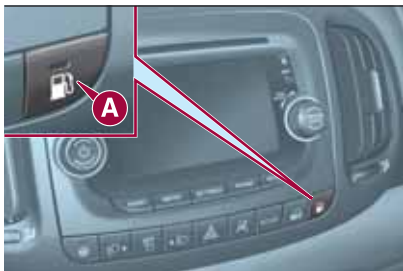
The plates provided by the Dealership with the on board documentation contain the date for the first inspection of the cylinders. Methane refuelling stations are not authorised to refill the cylinders when the inspection date has expired.

**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

FOY0249C

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  $-10^{\circ}\text{C}$ , 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.*

|                                                 |    |
|-------------------------------------------------|----|
| CONTROL PANEL AND<br>ON-BOARD INSTRUMENTS ..... | 40 |
| DISPLAY .....                                   | 42 |
| WARNING LIGHTS AND<br>MESSAGES .....            | 45 |
| - Red warning lights .....                      | 45 |
| - Amber warning lights .....                    | 51 |
| - Green warning lights .....                    | 58 |
| - Blue warning lights .....                     | 59 |

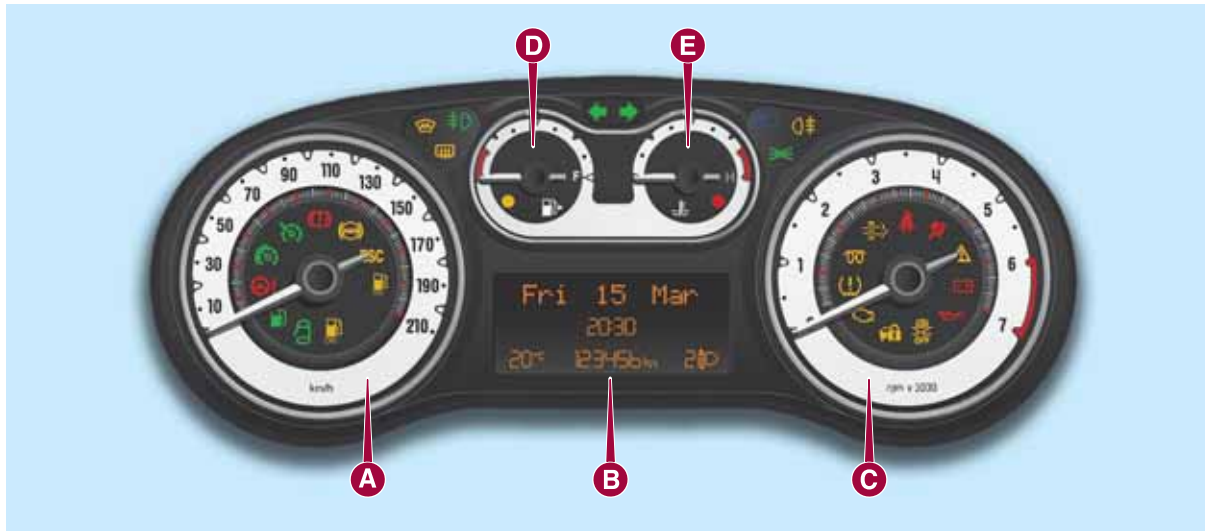


## CONTROL PANEL AND ON-BOARD INSTRUMENTS

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

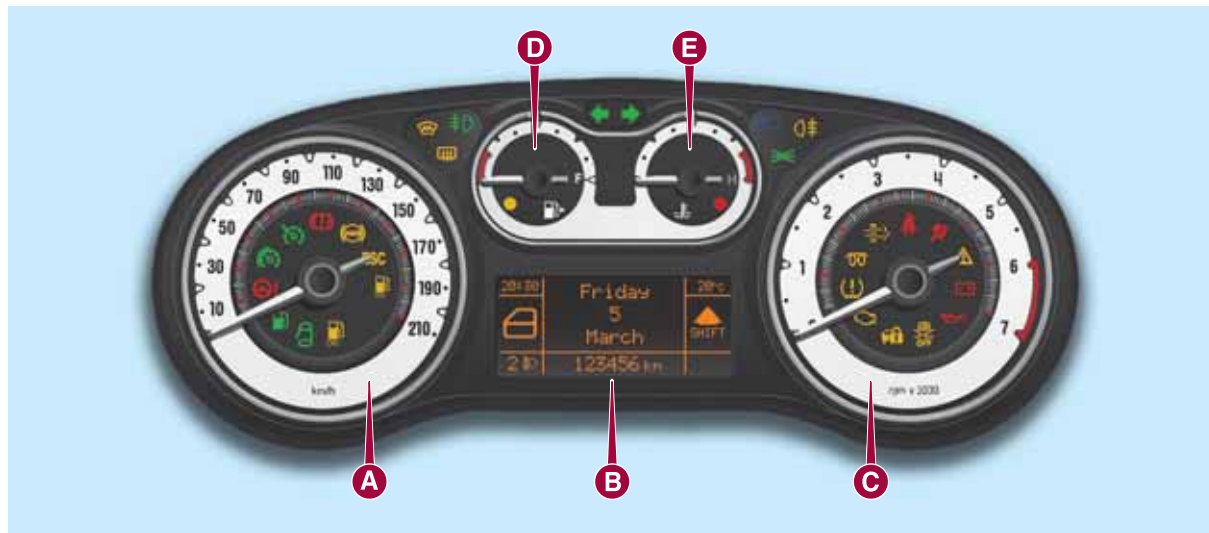


54

FOY1150C

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

FOY1151C

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

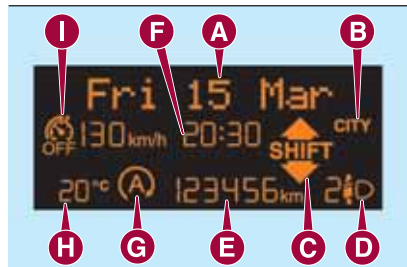


## DISPLAY



### MULTIFUNCTION DISPLAY

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



56

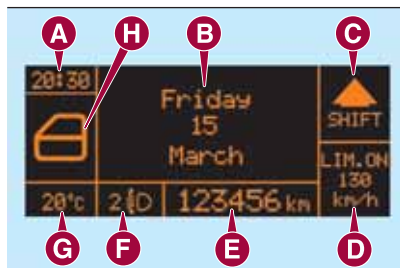
FOY1101C

- 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

FOY1103C

- 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.

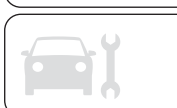
This function comprises two separate trips, called "Trip A" and "Trip B", where the vehicle's "complete missions" (journeys) are monitored in a reciprocally independent manner.

**"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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>LOW BRAKE FLUID/HANDBRAKE ENGAGED</p> <p><b>Low brake fluid level</b></p> <p>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.</p> <p><b>Handbrake engaged</b></p> <p>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.</p> <p><b>IMPORTANT</b> If the warning light comes on when the vehicle is in motion, check that the handbrake is not on.</p> |



| Warning light                                                                                                                                                                                                                                               | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><br> | <p><b>EBD FAILURE</b></p> <p>The simultaneous switching on of the  (red) and  (amber) warning lights and <b>ESC</b> 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.</p> <p>Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.</p> |
|                                                                                                                                                                            | <p><b>LOW BATTERY CHARGE</b><br/>(for versions/markets, where provided)</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                            | <p><b>DOORS/BONNET/LUGGAGE COMPARTMENT OPEN</b></p> <p>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.</p> <p>An acoustic signal is activated with the doors open and the vehicle moving.</p>                                                                                                                                                                                                                                                                                                                         |

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>AIRBAG FAILURE</b></p> <p>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.  <b>42) 43)</b></p>                                                                                                                                                                                                                                                                                                                                   |
|  | <p><b>SEAT BELTS NOT FASTENED</b><br/>(for versions/markets, where provided)</p> <p>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.</p> <p>In this case, fasten the seat belt.</p> <p>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.</p> |



## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>ENGINE COOLANT TEMPERATURE TOO HIGH</p> <p>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.</p> <p><b>When driving normally:</b> 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.</p> <p><b>If the vehicle is used under demanding conditions</b> (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.</p> <p>IMPORTANT Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.</p> |

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>CONTINUOUSLY ON: LOW ENGINE OIL PRESSURE</p> <p>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)</p> <p>FLASHING: EXHAUSTED ENGINE OIL (only Diesel versions with DPF)</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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)</p> |



## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>"DUALDRIVE" ELECTRIC POWER STEERING FAILURE</p> <p><b>During the engine start:</b> 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.</p> <p><b>While driving:</b> 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.</p> <p><b>IMPORTANT</b> 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.</p> <p><b>IMPORTANT</b> 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.</p> |

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>iTPMS<br/>(for versions/markets, where provided)</p> <p><b>iTPMS failure/iTPMS temporarily deactivated</b></p> <p>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.</p> <p>If the malfunction warning persists, contact a Fiat Dealership as soon as possible.</p> <p><b>Tyre pressure low</b></p> <p>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).</p> <p>Once the normal operating conditions of the vehicle are restored, carry out the "Reset" procedure.</p> <p><b>IMPORTANT</b> Do not continue driving with one or more flat tyres as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.</p> |
|  | <p>City Brake Control - "Collision Mitigation" SYSTEM DEACTIVATED<br/>(for versions/markets, where provided)</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>REAR FOG LIGHT</p> <p>The warning light switches on when the rear fog light is turned on.</p>                                                                                                                                                                                                                                                            |
|  | <p>ABS FAILURE</p> <p>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.</p> <p>Drive carefully and contact a Fiat Dealership as soon as possible.</p> |
|  | <p>HEATED REAR WINDOW</p> <p>The warning light turns on when switching the heated rear window on.</p>                                                                                                                                                                                                                                                       |
|  | <p>HEATED WINDSCREEN</p> <p>(for versions/markets, where provided)</p> <p>The warning light turns on when the heated windscreen is turned on.</p>                                                                                                                                                                                                           |
|  | <p>FIAT CODE SYSTEM FAILURE</p> <p>(for versions/markets, where provided)</p> <p>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.</p>                                                              |

| Warning light                                                                                                                                                              | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                           | <p>ESC SYSTEM<br/>(for versions/markets, where provided)</p> <p>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.</p> <p><b>ESC system intervention:</b> the intervention of the system is indicated by the flashing warning light while driving.</p> <p><b>Hill Holder failure:</b> 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.</p> <p><b>Traction Plus failure:</b> in the case of Traction Plus system failure, the <b>ESC</b> warning light switches on constantly.</p> |
| <br><br> | <p>FUEL RESERVE - LIMITED RANGE</p> <p>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.</p> <p><b>IMPORTANT</b> 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.</p>                                                                                                                                                                                                                                                                                                                                                                                               |



| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>INJECTION/EOBD SYSTEM FAILURE</p> <p>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.</p> <p><b>Warning light on constantly:</b> 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.</p> <p>The warning light switches off if the malfunction disappears, but is still stored by the system.</p> <p><b>Warning light on and flashing (for petrol engines only):</b> 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)</p> |



### 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                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>GLOW PLUG PREHEATING FAILURE (Diesel versions)</p> <p>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.</p> <p>In this case, contact a Fiat Dealership as soon as possible.</p> |
|  | <p>LPG FUEL RESERVE (LPG versions)<br/>(for versions/markets, where provided)</p> <p>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.</p>                                 |
|  | <p>METHANE RESERVE (Natural Power versions)</p> <p>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.</p>                                                               |



| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>DPF (PARTICULATE FILTER) CLEANING IN PROGRESS (Diesel versions with DPF only)</p> <p>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.</p> <p>The warning light does not come on during every DPF regeneration, but only when driving conditions require that the driver is notified.</p> <p>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.</p> <p>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.</p> <p> <b>31)</b></p> |



## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>GENERIC FAILURE INDICATION</p> <p>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:</p> <ul style="list-style-type: none"> <li>❑ <i>Limit speed exceeded</i>: on some versions, when the limit speed is exceeded, a message and a symbol are displayed, along with a buzzer;</li> <li>❑ <i>Fuel cut-off system intervention/failure</i></li> <li>❑ <i>External light failure</i>: 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;</li> <li>❑ <i>DST (Dynamic Steering Torque or steering corrector) system failure</i></li> <li>❑ <i>Water in diesel fuel filter</i></li> <li>❑ <i>Stop/Start system failure</i></li> <li>❑ <i>Methane level sensor failure (or LPG level)</i></li> <li>❑ <i>Temporary or permanent City Brake Control - "Collision Mitigation" system failure</i></li> <li>❑ <i>Rain sensor failure</i></li> <li>❑ <i>Assisted parking failure</i></li> <li>❑ <i>Dusk sensor failure</i></li> <li>❑ <i>Engine oil pressure sensor failure</i> (on versions with reconfigurable multifunction display the failure is indicated by the switching on of the icon in the display)</li> <li>❑ <i>Warning light failure</i> </li> </ul> <p>On some versions, the warning light switches on along with the display of a message and a symbol.</p> |



## Green warning lights

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>LPG COMPLETION (or METHANE) (LPG or Natural Power versions)</p> <p>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.</p>                                                               |
|  | <p>SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS/FOLLOW ME HOME</p> <p>The warning light switches on when side lights or dipped beam headlights are turned on.</p> <p><b>Follow me home:</b> 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).</p> |
|  | <p>AUTOMATIC MAIN BEAM HEADLIGHTS</p> <p>This warning light comes on when the automatic main beam headlights are turned on.</p>                                                                                                                                                                                                                                                               |
|  | <p>FOG LIGHTS</p> <p>The warning light switches on when the fog lights are turned on.</p>                                                                                                                                                                                                                                                                                                     |
|  | <p>LEFT DIRECTION INDICATOR</p> <p>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.</p>                                                                                                                                                          |
|  | <p>RIGHT DIRECTION INDICATOR</p> <p>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.</p>                                                                                                                                                            |

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>"DUALDRIVE" ELECTRIC POWER STEERING SYSTEM ON<br/>(for versions/markets, where provided)</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                |
|  | <p>CRUISE CONTROL<br/>(for versions/markets, where provided)</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | <p>SPEED LIMITER<br/>(for versions/markets, where provided)</p> <p><b>Activation:</b> 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.</p> <p><b>Deactivation:</b> 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  symbol.</p> |

#### Blue warning lights

| Warning light                                                                     | What it means                                                                                                 |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|  | <p>MAIN BEAM HEADLIGHTS</p> <p>The warning light switches on when the main beam headlights are turned on.</p> |



## SYMBOLS AND MESSAGES ON THE DISPLAY

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>DUALOGIC GEARBOX FAILURE<br/>(for versions/markets, where provided)</p> <p>The symbol is displayed, along with a dedicated message and an acoustic signal, when a fault is detected in the gearbox.</p> <p>The display also shows the messages for:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> downshift request;</li> <li><input type="checkbox"/> manual (or automatic) drive mode impossible;</li> <li><input type="checkbox"/> clutch overheating;</li> <li><input type="checkbox"/> delayed start/press of the brake pedal;</li> <li><input type="checkbox"/> brake pedal press and repetition of the manoeuvre</li> <li><input type="checkbox"/> gear not available;</li> <li><input type="checkbox"/> manoeuvre not allowed;</li> <li><input type="checkbox"/> gearbox lever in neutral position.</li> </ul> <p> <b>32) 33) 34)</b></p> |



### 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                                                                |                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>POSSIBLE ICE ON ROAD</p> <p>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.</p> |
|  | <p>LPG FUEL SUPPLY SYSTEM FAILURE</p> <p>The display will show the symbol and a dedicated message if the LPG fuel supply system is faulty.</p>                                                                                                                                        |
|  | <p>METHANE FUEL SUPPLY SYSTEM FAILURE</p> <p>The display will show the symbol and a dedicated message if the methane fuel supply system is faulty.</p>                                                                                                                                |
|  | <p>GEAR SHIFT INDICATOR</p> <p>The symbols are displayed to inform the driver to upshift (speed increase) or downshift (speed decrease).</p>                                                                                                                                          |
| TRACTION PLUS SYSTEM                                                              | <p><b>System activation/deactivation:</b> it is indicated by the displaying of a message.</p>                                                                                                                                                                                         |
| ASR SYSTEM                                                                        | <p><b>System activation:</b> it is indicated by the displaying of a message.</p> <p><b>System deactivation:</b> it is indicated by the displaying of a message (on some versions a symbol is displayed, too).</p>                                                                     |
| ECO FUNCTION                                                                      | <p><b>Function activation/deactivation:</b> it is indicated by the displaying of a message.</p>                                                                                                                                                                                       |



| Message on display |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STOP/START SYSTEM  | <p><b>System activation:</b> it is signalled by a message on the display.</p> <p><b>System deactivation:</b> it signalled by a message on the display. On some versions, the  symbol is displayed as well.</p> <p><b>System failure</b></p> <p><input type="checkbox"/> <i>Versions with multifunction display:</i> it is indicated by the switching on of the  warning light on the instrument panel and by the display of a dedicated message.</p> <p><input type="checkbox"/> <i>Versions with reconfigurable multifunction display:</i> it is indicated by the displaying of the  symbol along with a dedicated message.</p> <p>In the event of a Stop/Start system failure, contact a Fiat Dealership.</p> |
| SERVICE            | <p>SCHEDULED SERVICING (SERVICE)</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                               |

LED ON DASHBOARD TRIM

| Warning light                                                                     | What it means                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>PASSENGER AIRBAG/SIDE BAGS DEACTIVATED<br/>(for versions/markets, where provided)</p> <p>The LED is located on the instrument panel and switches on deactivating the front passenger airbag and the side bag.</p> <p>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)</p> |



**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



*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.*

## SAFETY

|                                                       |    |
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## ACTIVE SAFETY SYSTEMS



### 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

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## 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

FOY0248C

## 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

FOY0200C

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.

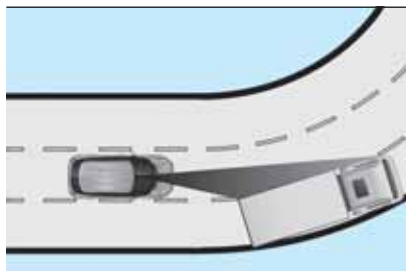
**Versions equipped with manual gearbox:** at the end of the automatic braking the engine may stall and turn off, unless the clutch pedal is pressed.

**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.

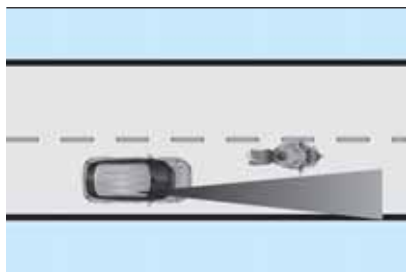
## Driving in special conditions

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.



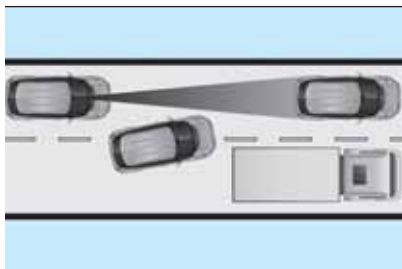
63

F0Y0320C



64

F0Y0321C



65

F0Y0322C

## iTPMS (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)



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 fig. 65a: 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.



65a

F0Y0777C

### 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



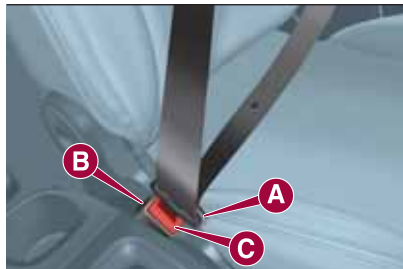
### USING THE SEAT BELTS

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

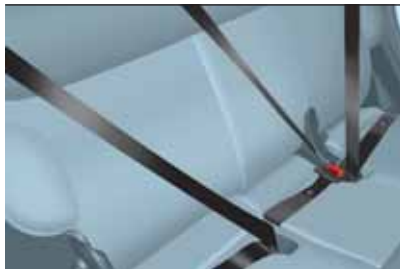
FOY0085C

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

FOY0086C

**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

FOY0379C

### 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

FOY0792C



## 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

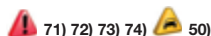
If the driver is the only occupant and the seat belt is not fastened, when 20 km/h is exceeded or when travelling at a speed from 10 to 20 km/h for longer than 5 seconds, an acoustic signal sequence will be started (front seats) consisting of a tone for 6 seconds followed by a 90 second beep. The  warning 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



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

FOY0700C

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

FOY0701C

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

FOY0702C

## 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.

0-13 kg



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.

9-18 kg



75

F0Y0704C

### Group 2

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

15-25 kg



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.

22-36 kg



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 | 2 <sup>nd</sup> row rear central passenger | 2 <sup>nd</sup> row rear side passengers | 3 <sup>rd</sup> 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 2<sup>nd</sup> 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)

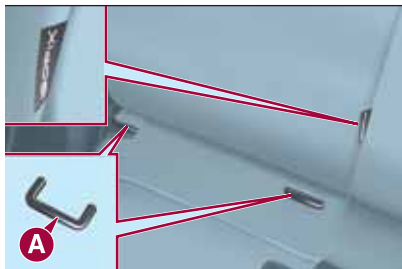
The car is equipped with ISOFIX anchorages, a new standard which makes fitting a child restraint system quick, simple and safe.

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.

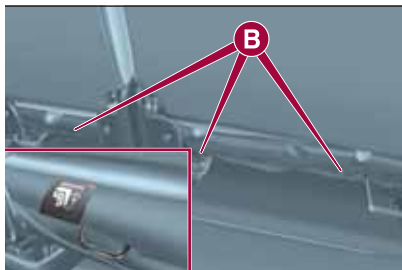
**500L Natural Power versions:** should the child restraint system anchorage not be visible immediately, it is recommended to remove the load platform.

fig. 80 shows an example of a Universal ISOFIX child restraint system for weight group 1.



78

F0Y0089C



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                   |
|                           | Rearward facing                 | E                 | IL                   |
| Group 0+ (up to 13 kg)    | Rearward facing                 | D                 | IL                   |
|                           | Rearward facing                 | C                 | IL (*)               |
|                           | Rearward facing                 | D                 | IL                   |
|                           | Rearward facing                 | C                 | IL (*)               |
| Group 1 (from 9 to 18 kg) | 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 | 2 <sup>nd</sup> row rear central passenger | 2 <sup>nd</sup> row rear side passengers | 3 <sup>rd</sup> 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 2<sup>nd</sup> 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                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            |                                                                                             | <b>Britax Baby Safe plus</b><br>Approval number: E1 04301146<br>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.<br>Adjust the rear seat as far forward as the position of the front seat allows. |
| Group 0+ – from 0 to 13 kg | <br>+<br> | <b>Britax Baby Safe plus</b><br>Approval number: E1 04301146<br>Fiat order code: 71806415<br><br><b>Britax Baby Safe ISOFIX base</b><br>Fiat order code: 71806416 | It must be fitted rearward facing using car's adult seat belts and the recommended Isofix base. It must be fitted in the rear outer seats.<br>Adjust the rear seat as far forward as the position of the front seat allows.                      |



+

+



+

+



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

### 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

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.



| Weight group                    | Child restraint system                                                            | Type of child restraint system                                                             | Child restraint system installation                                                                                                                                                                                                                                                                              |
|---------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Group 1 – from 9 up to 18 kg    |  | <b>Britax Safefix TT</b><br>Approval number: E1 04301199<br>Fiat order code: 71805956      | Child restraint system, Isofix universal with Top Tether<br>It must be fitted forward facing, using Isofix anchorages and the upper belt, provided with the child restraint system.<br>It must be fitted in the rear outer seats.<br>For optimum protection please adjust the rear seat as far back as possible. |
|                                 |  | <b>Britax Roemer Duo Plus</b><br>Approval number: E1 04301133<br>Fiat order code: 71803161 | Child restraint system, Isofix universal with Top Tether<br>It must be fitted forward facing, using Isofix anchorages and the upper belt, provided with the child restraint system.<br>It must be fitted in the rear outer seats.<br>For optimum protection please adjust the rear seat as far back as possible. |
| Group 2 – 3 from 15 kg to 36 kg |  | <b>Fair Junior Fix</b><br>Approval number: E4 04443721<br>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.<br>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



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



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



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.<br>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.<br>Rückwärts gerichtete Kinderrückhaltesysteme (Babyschale) dürfen nicht in Verbindung mit aktiviertem Beifahrerairbag auf dem Beifahrersitz verwendet werden |
| NL  | DIT KAN DODELIJK ZIJN OF ERNSTIGE ONGELUKKEN VEROORZAKEN. Plaats het kinderstoeltje niet ruggelings op de voorstoel wanneer er een airbag aanwezig is.                                                                           |
| E   | PUEDO OCACIONAR MUERTE O HERIDAS GRAVES. NO ubicar el asiento para niños en sentido inverso al de marcha en el asiento delantero si hubiese airbag activo lado pasajero.                                                         |
| PL  | MOŻE GROZICI ŚMIERCIA LUB CIEŻKIMI OBRAŻENIAMI.<br>NIE WOLNO umieszczać fotelika dziecięcego tyłem do kierunku jazdy na przednim siedzeniu w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera.                    |
| TR  | ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yolcu airbağı aktif halde iken çocuk koltuğunu araç gidüş yönüne ters biçimde yerleştirmeyin.                                                                                 |
| DK  | FARE FOR DØDELIGE KVÆLTSELSER OG LIVSTRUENDE SKADER. Placer aldrig en bagudvendt barnstol på passagerersædet, hvis passager-airbaggen er indstillet til at være aktiv (on).                                                      |
| EST | TAGAJÄRJEKS VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapädia 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 atgretos nugarą į priekinę 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 passagerarsäddans krockkudde är aktiv.                                                                               |
| H   | HALÁŠOS VAGY SÜLYÖS 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 detskou sedačku do opačného polohy vŕči smeru jazdy v prípade aktívneho airbagu spolujazdce.                                                          |
| 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 PRODUCERECESUL 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.<br>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.<br>Не поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване.                         |
| SK  | MOŽE NASTAŤ SMŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca.                                                                                           |
| RUS | ТРАВМЫ И ЛЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливающееся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности.                             |
| HR  | OPASNOST OD TEŠKIH ILI SMRTNOSNIH OZLEDA.<br>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.                                                                          |



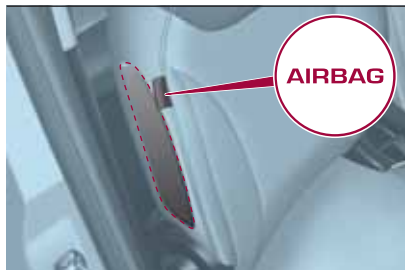
## SIDE BAGS

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

FOY0090C

### Window bag

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



88

FOY0206C

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



 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



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.

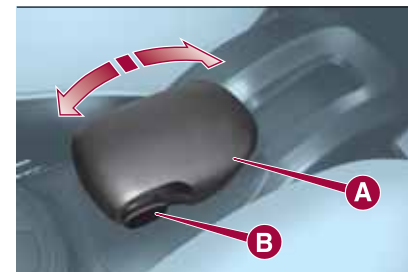
**55)** Revving up before stopping the engine is useless, it causes unnecessary fuel consumption and can damage the engine, in particular engines equipped with turbocharger.

## HANDBRAKE



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 6<sup>th</sup> gear (for versions/markets where provided), push firmly to the right when operating the lever in order to avoid engaging the 4<sup>th</sup> gear by mistake. The same applies to the shift from 6<sup>th</sup> to 5<sup>th</sup> 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)



**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



**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 1<sup>st</sup> or reverse gear: it is advisable to engage it in 4<sup>th</sup> gear or higher.



95

FOY0050C

### 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)



### 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  symbol on the display.

**Device automatic deactivation:** the device deactivates automatically in the event of fault in the system.

## PARKING SENSORS



## 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 thick 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

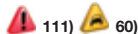
**110)** *Parking and other dangerous manoeuvres are, however, always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The parking sensors are an aid for the driver, but the driver must never 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



### DESCRIPTION

The camera is located on the tailgate fig. 98.

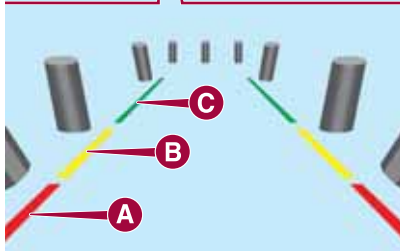


98

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



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<sup>2</sup>.

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<sup>2</sup>.

**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



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.

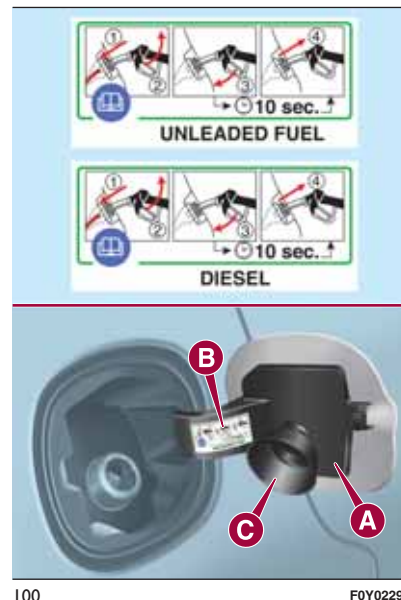
## REFUELLING PROCEDURE

### 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.



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;



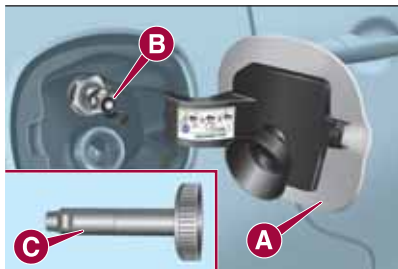
101

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- ❑ 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

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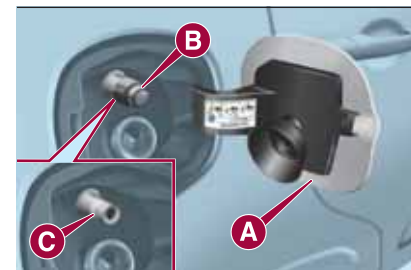
**IMPORTANT** Depending on the country, there are various types of adapters for LPG refuelling pumps. Filler adapter, supplied with the vehicle and located in a special case, is specifically designed for the country in which the vehicle is sold. If you are in a different country, find out what type of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

## Natural Power versions



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

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## 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.*

|                              |     |
|------------------------------|-----|
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| 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

FOY0037C

### 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



### 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:

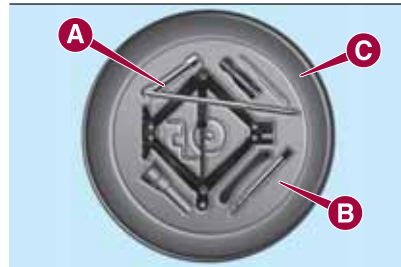
- ☐ stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground should be flat if possible, and sufficiently firm;
- ☐ switch off the engine, pull up the handbrake and engage the 1<sup>st</sup> gear or reverse. Wear the reflective safety 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;

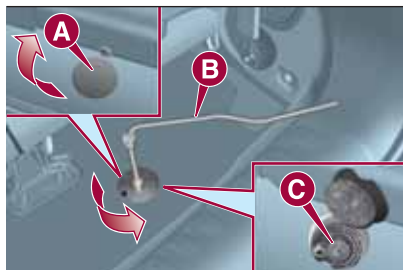
☐ *500L LIVING versions*: rotate the device D fig. 107 and release the space-saver wheel from the mounting E;



105

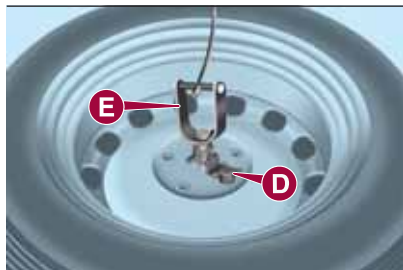
FOY0096C





106

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107

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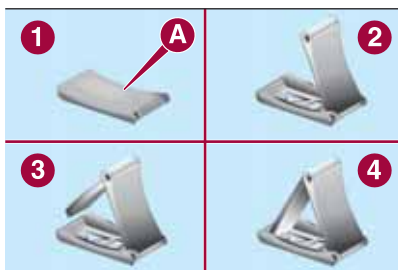
□ take the spanner A fig. 108 and loosen the fixing stud bolts by about one turn. For versions with alloy rims, shake the car to facilitate detachment of the rim from the wheel hub;

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



108

F0Y0093C

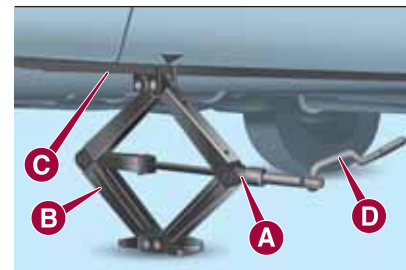


109

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□ 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

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## 500L LIVING versions



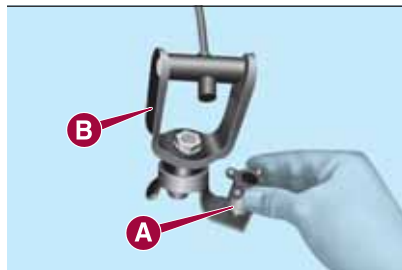
123)

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.

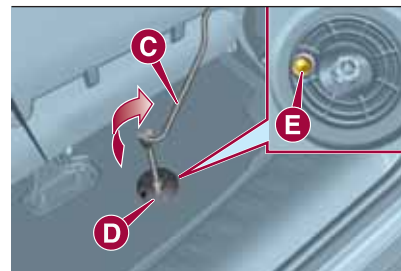


112

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### Punctured tyre positioning (500L LIVING versions)

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



113

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### 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



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

 **64)**  **3)**

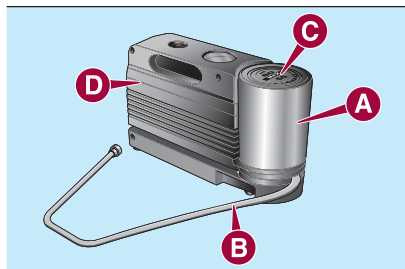
### DESCRIPTION

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  $-20^{\circ}\text{C}$  and  $+50^{\circ}\text{C}$ . 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 tire may not be repaired. Do not use the Fix&Go Automatic kit if the tyre was damaged as a result of being used when underinflated.

**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. Avoid sudden acceleration or braking.

**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 booklet to the technicians who will be handling the tyre that was treated using the Fix&Go Automatic kit.

**129)** Repairs are not possible in the case of damage to the wheel rim (bad groove distortion causing air loss). Do not remove foreign bodies (screws or nails) from the tyre.

**130)** Never operate the compressor for longer than 20 consecutive minutes. 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 information required by current regulations, regarding the chemical substances for the protection of human health and the environment and on the safe use of the sealing fluid, are on the packaging label. Compliance with the indications on the label is an essential condition to ensure the safety and the effectiveness of the product. Remember to carefully read the label before use; the user of the product is responsible for any damages caused by improper use. The sealing fluid has an expiry date. Replace the bottle if the sealant has expired.



## 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



**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   |
| 3 <sup>rd</sup> 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    |

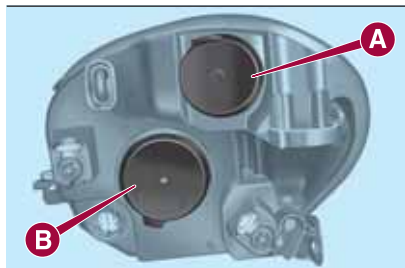


## FRONT UPPER LIGHT CLUSTER

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



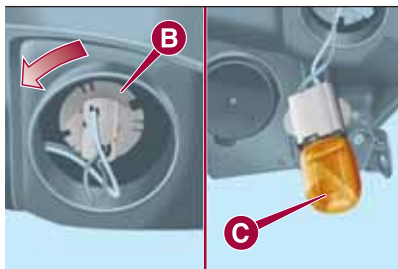
117

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.



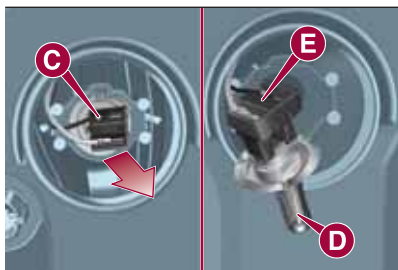
118

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;

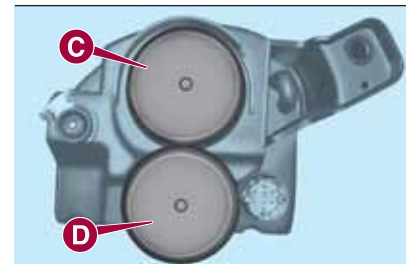
- ☐ refit the connector and bulb holder C unit in its housing;
- ☐ then refit the cover B fig. 117.

## 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)



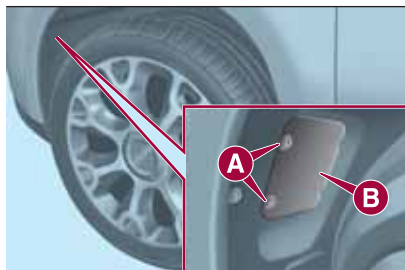
120

F0Y0024C

## MAIN BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

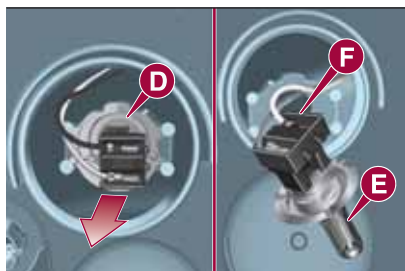
- ☐ steer the wheel completely inwards;
- ☐ undo the screws A fig. 121 and remove the flap B;
- ☐ remove cover C fig. 122;



121

F0Y0145C

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



122

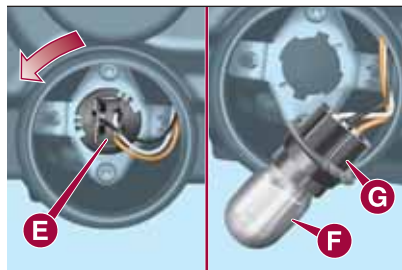
F0Y0025C

- ❑ 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

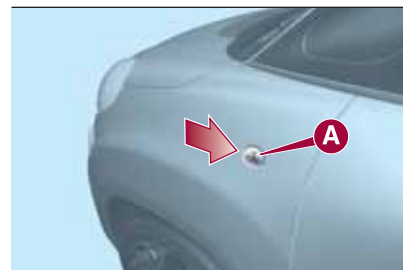
F0Y0026C

- ❑ 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:

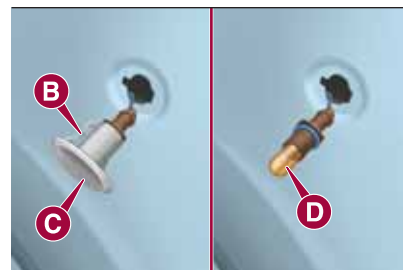
- ❑ adjust the lens A fig. 124 to compress in the internal catch B fig. 125, then pull the cluster outwards;



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;



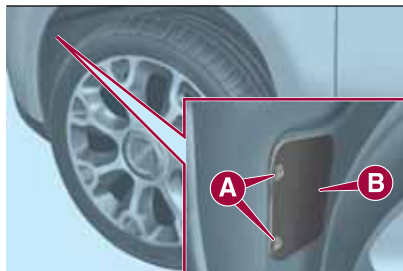
❑ refit the cluster making sure that the internal catch B fig. 125 clips into position.

## FOG LIGHTS

(for versions/markets, where provided)

To replace the bulb, proceed as follows:

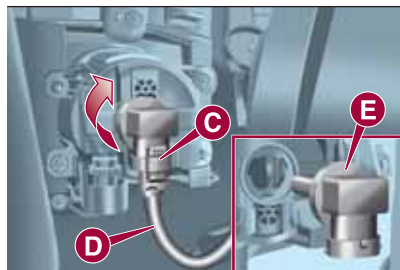
- ❑ steer the wheel completely inwards;
- ❑ undo the screws A fig. 126 and remove the flap B;



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

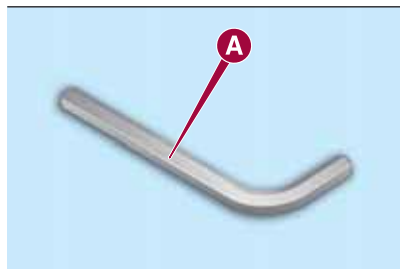
F0Y0033C

## 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

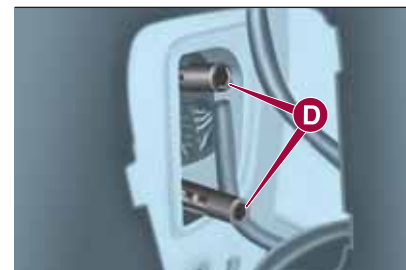
F0Y0149C



129

F0Y0150C

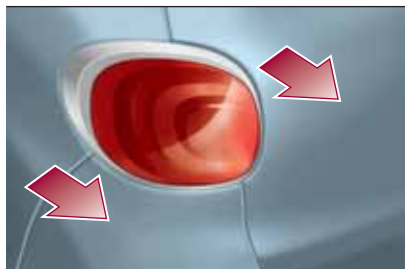
- ❑ use Allen key A to unscrew fixing devices D fig. 130 of the rear light cluster;
- ❑ extract the light cluster by removing it with both hands in the direction indicated by the arrows fig. 131;



130

F0Y0258C

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



131

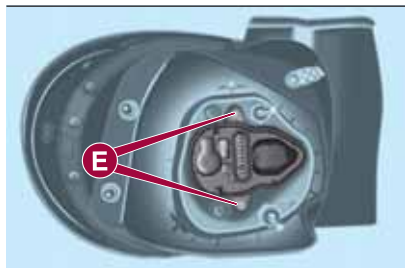
FOY0151C

## 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:

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



132

FOY0027C

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



133

FOY0028C



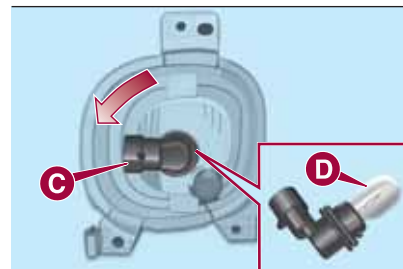
134

FOY0032C

□ 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

FOY0029C

□ 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

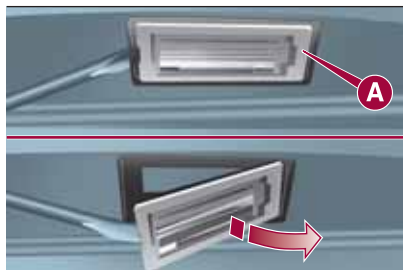
To replace the bulbs proceed as follows:

□ remove lens A fig. 136;

□ replace the bulb B fig. 137 releasing it from the side contacts;

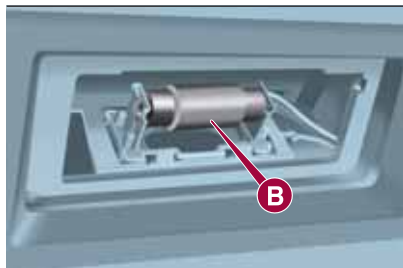
□ Insert the new bulb and make sure that it is correctly clamped between the contacts, then refit the lens A fig. 136.





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**

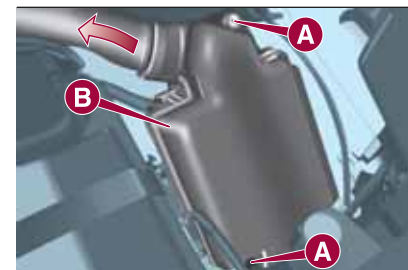
**134) 135) 136) 137) 138) 139)** **67)**

**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.

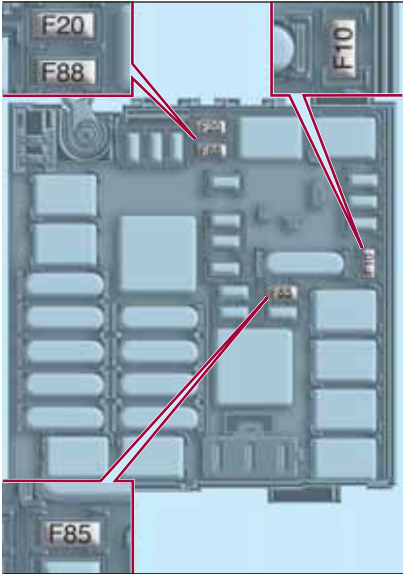


138

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.

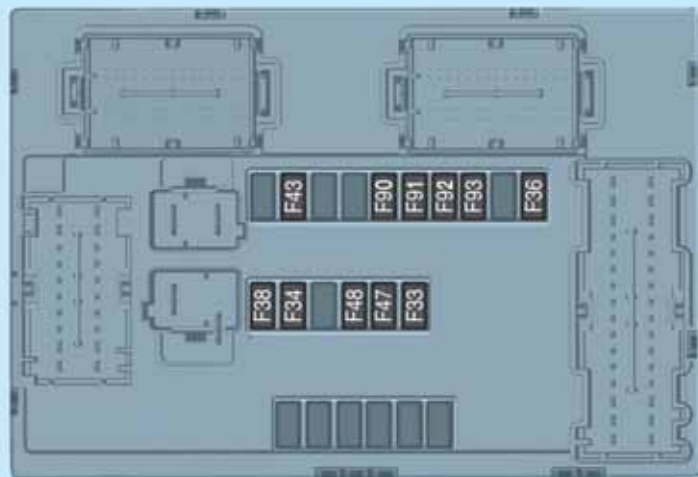
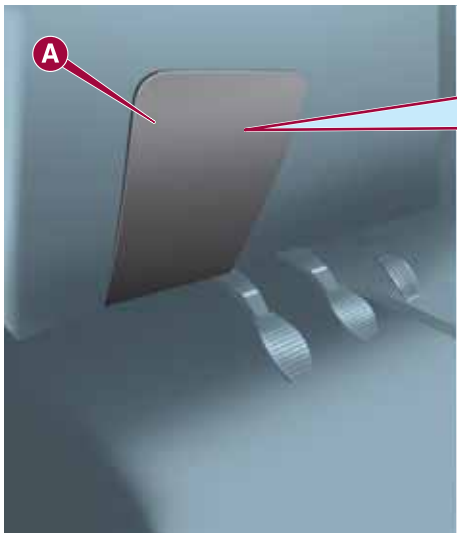


139

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.

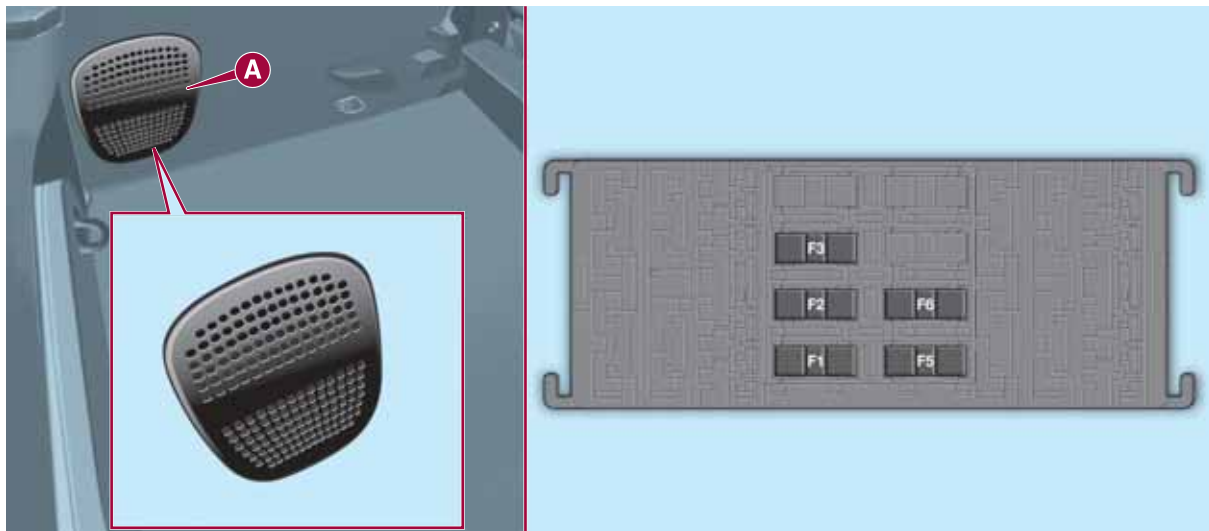


140

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), <b>Uconnect™</b> 5" Radio, <b>Uconnect™</b> 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

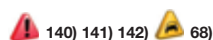
If the battery is flat, a jump starting can be performed using the battery and the cables of another vehicle, or using a booster battery.

### 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



**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

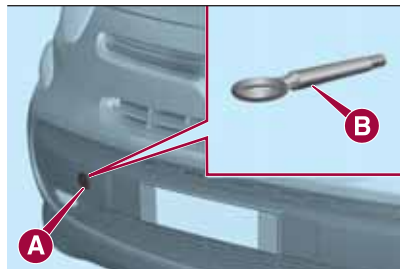


**144) 145) 146) 147)**

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.

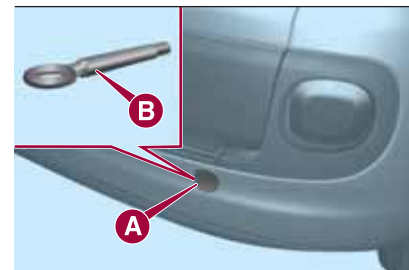


142

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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## 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 (4)                                       |    | ●  |    | ●  |    | ●  |     | ●   |     | ●   |
| 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.

(4) The brake fluid replacement has to be done every two years, irrespective of the mileage

| 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) (5)                                    |    |    |    |    |    |    |     | ●   |     |     |
| Replace toothed timing drive belt (0.9 TwinAir versions excluded) (5) |    |    |    |    |    |    |     | ●   |     |     |
| Replace air cleaner cartridge (6)                                     |    | ●  |    | ●  |    | ●  |     | ●   |     | ●   |
| Replace passenger compartment cleaner (6) (O) (●)                     | O  | ●  | O  | ●  | O  | ●  | O   | ●   | O   | ●   |

(5) 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.

(6) 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 (7)                        |    | ●  |    | ●  |     | ●   |     | ●   |     | ●   |
| 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.

(7) The brake fluid replacement has to be done every two years, irrespective of the mileage

(O) Recommended operations

(●) Mandatory operations

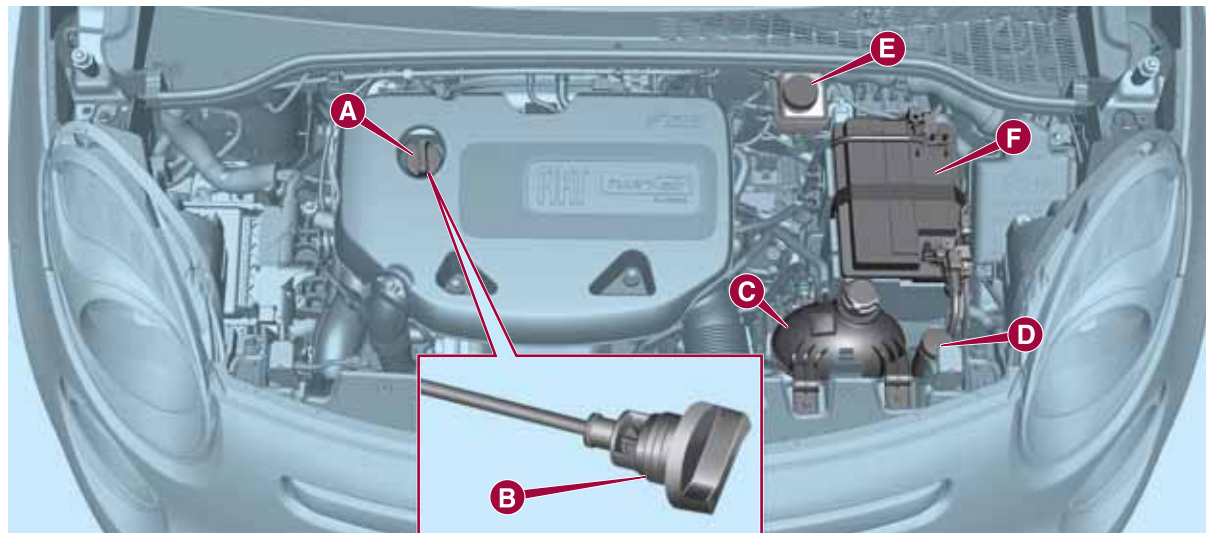
# ENGINE COMPARTMENT

## CHECKING LEVELS



148) 149) 69)

### 0.9 TwinAir Turbo 105 HP versions



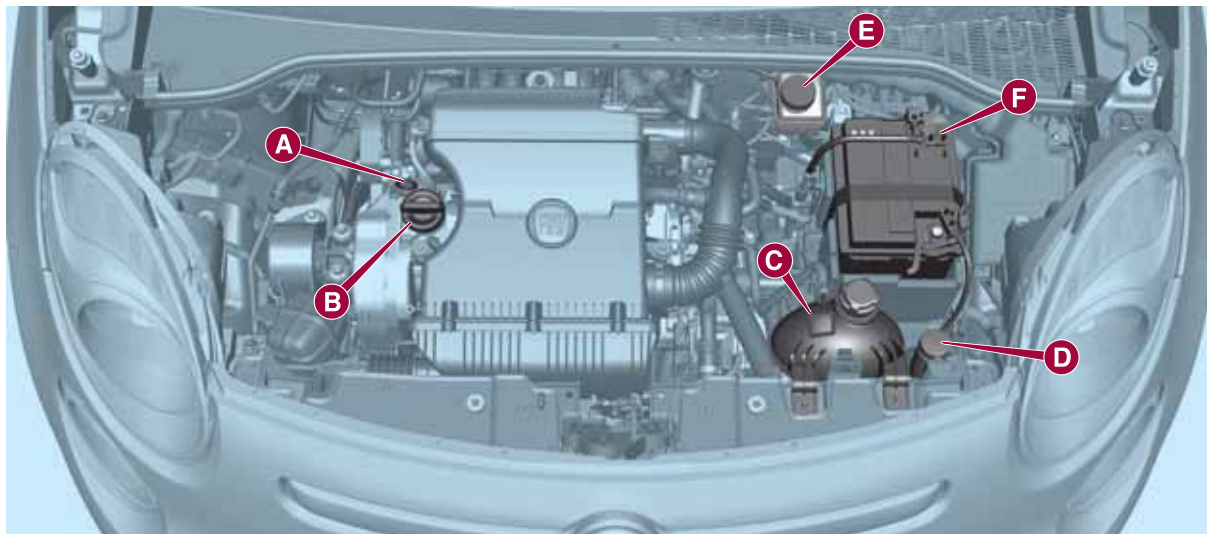
144

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

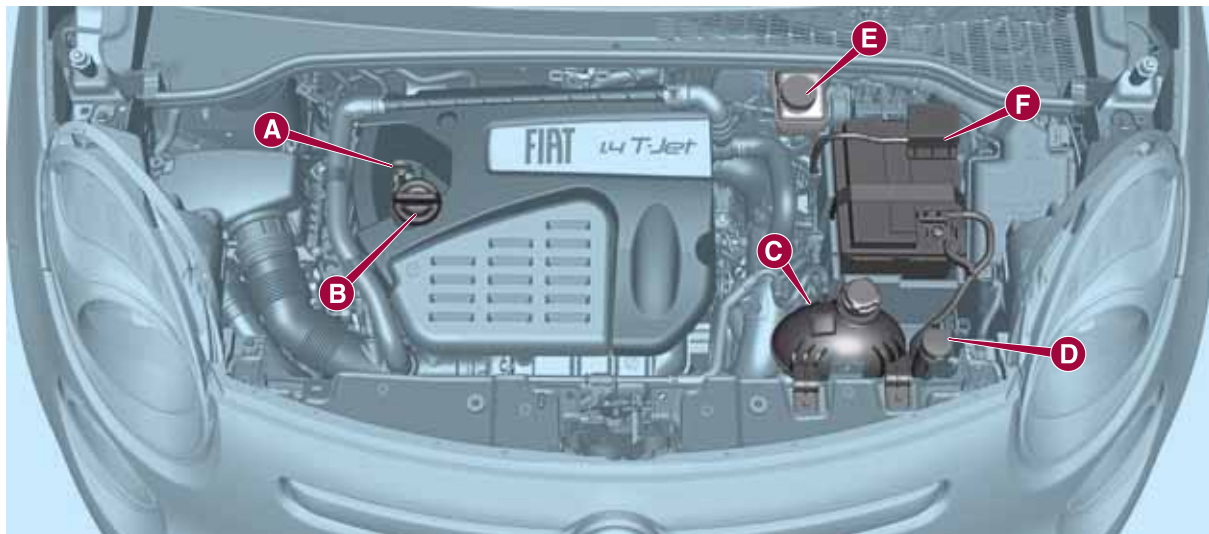


145

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



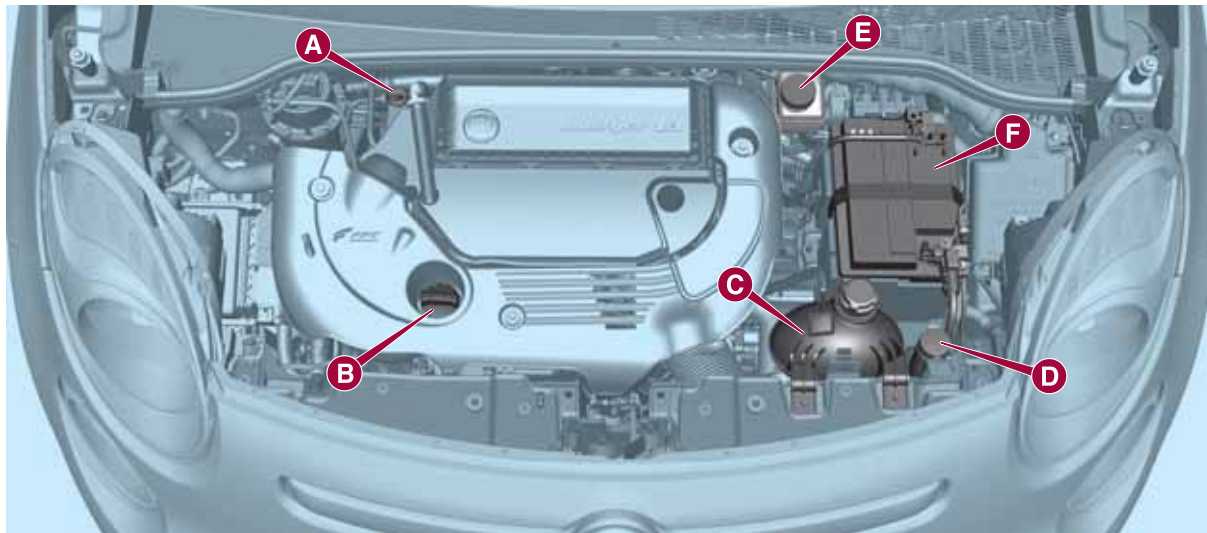
146

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

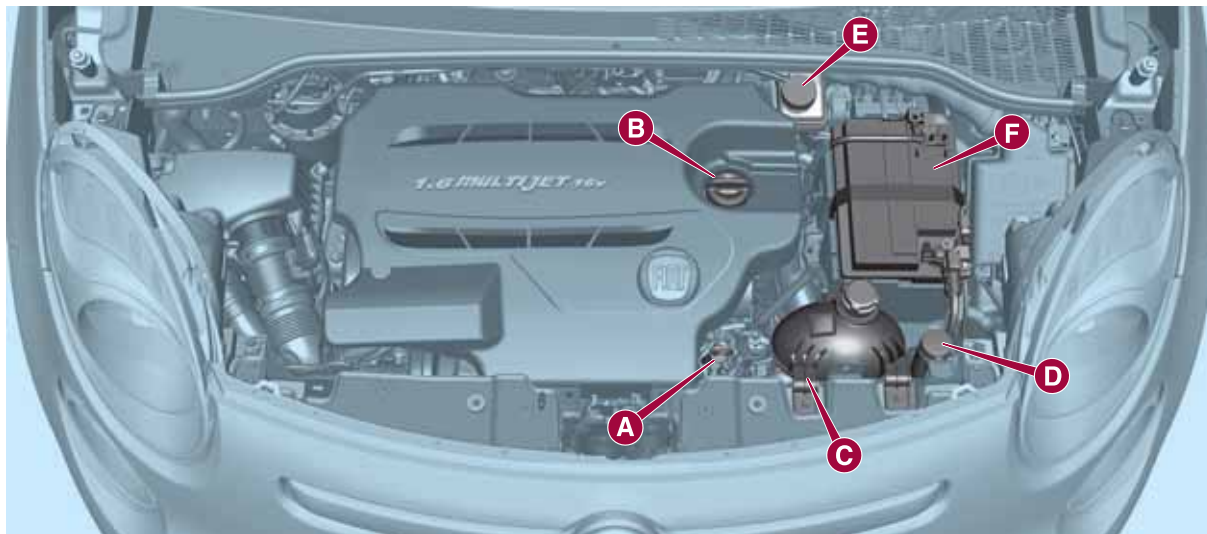


147

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

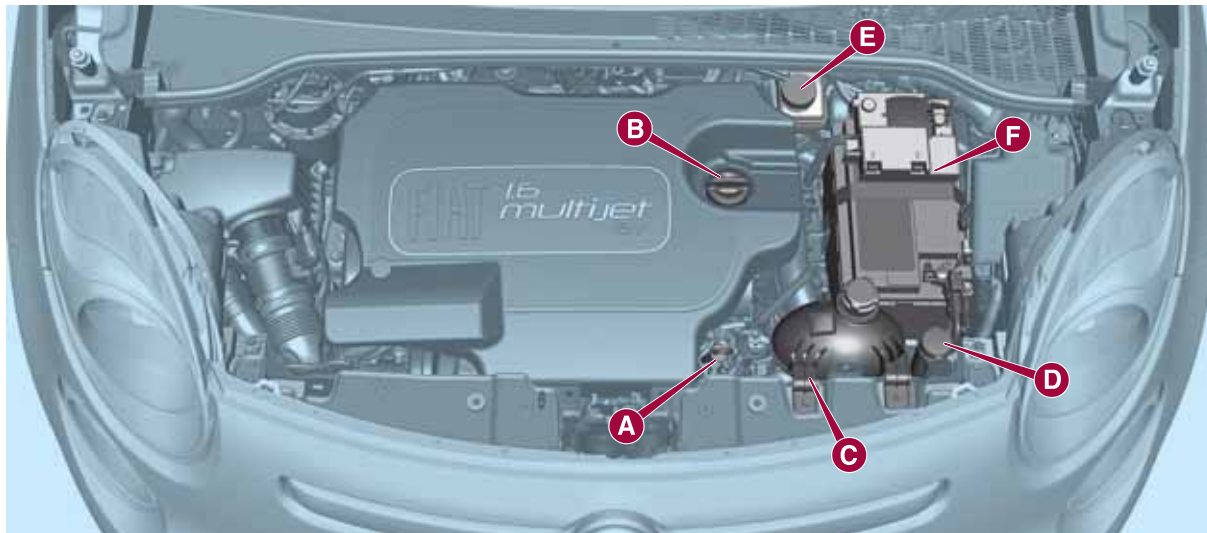


148

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

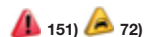
## ENGINE OIL



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



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



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



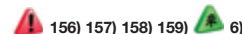
Check that the fluid is at the max. level. If the fluid level in the reservoir is too low, undo reservoir cap E and add the fluid described in the "Technical Specifications" chapter.

## DUALOGIC GEARBOX CONTROL OIL



The gearbox control oil level should only be checked at a Fiat Dealership.

## BATTERY



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 <sup>UP</sup> 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 <sup>UP</sup> 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.

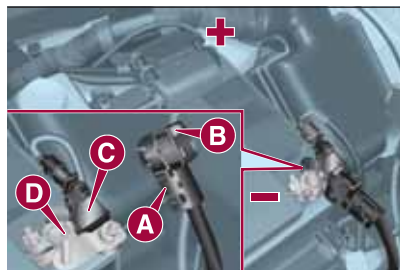
## VERSIONS WITH Stop/Start SYSTEM

(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.



150

F0Y0153C



## 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.

**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.

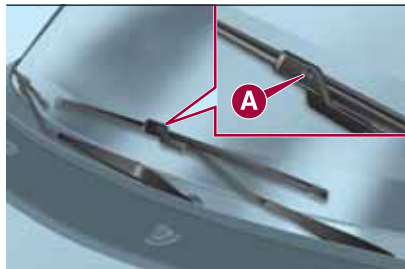
## WINDSCREEN/REAR WINDOW WIPER



### 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.



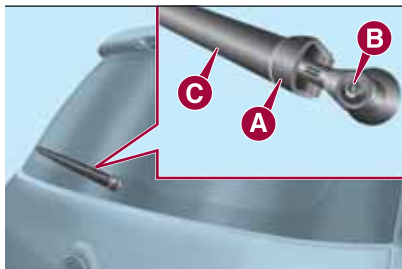
151

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.



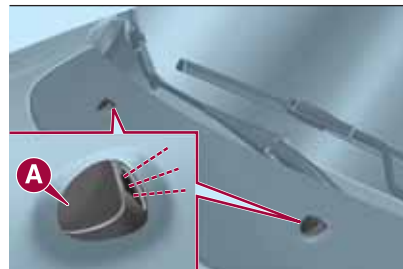
152

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.

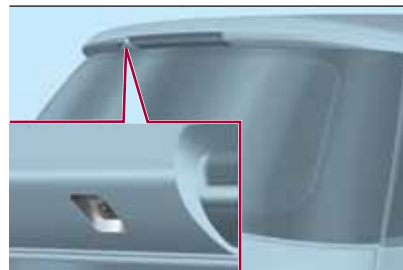


153

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



### 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



### 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



*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.*

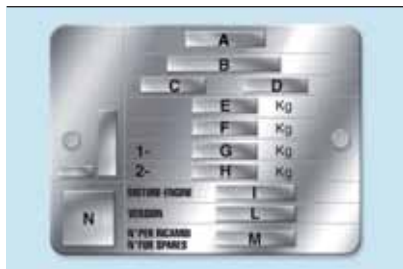
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## IDENTIFICATION DATA

### 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

F0Y0501C

- A** Name of manufacturer.
- 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.

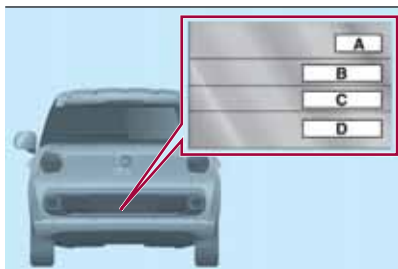
**L** Bodywork version code.

**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.

## ENGINE CODES - BODYWORK VERSIONS

### VERSIONS FOR COMPLIANCE WITH NEW STANDARDS

| Versions                       | Engine codes | Bodywork versions         |
|--------------------------------|--------------|---------------------------|
| <b>0.9 TwinAir Turbo 105HP</b> | 199B6000     | 199LYC1B L2U              |
|                                |              | 199LYC1B L2V (****)       |
|                                |              | 199LYC1B L2Z (*)          |
|                                |              | 199LYC1B L2AF (**)        |
|                                |              | 199LYC1B L2AG (***)       |
|                                |              | 199LYC1B HL2Z (*) (****)  |
|                                |              | 199LYC1B L2AA (*) (****)  |
| <b>1.4 16V 95 HP</b>           | 843A1000     | 199LYC1B HL2AA (*) (****) |
|                                |              | 199LYB1B L1G              |
|                                |              | 199LYB1B L1N (*)          |
|                                |              | 199LYB1B L1L (**)         |
| <b>1.4 16V 120HP</b>           | 940B7000     | 199NYB1B LBOC (****)      |
|                                |              | 199LYF1B L7AC             |
|                                |              | 199LYF1B L7AD (*)         |
|                                |              | 199LYF1B L7AE (**)        |
|                                |              | 199LYF1B L7AF (****)      |

(\*\*\*\*) For specific markets

(\*) Trekking versions

(\*\*) 500L LIVING version (5-seater)

(\*\*\*) 500L LIVING version (7-seater)

(\*\*\*\*) PRO versions



| Versions                  | Engine codes | Bodywork versions |
|---------------------------|--------------|-------------------|
| <b>1.4 16V 120 HP LPG</b> | 940B7000     | 199LYF1B L7AN     |
|                           |              | 199LYF1B L7AP (*) |

(\*) Trekking versions

## ENGINE

| 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 <sup>3</sup> ) | 875                             |                                               | 875                                           |          |
| Compression ratio                     | 10 ± 0.2                        |                                               | 10 ± 0.2                                      |          |
|                                       | METHANE                         | PETROL                                        |                                               |          |
| Maximum power (EC) (kW)               | 59                              | 62.5                                          | 77                                            | 72 (*)   |
| Maximum power (EC) (HP)               | 80                              | 85                                            | 105                                           | 98 (*)   |
| corresponding engine speed (rpm)      | 5500                            | 5500                                          | 5500                                          | 5750 (*) |
| Maximum torque (EC) (Nm)              | 145                             | 145                                           | 145                                           | 120 (*)  |
| Maximum torque (EC) (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) |          |
| Emission level                        | Euro 5 / Euro 6                 |                                               | Euro 6                                        |          |

(\*) Engine data with ECO button pressed



| Versions                         | 1.4 16V 95 HP                                           | 1.4 16V 120HP                                           | 1.4 16V 120 HP LPG        |                                                         |
|----------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------|---------------------------------------------------------|
| Type code                        | 843A1000                                                | 940B7000                                                | 940B7000                  |                                                         |
| Cycle                            | Otto                                                    | Otto                                                    | Otto                      |                                                         |
| Number and position of cylinders | 4 in line                                               | 4 in line                                               | 4 in line                 |                                                         |
| Piston bore and stroke (mm)      | 72.0 x 84.0                                             | 72.0 x 84.0                                             | 72.0 x 84.0               |                                                         |
| Total displacement (cm³)         | 1368                                                    | 1368                                                    | 1368                      |                                                         |
| Compression ratio                | 11 ± 0,2                                                | 9.8 ± 0,2                                               | 9.8 ± 0,2                 |                                                         |
|                                  |                                                         |                                                         | LPG                       | PETROL                                                  |
| Maximum power (EC) (kW)          | 70                                                      | 88                                                      | 88                        | 88                                                      |
| Maximum power (EC) (HP)          | 95                                                      | 120                                                     | 120                       | 120                                                     |
| corresponding engine speed (rpm) | 6000                                                    | 5000                                                    | 5000                      | 5000                                                    |
| Maximum torque (EC) (Nm)         | 127                                                     | 215                                                     | 215                       | 215                                                     |
| Maximum torque (EC) (kgm)        | 12.9                                                    | 22                                                      | 22                        | 22                                                      |
| corresponding engine speed (rpm) | 4500                                                    | 2500                                                    | 2500                      | 2500                                                    |
| Spark plugs                      | NGK DCPR7E-N-10                                         | NGK IKR9J8                                              | NGK IKR9J8                |                                                         |
| Fuel                             | Unleaded petrol 95<br>R.O.N. (EN 228<br>specifications) | Unleaded petrol 95<br>R.O.N. (EN 228<br>specifications) | LPG for motor<br>vehicles | Unleaded petrol 95<br>R.O.N. (EN 228<br>specifications) |
| Emission level                   | Euro 6                                                  | Euro 6                                                  | Euro 6                    |                                                         |

| Versions                         | 1.3 16V 85HP Multijet                            | 1.3 16V 95HP Multijet                            |
|----------------------------------|--------------------------------------------------|--------------------------------------------------|
| Type code                        | 199B4000                                         | 330A1000                                         |
| Cycle                            | Diesel                                           | Diesel                                           |
| Number and position of cylinders | 4 in line                                        | 4 in line                                        |
| Piston bore and stroke (mm)      | 69.6 x 82.0                                      | 69.6 x 82.0                                      |
| Total displacement (cm³)         | 1248                                             | 1248                                             |
| Compression ratio                | 16.8 ± 0,4                                       | 16.8 ± 0,4                                       |
| Maximum power (EC) (kW)          | 62                                               | 70                                               |
| Maximum power (EC) (HP)          | 85                                               | 95                                               |
| corresponding engine speed (rpm) | 3500                                             | 3750                                             |
| Maximum torque (EC) (Nm)         | 200                                              | 215                                              |
| Maximum torque (EC) (kgm)        | 20.4                                             | 21.9                                             |
| corresponding engine speed (rpm) | 1500                                             | 1500                                             |
| Fuel                             | Diesel for motor vehicles (EN 590 Specification) | Diesel for motor vehicles (EN 590 Specification) |
| Emission level                   | Euro 5                                           | Euro 6                                           |



| Versions                              | 1.6 16V 105 HP MultiJet                          | 1.6 16V 120 HP MultiJet                          |
|---------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Type code                             | 199B5000                                         | 955A3000 (*) / 940C1000 (**)                     |
| Cycle                                 | Diesel                                           | Diesel                                           |
| Number and position of cylinders      | 4 in line                                        | 4 in line                                        |
| Piston bore and stroke (mm)           | 79.5 x 80.5                                      | 79.5 x 80.5                                      |
| Total displacement (cm <sup>3</sup> ) | 1598                                             | 1598                                             |
| Compression ratio                     | 16.5 ± 0,4                                       | 16.5 ± 0,4                                       |
| Maximum power (EC) (kW)               | 77                                               | 88                                               |
| Maximum power (EC) (HP)               | 105                                              | 120                                              |
| corresponding engine speed (rpm)      | 3750                                             | 3750                                             |
| Maximum torque (EC) (Nm)              | 320                                              | 320                                              |
| Maximum torque (EC) (kgm)             | 32.6                                             | 32.6                                             |
| corresponding engine speed (rpm)      | 1750                                             | 1750                                             |
| Fuel                                  | Diesel for motor vehicles (EN 590 Specification) | Diesel for motor vehicles (EN 590 Specification) |
| Emission level                        | Euro 5                                           | Euro 5 / Euro 6                                  |

(\*) Euro 5 versions

(\*\*) Euro 6 versions

## WHEELS



### RIMS AND TYRES PROVIDED

**IMPORTANT** If there are any discrepancies between the Owner Handbook and the registration document, take the information from the latter. For safe driving, the car must be fitted with tyres of the same make and type on all wheels.

#### 500L versions

| Versions                           | Rims             | Tyres          | Snow tyres           | Space-saver wheel (*)<br>Rim / Tyre |
|------------------------------------|------------------|----------------|----------------------|-------------------------------------|
| 0.9 TwinAir Turbo<br>Natural Power | 6Jx15 H2 ET 39   | 195/65 R15 91H | 195/65 R15 91Q (M+S) | 4JX16 H ET 15<br>T135/70 R16 100M   |
|                                    | 6Jx16 H2 ET 36.5 | 205/55 R16 91H | 205/55 R16 91Q (M+S) |                                     |
|                                    | 6½Jx16 H2 ET 39  |                |                      |                                     |
|                                    | 7J x 17 H2 ET 41 | 225/45 R17 91V | 225/45 R17 91Q (M+S) |                                     |
| 0.9 TwinAir Turbo<br>105HP         | 6Jx15 H2 ET 39   | 195/65 R15 91H | 195/65 R15 91Q (M+S) | 4JX16 H ET 15<br>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 91V | 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<br>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 91V | 225/45 R17 91Q (M+S) |                                     |
| 1.4 16V 120HP                      | 6Jx16 H2 ET 36.5 | 205/55 R16 91H | 205/55 R16 91Q (M+S) | 4JX16 H ET 15<br>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 (*)<br>Rim / Tyre |
|------------------|------------------|----------------------|----------------------|-------------------------------------|
| 1.3 16V MultiJet | 6Jx15 H2 ET 39   | 195/65 R15 91H       | 195/65 R15 91Q (M+S) | 4JX16 H ET 15<br>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 91V       | 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<br>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 91V       | 225/45 R17 91Q (M+S) |                                     |

(\*) For versions/markets, where provided

(\*\*\*) 1.6 16V 105HP Multijet versions

### 500L Trekking versions

| Versions            | Rims             | Tyres          | Snow tyres           | Space-saver wheel (*)<br>Rim / Tyre |
|---------------------|------------------|----------------|----------------------|-------------------------------------|
| <b>All versions</b> | 6Jx16 H2 ET 36.5 | 205/55 R16 91H | 205/55 R16 91Q (M+S) | 4JX16 H ET 15<br>T135/70 R16 100M   |
|                     | 6½Jx16 H2 ET 39  |                |                      |                                     |
|                     | 7Jx17 H2 ET 41   | 225/45 R17 91V | 225/45 R17 91Q (M+S) |                                     |

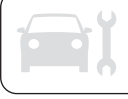
(\*) For versions/markets, where provided

## 500L LIVING versions

| Versions                           | Rims                | Tyres               | Snow tyres           | Space-saver wheel (*)<br>Rim / Tyre |
|------------------------------------|---------------------|---------------------|----------------------|-------------------------------------|
| 0.9 TwinAir Turbo<br>Natural Power | 6Jx15 H2 ET 39      | 195/65 R15 91H      | 195/65 R15 91Q (M+S) | 4JX16 H ET 15<br>T135/70 R16 100M   |
|                                    | 6Jx16 H2 ET 36.5    | 205/55 R16 91H      | 205/55 R16 91Q (M+S) |                                     |
|                                    | 6½Jx16 H2 ET 39     |                     |                      |                                     |
|                                    | 7J x 17 H2 ET 41    | 225/45 R17 91V      | 225/45 R17 91Q (M+S) |                                     |
| 0.9 TwinAir Turbo<br>105HP         | 6Jx15 H2 ET 39 (**) | 195/65 R15 91H (**) | 195/65 R15 91Q (M+S) | 4JX16 H ET 15<br>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 91V      | 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<br>T135/70 R16 100M   |
|                                    | 6Jx16 H2 ET 36.5    | 205/55 R16 91H      | 205/55 R16 91Q (M+S) |                                     |
|                                    | 6½Jx16 H2 ET 39     |                     |                      |                                     |
|                                    | 7J x 17 H2 ET 41    | 225/45 R17 91V      | 225/45 R17 91Q (M+S) |                                     |
| 1.4 16V 120HP                      | 6Jx16 H2 ET 36.5    | 205/55 R16 91H      | 205/55 R16 91Q (M+S) | 4JX16 H ET 15<br>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<br>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 91V      | 225/45 R17 91Q (M+S) |                                     |

(\*) For versions/markets, where provided

(\*\*) 5-seater versions



| Versions                | Rims                 | Tyres                | Snow tyres           | Space-saver wheel (*)<br>Rim / Tyre |
|-------------------------|----------------------|----------------------|----------------------|-------------------------------------|
| <b>1.6 16V Multijet</b> | 6Jx15 H2 ET 39 (***) | 195/65 R15 91H (***) | 195/65 R15 91Q (M+S) |                                     |
|                         | 6Jx16 H2 ET 36.5     | 205/55 R16 91H       | 205/55 R16 91Q (M+S) | 4Jx16 H ET 15<br>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

(\*\*\*) Only 1.6 16V 105HP Multijet 5-seater versions

## 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 91V        | 2.2                 | 2.0  | 2.5       | 2.5  |                       |
| 225/45 R17 91V (****) | 2.4                 | 2.0  | 2.5       | 2.5  |                       |
| 225/45 R17 91V (***)  | 2.4                 | 2.2  | 2.6       | 2.8  |                       |

(\*) For versions/markets, where provided

(\*\*) 1.6 16V 105HP Multijet version

(\*\*\*\*) 1.6 16V 120HP Multijet version

(\*\*\*) Trekking versions



## 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        |                       |
| 205/55 R16 91H GoodYear (**) | 2.6 (***)           | 2.4 (***)  | 2.6 (***)  | 2.8 (***)  |                       |
| 205/55 R16 91H GoodYear (**) | 2.2 (****)          | 2.0 (****) | 2.5 (****) | 2.5 (****) |                       |
| 225/45 R17 91V               | 2.2                 | 2.0        | 2.5        | 2.8        |                       |

(\*) For versions/markets, where provided

(\*\*) For specific markets

(\*\*\*) 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            | 4.2                   |
| 205/55 R16 91H | 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 91V 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

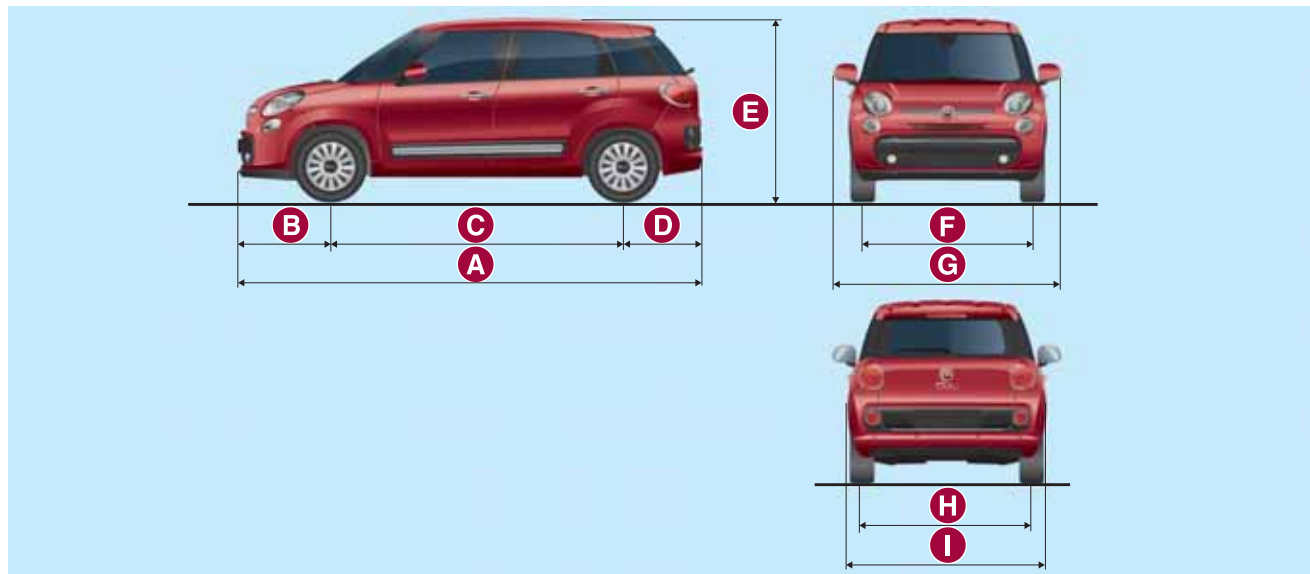
**83)** Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, steps and pavements and avoid driving for long distances on roads not covered with snow to prevent damaging the car and the road surface.



## 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



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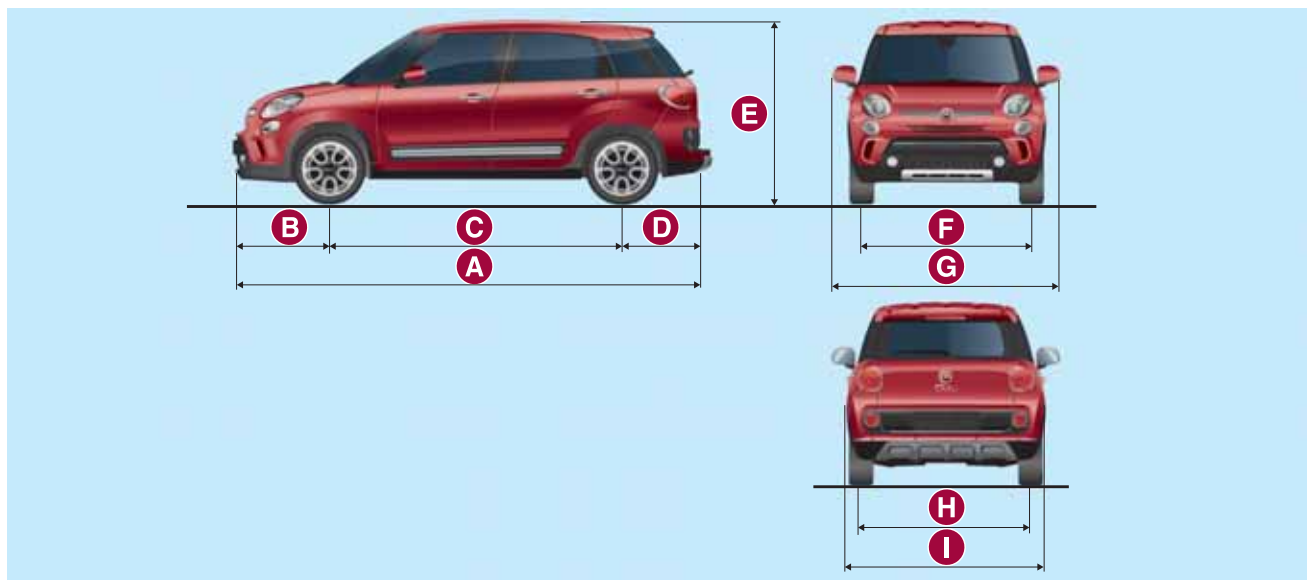
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| A    | B   | C    | D   | E                 | F (*) | G    | H (*) | I    |
|------|-----|------|-----|-------------------|-------|------|-------|------|
| 4147 | 829 | 2612 | 706 | 1658/1678<br>(**) | 1522  | 2018 | 1519  | 1784 |

(\*) Minor variations in size are possible depending on the dimensions of the rims.

(\*\*) Natural Power versions.

## 500L Trekking versions



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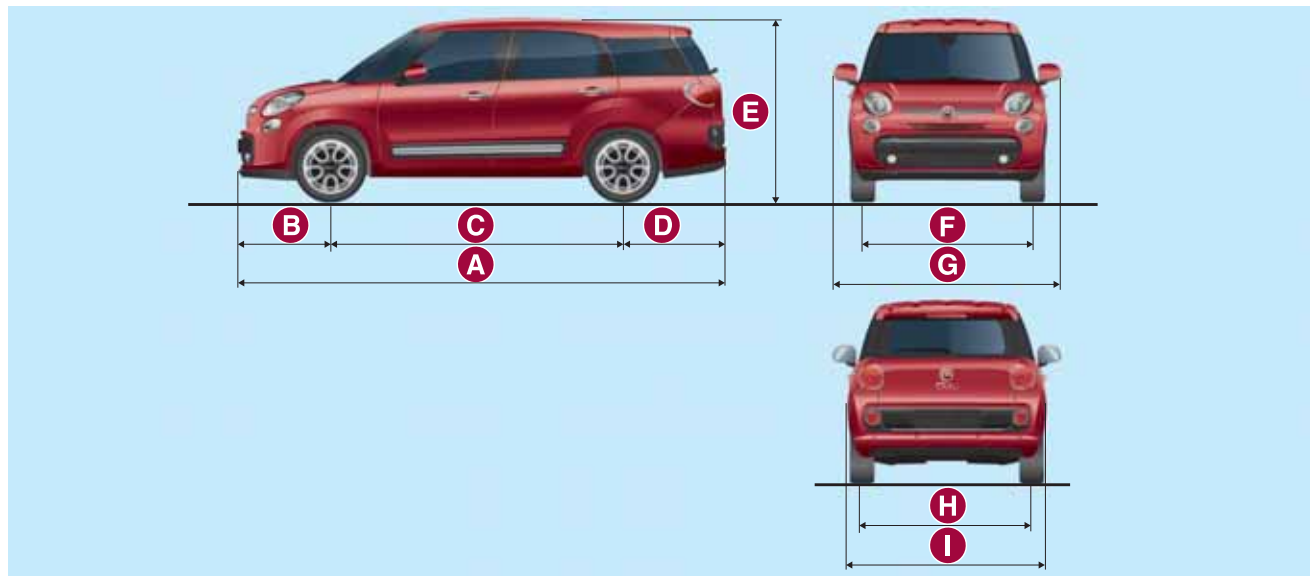
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| A    | B   | C    | D   | E    | F (*)     | G    | H (*)     | I    |
|------|-----|------|-----|------|-----------|------|-----------|------|
| 4270 | 868 | 2612 | 790 | 1679 | 1513/1522 | 2018 | 1511/1519 | 1800 |

(\*) Minor variations in size are possible depending on the dimensions of the rims.



# 500L LIVING versions



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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               |
|----------------------------------------|--------------------|
| <b>0.9 TwinAir Turbo Natural Power</b> | 167 (*) / 163 (**) |
| <b>0.9 TwinAir Turbo 105 HP</b>        | 180                |
| <b>1.4 16V 95 HP</b>                   | 178                |
| <b>1.4 16V 95 HP PRO</b>               | 178                |
| <b>1.4 16V 120 HP</b>                  | 189                |
| <b>1.4 16V 120 HP LPG</b>              | 189                |
| <b>1.3 16V 85HP Multijet</b>           | 165                |
| <b>1.3 16V 85HP Multijet PRO</b>       | 165                |
| <b>1.3 16V 85HP Multijet Dualogic</b>  | 164                |
| <b>1.3 16V 95HP Multijet</b>           | 171                |
| <b>1.3 16V 95HP Multijet PRO</b>       | 171                |
| <b>1.3 16V 95HP MultiJet Dualogic</b>  | 169                |
| <b>1.6 16V 105 HP MultiJet</b>         | 181                |
| <b>1.6 16V 105 HP MultiJet PRO</b>     | 181                |
| <b>1.6 16V 120 HP MultiJet</b>         | 189                |
| <b>1.6 16V 120HP Multijet PRO</b>      | 189                |

(\*) Running on petrol

(\*\*) Running on methane



## 500L Trekking versions

| Versions                              | km/h |
|---------------------------------------|------|
| <b>0.9 TwinAir Turbo 105 HP</b>       | 173  |
| <b>1.4 16V 95 HP</b>                  | 165  |
| <b>1.4 16V 120 HP</b>                 | 183  |
| <b>1.4 16V 120 HP LPG</b>             | 183  |
| <b>1.3 16V 85HP Multijet</b>          | 160  |
| <b>1.3 16V 85HP Multijet Dualogic</b> | 158  |
| <b>1.3 16V 95HP Multijet</b>          | 166  |
| <b>1.3 16V 95HP MultiJet Dualogic</b> | 163  |
| <b>1.6 16V 105 HP MultiJet</b>        | 175  |
| <b>1.6 16V 120 HP MultiJet</b>        | 183  |

## 500L LIVING versions

| Versions                               | km/h               |
|----------------------------------------|--------------------|
| <b>0.9 TwinAir Turbo Natural Power</b> | 167 (*) / 163 (**) |
| <b>0.9 TwinAir Turbo 105 HP</b>        | 180                |
| <b>1.4 16V 95 HP</b>                   | 178                |
| <b>1.4 16V 120 HP</b>                  | 189                |
| <b>1.3 16V 85HP Multijet</b>           | 165                |
| <b>1.3 16V 85HP Multijet Dualogic</b>  | 164                |
| <b>1.3 16V 95HP Multijet</b>           | 171                |
| <b>1.3 16V 95HP MultiJet Dualogic</b>  | 169                |
| <b>1.6 16V 105 HP MultiJet</b>         | 181                |
| <b>1.6 16V 120 HP MultiJet</b>         | 189                |

(\*) Running on petrol

(\*\*) Running on methane



# WEIGHTS

## 500L / 500L Trekking VERSIONS

| Weights (kg)                                                                         | 0.9 TwinAir Turbo Natural Power | 0.9 TwinAir Turbo 105HP |
|--------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| Unladen weight (with all fluids, fuel tank 90% full and without optional equipment): | 1390                            | 1260 / 1270 (*)         |
| Payload including the driver (**)                                                    | 505                             | 560 / 545 (*)           |
| Maximum permitted loads (***)                                                        |                                 |                         |
| – front axle:                                                                        | 1050                            | 1050                    |
| – rear axle:                                                                         | 1000                            | 1000                    |
| – total:                                                                             | 1895                            | 1820 / 1815 (*)         |
| Towable loads                                                                        |                                 |                         |
| – braked trailer:                                                                    | –                               | 1000                    |
| – non-braked trailer:                                                                | –                               | 400                     |
| Maximum load on roof:                                                                | 60                              | 60                      |
| Maximum load on ball joint (braked trailer):                                         | –                               | 60                      |

(\*) Trekking 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.

| Weights (kg)                                                                         | 1.4 16V 95 HP               | 1.4 16V 120HP   |
|--------------------------------------------------------------------------------------|-----------------------------|-----------------|
| Unladen weight (with all fluids, fuel tank 90% full and without optional equipment): | 1245 / 1255 (*) / 1270 (**) | 1290 / 1300 (*) |
| Payload including the driver (***)                                                   | 560 / 545 (*) / 575 (**)    | 560             |
| Maximum permitted loads (****)                                                       |                             |                 |
| – front axle:                                                                        | 1050                        | 1050            |
| – rear axle:                                                                         | 1000                        | 1000            |
| – total:                                                                             | 1805 / 1800 (*) / 1845 (**) | 1850 / 1860 (*) |
| Towable loads                                                                        |                             |                 |
| – braked trailer:                                                                    | 1000                        | 1000            |
| – 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.



| Weights (kg)                                                                         | 1.4 16V 120 HP LPG | 1.3 16V 85HP Multijet       | 1.3 16V 85HP 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               | 1000                        | 1000                           |
| – non-braked trailer:                                                                | 400                | 400                         | 400                            |
| Maximum load on roof:                                                                | 60                 | 60                          | 60                             |
| Maximum load on ball joint (braked trailer):                                         | 60                 | 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.

| Weights (kg)                                                                         | 1.3 16V 95HP Multijet       | 1.3 16V 95HP Multijet Dualogic |
|--------------------------------------------------------------------------------------|-----------------------------|--------------------------------|
| Unladen weight (with all fluids, fuel tank 90% full and without optional equipment): | 1305 / 1315 (*) / 1320 (**) | 1305 / 1315 (*)                |
| Payload including the driver (****)                                                  | 540 / 575 (**)              | 545 / 540 (*)                  |
| Maximum permitted loads (*****)                                                      |                             |                                |
| – front axle:                                                                        | 1050                        | 1050                           |
| – rear axle:                                                                         | 1000                        | 1000                           |
| – total:                                                                             | 1845 / 1855 (*) / 1895 (**) | 1850 / 1855 (*)                |
| Towable loads                                                                        |                             |                                |
| – braked trailer:                                                                    | 1000                        | 1000                           |
| – 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.



| Weights (kg)                                                                         | 1.6 16V 105 HP MultiJet     | 1.6 16V 120HP Multijet Euro 5 |
|--------------------------------------------------------------------------------------|-----------------------------|-------------------------------|
| 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.

| Weights (kg)                                                                         | 1.6 16V 120 HP MultiJet       | 1.6 16V 120HP Multijet Trekking (*) |
|--------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|
| Unladen weight (with all fluids, fuel tank 90% full and without optional equipment): | 1380 / 1390 (**)              | 1430                                |
| Payload including the driver (****)                                                  | 540 / 560 (***)               | 505                                 |
| Maximum permitted loads (*****)                                                      |                               |                                     |
| – front axle:                                                                        | 1050                          | 1050                                |
| – rear axle:                                                                         | 1000                          | 1000                                |
| – total:                                                                             | 1920 / 1930 (**) / 1940 (***) | 1935                                |
| 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                                  |

(\*) Version for specific markets

(\*\*) Trekking 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.

(\*\*\* PRO versions

(\*\*\*\*\* 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<br>Natural Power | 0.9 TwinAir Turbo 105HP |                   |
|--------------------------------------------------------------------------------------|------------------------------------|-------------------------|-------------------|
|                                                                                      |                                    | 5-seater versions       | 7-seater versions |
| Unladen weight (with all fluids, fuel tank 90% full and without optional equipment): | 1420                               | 1290                    | 1320              |
| Payload including the driver (*)                                                     | 500                                | 515                     | 645               |
| Maximum permitted loads (**)                                                         |                                    |                         |                   |
| - front axle:                                                                        | 1050                               | 1050                    | 1050              |
| - rear axle:                                                                         | 1000                               | 1000                    | 1080              |
| - total:                                                                             | 1920                               | 1805                    | 1965              |
| Towable loads                                                                        |                                    |                         |                   |
| - braked trailer:                                                                    | –                                  | 1000                    | 1000              |
| - non-braked trailer:                                                                | –                                  | 400                     | 400               |
| Maximum load on roof:                                                                | 60                                 | 60                      | 60                |
| Maximum load on ball joint (braked trailer):                                         | –                                  | 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.

| Weights (kg)                                                                         | 1.4 16V 95 HP     | 1.4 16V 120HP     |                   |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|
|                                                                                      | 5-seater versions | 5-seater versions | 7-seater versions |
| Unladen weight (with all fluids, fuel tank 90% full and without optional equipment): | 1275              | 1320              | 1360              |
| Payload including the driver (*)                                                     | 545               | 560               | 560               |
| Maximum permitted loads (**)                                                         |                   |                   |                   |
| - front axle:                                                                        | 1050              | 1050              | 1050              |
| - rear axle:                                                                         | 1000              | 1000              | 1000              |
| - total:                                                                             | 1800              | 1880              | 1920              |
| Towable loads                                                                        |                   |                   |                   |
| - braked trailer:                                                                    | 1000              | 1000              | 1000              |
| - non-braked trailer:                                                                | 400               | 400               | 400               |
| Maximum load on roof:                                                                | 60                | 60                | 60                |
| Maximum load on ball joint (braked trailer):                                         | 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                                                                                 | 1.3 16V 85HP Multijet |                   | 1.3 16V 85HP 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                                                                                 | 1.3 16V 95HP Multijet |                   | 1.3 16V 95HP 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) | 1320                  | 1320              | 1320                           | 1320              |
| Payload including the driver (*)                                                         | 575                   | 700               | 575                            | 705               |
| Maximum permitted loads (**)                                                             |                       |                   |                                |                   |
| – front axle:                                                                            | 1050                  | 1050              | 1050                           | 1050              |
| – rear axle:                                                                             | 1000                  | 1080              | 1000                           | 1080              |
| - total:                                                                                 | 1895                  | 2020              | 1895                           | 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 (*) / 1410 (**)    | 1430              |
| Payload including the driver (***)                                                       | 520                     | 650               | 540 (*) / 530 (**)      | 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                |

(\*) Euro 5 versions

(\*\*) Euro 6 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.

## SUPPLIES

|                                                            | 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 <sup>UP</sup> (***)                                        |
| Engine sump (litres)                                       | 2.8               | 2.8           | 2.75           | SELENIA DIGITEK P.E. (0.9 TwinAir Turbo version)<br>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/differential casing (litres)                       | 1.76              | 1.76          | 2.0            | TUTELA TRANSMISSION GEARFORCE                                                                         |
| Hydraulic brake circuit (kg)                               | 0.5               | 0.5           | 0.5            | TUTELA TOP 4/S                                                                                        |
| Windscreen and rear window washer fluid reservoir (litres) | 2.9               | 2.9           | 2.9            | Mixture of water and PETRONAS DURANCE 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<sup>UP</sup> 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 <sup>UP</sup> (*) |
| 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                              |
|                                                            |                  |                  | (°) TUTELA TRANSMISSION GEARFORCE                            |
| Dualogic gearbox hydraulic activation system (litres)      | 0.7              | –                | TUTELA CS SPEED                                              |
| Hydraulic brake circuit (kg)                               | 0.5              | 0.5              | TUTELA TOP 4/S                                               |
| Windscreen and rear window washer fluid reservoir (litres) | 2.9              | 2.9              | Mixture of water and PETRONAS DURANCE SC35                   |

(\*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60-40 mixture of PARAFLU<sup>UP</sup> 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)

### PRODUCT SPECIFICATIONS

| Use                                                             | Characteristics                   | Specification                  | Original fluids and lubricants                                                  | Replacement interval                  |
|-----------------------------------------------------------------|-----------------------------------|--------------------------------|---------------------------------------------------------------------------------|---------------------------------------|
| Lubricant for petrol engines (0.9 TwinAir Turbo 105 HP version) | <b>SAE 0W-30</b> ACEA C2 / API SN | <b>9.55535-GS1 or MS.90048</b> | <b>SELENIA DIGITEK P.E.</b> Contractual Technical Reference N° F020.B12         | According to Scheduled Servicing Plan |
| Lubricant for petrol engines (1.4 16V version)                  | <b>SAE 5W-40</b> ACEA C3          | <b>9.55535-S2</b>              | <b>SELENIA K P.E.</b> Contractual Technical Reference N° F603.C07               | According to Scheduled Servicing Plan |
| Lubricant for petrol/methane and petrol/LPG engines             | <b>SAE 5W-40</b> ACEA C3          | <b>9.55535-T2</b>              | <b>SELENIA MULTIPOWER GAS 5W-40</b> Contractual Technical Reference N° F922.E09 | According to Scheduled Servicing Plan |
| Lubricant for diesel engines                                    | <b>SAE 0W-30</b> ACEA C2          | <b>9.55535-DS1 or MS.90047</b> | <b>SELENIA WR FORWARD</b> Contractual Technical Reference N° F842.F13           | According to Scheduled Servicing Plan |

If lubricants conforming to the specific request are not available, products that meet the indicated specifications can be used to top up; in this case optimal performance of the engine is not guaranteed.



#### 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                                           | Characteristics                                                                                                                                               | Specification                     | Original fluids and lubricants                                                   | Applications                                                             |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Lubricants and greases for drive transmission | SAE 75W- 85 grade synthetic lubricant.<br>9.55550-MX3                                                                                                         | <b>9.55550-MX3</b>                | <b>TUTELA TRANSMISSION TECHNIX</b> Contractual Technical Reference No. F010.B05  | Manual gearbox and differential (only for 1.3 16V MultiJet versions)     |
|                                               | SAE 75W grade synthetic lubricant.                                                                                                                            | <b>9.55550-MZ6 or MS.90030-M1</b> | <b>TUTELA TRANSMISSION GEARFORCE</b> Contractual Technical Reference N° F002.F10 | Manual gearbox and differential                                          |
|                                               | Fully synthetic lubricant with dedicated additive.                                                                                                            | <b>9.55550-SA1 or MS.90030-H1</b> | <b>TUTELA CS SPEED</b> Contractual Technical Reference N°F005.F98                | Dualogic gearbox hydraulic activation system                             |
|                                               | Molybdenum disulphide grease, for use at high operating temperatures. N.L.G.I. consistency 1-2.                                                               | <b>9.55580-GRAS II</b>            | <b>TUTELA ALL STAR</b> Contractual Technical Reference N° F702.G07               | Wheel side constant velocity joints                                      |
|                                               | Specific grease for constant velocity joints with low friction coefficient. N.L.G.I. consistency 0-1.                                                         | <b>9.55580-GRAS II</b>            | <b>TUTELA STAR 700</b> Contractual Technical Reference N° 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.                                                | <b>9.55597 or MS.90039</b>        | <b>TUTELA TOP 4/S</b> Contractual Technical Reference N° F001.A93                | Hydraulic brakes and hydraulic clutch controls                           |
| 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. | <b>9.55523 or MS.90032</b>        | <b>PARAFU<sup>UP</sup></b> Contractual Technical Reference N° F101.M01           | Cooling circuit usage percentage: 50% water 50% PARAFU <sup>UP</sup> (*) |
| Windscreen/rear window washer fluid           | Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications.                                                                                    | <b>9.55522 or MS.90043</b>        | <b>PETRONAS DURANCE SC 35</b> Contractual Technical Reference N° F001.D16        | To be used diluted or undiluted in screen washer/wiper systems           |

(\*) When the vehicle is used in particularly harsh weather conditions, we recommend using a mixture of 60% **PARAFU<sup>UP</sup>** 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.

**IMPORTANT** For some versions/markets the "ECO" fuel consumption values shown in the following tables are obtained only using the Goodyear 205/55 R16 91H tyre.

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

#### 500L versions

| Versions                                                     | Urban         | Extra-urban   | Combined      |
|--------------------------------------------------------------|---------------|---------------|---------------|
| <b>0.9 TwinAir Turbo Natural Power (Euro 5)</b>              | 6.4 / 6.5 (A) | 4.6 / 4.6 (A) | 5.3 / 5.3 (A) |
| <b>0.9 TwinAir Turbo Natural Power (Euro 6)</b>              | 7.2 / 7.2 (A) | 5.2 / 5.1 (A) | 5.9 / 5.9 (A) |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (B)</b>                 | 5.7           | 4.3           | 4.8           |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (B) (C)</b>             | 5.6           | 4.2           | 4.7           |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (B) (D)</b>             | 5.7           | 4.2           | 4.8           |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (B) (C) (D)</b>         | 5.6           | 4.1           | 4.7           |
| <b>1.4 16V 95HP (Euro 6) / 1.4 16V 95HP PRO (Euro 6) (C)</b> | 8.1           | 5.0           | 6.1           |
| <b>1.4 16V 120HP (Euro 6)</b>                                | 9.1           | 5.6           | 6.9           |

(A) Methane fuel supply (m<sup>3</sup>/100 km)

(B) Type-approval test starting in 2<sup>nd</sup> gear

(C) Versions for specific markets with control tyre 205/55 R16 Goodyear

(D) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)



| Versions                                                                         | Urban              | Extra-urban       | Combined          |
|----------------------------------------------------------------------------------|--------------------|-------------------|-------------------|
| <b>1.4 16V 120HP (Euro 6) (C)</b>                                                | 8.2                | 5.1               | 6.2               |
| <b>1.4 16V 120HP (Euro 6) (D)</b>                                                | 8.8                | 5.4               | 6.7               |
| <b>1.4 16V 120HP LPG (Euro 6)</b>                                                | 9.1 (E) / 11.7 (F) | 5.6 (E) / 7.2 (F) | 6.9 (E) / 8.9 (F) |
| <b>1.4 16V 120HP LPG (Euro 6) (D)</b>                                            | 8.8 (E) / 11.4 (F) | 5.4 (E) / 7.0 (F) | 6.7 (E) / 8.6 (F) |
| <b>1.3 16V 85HP Multijet (Euro 5) / 1.3 16V 85HP Multijet PRO (Euro 5)</b>       | 5.0                | 3.7               | 4.2               |
| <b>1.3 16V 95HP Multijet (Euro 6) / 1.3 16V 95HP Multijet PRO (Euro 6)</b>       | 4.9                | 3.6               | 4.1               |
| <b>1.3 16V 85HP Multijet Dualogic (Euro 5)</b>                                   | 4.5                | 3.7               | 4.0               |
| <b>1.3 16V 95HP Multijet Dualogic (Euro 6)</b>                                   | 4.5                | 3.6               | 3.9               |
| <b>1.6 16V 105HP Multijet (Euro 5) / 1.6 16V 105HP Multijet PRO (Euro 5)</b>     | 5.4                | 3.9               | 4.5               |
| <b>1.6 16V 105HP Multijet (Euro 5) / 1.6 16V 105HP Multijet PRO (Euro 5) (C)</b> | 5.3                | 3.8               | 4.4               |
| <b>1.6 16V 120HP Multijet (Euro 5)</b>                                           | 5.5                | 4.0               | 4.6               |
| <b>1.6 16V 120HP Multijet (Euro 5) (C)</b>                                       | 5.4                | 3.9               | 4.5               |
| <b>1.6 16V 120HP Multijet (Euro 6) / 1.6 16V 120HP Multijet PRO (Euro 6)</b>     | 4.6                | 4.0               | 4.2               |
| <b>1.6 16V 120HP Multijet (Euro 6) (C)</b>                                       | 4.5                | 3.9               | 4.1               |

(C) Versions for specific markets with control tyre 205/55 R16 GoodYear

(D) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)

(E) Running on petrol

(F) Running on LPG

The fuel consumption figures for Dualogic versions refer to the AUTO-ECO mode.

## 500L Trekking versions

| Versions                                             | Urban              | Extra-urban       | Combined          |
|------------------------------------------------------|--------------------|-------------------|-------------------|
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (A)</b>         | 6.0                | 4.6               | 5.1               |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (A) (C)</b>     | 5.8                | 4.5               | 5.0               |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (A) (B)</b>     | 5.8                | 4.3               | 4.9               |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (A) (B) (C)</b> | 5.6                | 4.3               | 4.8               |
| <b>1.4 16V 95HP (Euro 6)</b>                         | 8.4                | 5.3               | 6.4               |
| <b>1.4 16V 95HP (Euro 6) (B)</b>                     | 8.2                | 5.0               | 6.2               |
| <b>1.4 16V 120HP (Euro 6)</b>                        | 9.3                | 5.7               | 7.0               |
| <b>1.4 16V 120HP (Euro 6) (C)</b>                    | 8.2                | 5.1               | 6.2               |
| <b>1.4 16V 120HP (Euro 6) (B)</b>                    | 9.0                | 5.4               | 6.7               |
| <b>1.4 16V 120HP LPG (Euro 6)</b>                    | 9.3 (D) / 12.1 (E) | 5.7 (D) / 7.4 (E) | 7.0 (D) / 9.1 (E) |
| <b>1.4 16V 120HP LPG (Euro 6) (B)</b>                | 9.0 (D) / 11.7 (E) | 5.4 (D) / 7.0 (E) | 6.7 (D) / 8.7 (E) |
| <b>1.3 16V 85HP Multijet (Euro 5)</b>                | 5.2                | 3.8               | 4.3               |
| <b>1.3 16V 95HP Multijet (Euro 6)</b>                | 5.1                | 3.6               | 4.2               |
| <b>1.3 16V 85HP Multijet Dualogic (Euro 5)</b>       | 4.7                | 3.9               | 4.2               |
| <b>1.3 16V 95HP Multijet Dualogic (Euro 6)</b>       | 4.5                | 3.7               | 4.0               |
| <b>1.6 16V Multijet 105HP (Euro 5)</b>               | 5.6                | 4.1               | 4.7               |
| <b>1.6 16V Multijet 105HP (Euro 5) (C)</b>           | 5.5                | 4.0               | 4.6               |
| <b>1.6 16V 120HP Multijet (Euro 5)</b>               | 5.8                | 4.2               | 4.8               |

(A) Type-approval test starting in 2<sup>nd</sup> gear

(C) Versions for specific markets with control tyre 205/55 R16 GoodYear

(B) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)

(D) Running on petrol

(E) Running on LPG



| Versions                                   | Urban | Extra-urban | Combined |
|--------------------------------------------|-------|-------------|----------|
| <b>1.6 16V 120HP Multijet (Euro 5) (C)</b> | 5.6   | 4.1         | 4.7      |
| <b>1.6 16V 120HP Multijet (Euro 6)</b>     | 4.9   | 4.0         | 4.3      |
| <b>1.6 16V 120HP Multijet (Euro 6) (C)</b> | 4.7   | 4.0         | 4.3      |

(C) Versions for specific markets with control tyre 205/55 R16 GoodYear

The fuel consumption figures for Dualogic versions refer to the AUTO-ECO mode.

## 500L LIVING versions

| Versions                                            | Urban             | Extra-urban       | Combined          |
|-----------------------------------------------------|-------------------|-------------------|-------------------|
| <b>0.9 TwinAir Turbo Natural Power (Euro 5) (C)</b> | 7.2 (A) / 7.2 (B) | 5.2 (A) / 5.2 (B) | 5.9 (A) / 5.9 (B) |
| <b>0.9 TwinAir Turbo Natural Power (Euro 6) (C)</b> | 7.2 (A) / 7.2 (B) | 5.2 (A) / 5.1 (B) | 5.9 (A) / 5.9 (B) |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (C)</b>        | 5.7               | 4.3               | 4.8               |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (C) (D)</b>    | 5.7               | 4.2               | 4.8               |
| <b>1.4 16V 95HP (Euro 6)</b>                        | 8.1               | 5.0               | 6.1               |
| <b>1.4 16V 120HP (Euro 6)</b>                       | 9.1 (E) / 9.3 (F) | 5.6 (E) / 5.7 (F) | 6.9 (E) / 7.0 (F) |
| <b>1.4 16V 120HP (Euro 6) (G)</b>                   | 8.2               | 5.1               | 6.2               |
| <b>1.4 16V 120HP (Euro 6) (D)</b>                   | 8.8 (E) / 9.1 (F) | 5.4 (E) / 5.5 (F) | 6.7 (E) / 6.8 (F) |
| <b>1.3 16V 85HP Multijet (Euro 5)</b>               | 5.0               | 3.7               | 4.2               |
| <b>1.3 16V 95HP Multijet (Euro 6)</b>               | 4.9               | 3.6               | 4.1               |
| <b>1.3 16V 85HP Multijet Dualogic (Euro 5)</b>      | 4.5               | 3.7               | 4.0               |
| <b>1.3 16V 95HP Multijet Dualogic (Euro 6)</b>      | 4.5               | 3.6               | 3.9               |
| <b>1.6 16V 105HP Multijet (Euro 5)</b>              | 5.4               | 3.9               | 4.5               |
| <b>1.6 16V 120HP Multijet (Euro 5)</b>              | 5.5               | 4.0               | 4.6               |
| <b>1.6 16V 120HP Multijet (Euro 6)</b>              | 4.6               | 4.0               | 4.2               |

(C) Type-approval test starting in 2<sup>nd</sup> gear

(A) Running on petrol

(B) Methane fuel supply (m<sup>3</sup>/100 km)

(D) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)

(E) 5-seater versions

(F) 7-seater versions

(G) Versions for specific markets with control tyre 205/55 R16 GoodYear

The fuel consumption figures for Dualogic versions refer to the AUTO-ECO mode.



## CO<sub>2</sub> EMISSIONS

The CO<sub>2</sub> emission levels given in the following tables refer to combined consumption.

IMPORTANT On some versions/markets the CO<sub>2</sub> emission values shown in the following tables are obtained only using the GoodYear 205/55 R16 91H tyre.

### 500L versions

| Versions                                                 | CO <sub>2</sub> EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km) |
|----------------------------------------------------------|--------------------------------------------------------------------------|
| <b>0.9 TwinAir Turbo Natural Power (Euro 5)</b>          | 137 (A) / 105 (B)                                                        |
| <b>0.9 TwinAir Turbo Natural Power (Euro 6)</b>          | 137 (A) / 105 (B)                                                        |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6)</b>                 | 112                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (C)</b>             | 109                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (D)</b>             | 111                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (C) (D)</b>         | 108                                                                      |
| <b>1.4 16V 95HP (Euro 6) / 1.4 16V 95HP PRO (Euro 6)</b> | 143                                                                      |
| <b>1.4 16V 120HP (Euro 6)</b>                            | 159                                                                      |
| <b>1.4 16V 120HP (Euro 6) (C)</b>                        | 145                                                                      |
| <b>1.4 16V 120HP (Euro 6) (D)</b>                        | 155                                                                      |
| <b>1.4 16V 120HP LPG (Euro 6)</b>                        | 159 (A) / 144 (E)                                                        |
| <b>1.4 16V 120HP LPG (Euro 6) (D)</b>                    | 155 (A) / 140 (E)                                                        |

(A) Running on petrol

(B) Running on methane

(C) Versions for specific markets with control tyre 205/55 R16 GoodYear

(D) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)

(E) Running on LPG

| Versions                                                                         | CO <sub>2</sub> EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km) |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>1.3 16V 85HP Multijet (Euro 5) / 1.3 16V 85HP Multijet PRO (Euro 5)</b>       | 110                                                                      |
| <b>1.3 16V 95HP Multijet (Euro 6) / 1.3 16V 95HP Multijet PRO (Euro 6)</b>       | 107                                                                      |
| <b>1.3 16V 85HP Multijet Dualogic (Euro 5)</b>                                   | 105                                                                      |
| <b>1.3 16V 95HP Multijet Dualogic (Euro 6)</b>                                   | 104                                                                      |
| <b>1.6 16V Multijet 105HP (Euro 5) / 1.6 16V Multijet 105HP PRO (Euro 5)</b>     | 117                                                                      |
| <b>1.6 16V Multijet 105HP (Euro 5) / 1.6 16V Multijet 105HP PRO (Euro 5) (C)</b> | 114                                                                      |
| <b>1.6 16V Multijet 120HP (Euro 5)</b>                                           | 120                                                                      |
| <b>1.6 16V Multijet 120HP (Euro 5) (C)</b>                                       | 117                                                                      |
| <b>1.6 16V Multijet 120HP (Euro 6) / 1.6 16V Multijet 120HP PRO (Euro 6)</b>     | 112                                                                      |
| <b>1.6 16V Multijet 120HP (Euro 6) (C)</b>                                       | 109                                                                      |

(C) Versions for specific markets with control tyre 205/55 R16 GoodYear



## 500L Trekking versions

| Versions                                         | CO <sub>2</sub> EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km) |
|--------------------------------------------------|--------------------------------------------------------------------------|
| <b>0.9 TwinAir Turbo 105 HP (Euro 6)</b>         | 119                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (A)</b>     | 116                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (B)</b>     | 113                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (A) (B)</b> | 110                                                                      |
| <b>1.4 16V 95HP (Euro 6)</b>                     | 149                                                                      |
| <b>1.4 16V 95HP (Euro 6) (B)</b>                 | 144                                                                      |
| <b>1.4 16V 120HP (Euro 6)</b>                    | 163                                                                      |
| <b>1.4 16V 120HP (Euro 6) (A)</b>                | 145                                                                      |
| <b>1.4 16V 120HP (Euro 6) (B)</b>                | 157                                                                      |
| <b>1.4 16V 120HP LPG (Euro 6)</b>                | 163 (C) / 148 (D)                                                        |
| <b>1.4 16V 120HP LPG (Euro 6) (B)</b>            | 157 (C) / 142 (D)                                                        |
| <b>1.3 16V 85HP Multijet (Euro 5)</b>            | 114                                                                      |
| <b>1.3 16V 95HP Multijet (Euro 6)</b>            | 114                                                                      |
| <b>1.3 16V 85HP Multijet Dualogic (Euro 5)</b>   | 109                                                                      |
| <b>1.3 16V 95HP Multijet Dualogic (Euro 6)</b>   | 106                                                                      |
| <b>1.6 16V Multijet 105HP (Euro 5)</b>           | 122                                                                      |
| <b>1.6 16V Multijet 105HP (Euro 5) (A)</b>       | 119                                                                      |

(A) Versions for specific markets with control tyre 205/55 R16 GoodYear

(B) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)

(C) Running on petrol

(D) Running on LPG

| Versions                                   | CO <sub>2</sub> EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE<br>(g/km) |
|--------------------------------------------|-----------------------------------------------------------------------------|
| <b>1.6 16V Multijet 120HP (Euro 5)</b>     | 125                                                                         |
| <b>1.6 16V Multijet 120HP (Euro 5) (A)</b> | 122                                                                         |
| <b>1.6 16V Multijet 120 HP (Euro 6)</b>    | 114                                                                         |
| <b>1.6 16V Multijet 120HP (Euro 6) (A)</b> | 111                                                                         |

(A) Versions for specific markets with control tyre 205/55 R16 GoodYear



## 500L LIVING versions

| Versions                                        | CO <sub>2</sub> EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km) |
|-------------------------------------------------|--------------------------------------------------------------------------|
| <b>0.9 TwinAir Turbo Natural Power (Euro 5)</b> | 137 (A) / 105 (B)                                                        |
| <b>0.9 TwinAir Turbo Natural Power (Euro 6)</b> | 137 (A) / 105 (B)                                                        |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6)</b>        | 112                                                                      |
| <b>0.9 TwinAir Turbo 105 HP (Euro 6) (C)</b>    | 111                                                                      |
| <b>1.4 16V 95HP (Euro 6)</b>                    | 145                                                                      |
| <b>1.4 16V 120HP (Euro 6)</b>                   | 159 (D) / 163 (E)                                                        |
| <b>1.4 16V 120HP (Euro 6) (D)</b>               | 145                                                                      |
| <b>1.4 16V 120HP (Euro 6) (C)</b>               | 155 (D) / 158 (E)                                                        |
| <b>1.3 16V 85HP Multijet (Euro 5)</b>           | 110                                                                      |
| <b>1.3 16V 85HP Multijet Dualogic (Euro 5)</b>  | 105                                                                      |
| <b>1.3 16V 95HP Multijet (Euro 6)</b>           | 110                                                                      |
| <b>1.3 16V 95HP Multijet Dualogic (Euro 6)</b>  | 104                                                                      |
| <b>1.6 16V Multijet 105HP (Euro 5)</b>          | 117                                                                      |
| <b>1.6 16V Multijet 120HP (Euro 5)</b>          | 120                                                                      |
| <b>1.6 16V Multijet 120HP (Euro 6)</b>          | 112                                                                      |

(A) Running on petrol

(B) Running on methane

(C) Version for compliance with new standards (see "Engine Codes - bodywork versions" table in this chapter)

(D) 5-seater versions

(E) 7-seater versions

## **PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE**

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FCA has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly "eco-compatible". To grant customers the best possible service in terms of respecting environmental laws and in response to European Directive 2000/53/EC governing vehicles at the end of their life, FCA is offering its customers the chance to hand over their vehicle at the end of its life without incurring any additional costs. The European Directive sets out that when the vehicle is handed over, the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value.

To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-authorized collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment. You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.





*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.*

## MULTIMEDIA

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| UCONNECT 5" RADIO LIVE / UCONNECT 5" RADIO NAV LIVE .... | 209 |

## 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.

### MULTIMEDIA DEVICES

**IMPORTANT** Some multimedia player may not be compatible with the **Uconnect™** system.

### 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 LIVE / Uconnect 5" Radio Nav LIVE

## QUICK GUIDE

Controls on front panel



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**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/APPS                                      |                                                                                   | Access to the additional functions (e.g. display of Time, Compass, Outside temperature, Media Radio, eco:Drive function data and <b>Uconnect™</b> LIVE services if provided) | Brief button press          |
| 9 - PHONE                                          |                                                                                   | Phone data display                                                                                                                                                           | Brief button press          |
| 10 - SETTINGS<br>(Uconnect 5" Radio LIVE versions) |                                                                                   | Access to the Vehicle Settings menu                                                                                                                                          | Brief button press          |
| 10 - NAV<br>(Uconnect 5" Radio Nav LIVE versions)  |                                                                                   | Access to the Navigation menu                                                                                                                                                | Brief button press          |
| 11 - MEDIA                                         |                                                                                   | Source selection: CD, USB/iPod, AUX or <b>Bluetooth®</b>                                                                                                                     | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Acceptance of the second incoming call and putting the active call on hold</li> <li><input type="checkbox"/> Activation of voice recognition for Phone function</li> <li><input type="checkbox"/> Interruption of the voice message in order to give a new voice command</li> <li><input type="checkbox"/> Interruption of voice recognition</li> </ul>                                                                                                                   |
|  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Reject incoming phone call/end phone call in progress</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | <p>Pressing the centre of the left wheel:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> deactivation/reactivation of the microphone during a phone conversation</li> <li><input type="checkbox"/> activation/deactivation of the CD, USB/iPod, <b>Bluetooth®</b> sources Pause</li> <li><input type="checkbox"/> activation/deactivation of radio Mute function</li> </ul>                                                                                                                                          |
|  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Turning wheel upwards or downwards: adjust audio volume: hands-free, SMS message reader, voice announcements and music sources.</li> <li><input type="checkbox"/> Short press on the wheel: volume increase/decrease by small steps / Long press: volume continuous increase/decrease until release</li> </ul>                                                                                                                                                            |
|  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Scroll through stored radio stations (presets)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | <ul style="list-style-type: none"> <li><input type="checkbox"/> Activation of voice recognition</li> <li><input type="checkbox"/> Interruption of the voice message in order to give a new voice command</li> <li><input type="checkbox"/> Interruption of voice recognition</li> </ul>                                                                                                                                                                                                                                                   |
|  | <p>Turning wheel upwards or downwards:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Short press (Radio mode): selection of next/previous station</li> <li><input type="checkbox"/> Long press (Radio mode): scan higher/lower frequencies until released</li> <li><input type="checkbox"/> Short press (CD, USB/iPod, <b>Bluetooth®</b> mode): selection of previous/next track</li> <li><input type="checkbox"/> Long press (CD, USB/iPod, <b>Bluetooth®</b> mode): fast forward/rewind until released</li> </ul> |
| <b>SRC</b>                                                                        | Pressing the right wheel in the centre: selection of audio sources available: Radio, CD, USB/iPod, AUX and <b>Bluetooth®</b>                                                                                                                                                                                                                                                                                                                                                                                                              |

## "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, .

## 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:



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FOY1000C

**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).

NOTE On some mobile phones, to make the SMS voice reading function available it is necessary to enable the SMS notification on your phone.

## LIVE Uconnect™ SERVICES

(where provided)

By pressing the MORE/APPS button, you can access the menu containing all applicative functions of the system, such as, for example: time display, **eco:Drive™** function data, Trip Computer, Settings, Compass (**Uconnect™ 5" Radio Nav LIVE** only), **Uconnect™ LIVE** Applications.

If there is the **Uconnect™ LIVE** icon, the system is prearranged for the connected services and it can be used directly from the menu of the **Uconnect™**, of applications for a more efficient and evolved use of the vehicle. The application functions are present according to the vehicle configuration and to the market.

To use the **Uconnect™ LIVE** services it is necessary:

❑ to download **Uconnect™ LIVE** App from "App Store" or "Google play" on your compatible smartphone, making sure that the data connection is enabled;

❑ register, through the **Uconnect™ LIVE App** on the [www.driveuconnect.eu](http://www.driveuconnect.eu) or [www.fiat.it](http://www.fiat.it) website

❑ start **Uconnect™ LIVE** App on the smartphone and enter your credentials.



For further information about the services available in your market, visit the [www.driveuconnect.eu](http://www.driveuconnect.eu) website

### First access to the vehicle

After starting the **Uconnect™ LIVE** App and entered your credentials, to access the **Uconnect™ LIVE** services on your car, pair **Bluetooth®** your smartphone with the system **Uconnect™**, as described in the "Pairing a mobile phone" paragraph. The list of supported mobile phones is available on [www.driveuconnect.eu](http://www.driveuconnect.eu). After pairing, press the **Uconnect™ LIVE** button on the display to access the connected services. When the activation process is completed, the display shows a dedicated message. If a personal profile is necessary for the services, your accounts can be connected through the **Uconnect™ LIVE** App, or in your personal area on [www.driveUconnect.eu](http://www.driveUconnect.eu).

### User not connected

If the phone is **Bluetooth®** not paired, pressing the **Uconnect™ LIVE** button, the system menu is shown with disabled icons except **eco:Drive™**. For further details on the **eco:Drive™** function refer to the dedicated paragraph.

### Services settings Uconnect™ LIVE which can be managed through the Uconnect system

Through the system menu **Uconnect™** dedicated to **Uconnect™ LIVE** services, press the icon  to access the "Settings" section. In this section you can check the system options and change them according to your preferences.

### System updates

If a system update is available **Uconnect™** when the **Uconnect™ LIVE** services are used, the display will show a dedicated message. The update includes the download of the new software version for managing the **Uconnect™ LIVE** services. The update is performed using the paired smartphone data traffic: the driver will be notified of the amount of traffic generated.

**IMPORTANT** To avoid jeopardizing the proper operation of the **Uconnect™** during the installation do not perform other operations, but wait for the completion.

### The Uconnect™ LIVE app

To access the services connected on the vehicle, it is necessary to install **Uconnect™ LIVE** on your smartphone, through which it is possible to manage your profile and customize your **Uconnect™ LIVE** experience. The App can be downloaded from "App Store" or "Google play".

For safety reasons, when the phone is paired to the system **Uconnect™**, the App is not accessible. Personal details (e-mail and password) are required to access the **Uconnect™ LIVE** services using the **Uconnect™** system menu: therefore, the content of your personal accounts is protected and can only be accessed by the real user.

### Connected services that can be accessed on the vehicle

The **Uconnect™ LIVE** services available in the system menu **Uconnect™** may vary depending on the market.

The **eco:Drive™** application was developed to improve the driving experience and therefore it can be used in all markets where **Uconnect™** the **LIVE** services are accessible. For further information visit the [www.driveuconnect.eu](http://www.driveuconnect.eu) website.

**Only for Uconnect™ 5" Radio Nav LIVE:** accessing the **Uconnect™ LIVE** services enables the TomTom LIVE services. Further information about the LIVE functions is available in the dedicated chapter.

### **eco:Drive™**

The **eco:Drive™** application allows you to display your driving behaviour in real time, in order to help you reach a more efficient driving style as far as consumption and emissions are concerned.

In addition, the data can be saved on an USB device or thanks to the **Uconnect™ LIVE** App, and the data analysis can be made on your personal computer thanks to the **eco:Drive™** application, available on [www.fiat.it](http://www.fiat.it) or [www.driveuconnect.eu](http://www.driveuconnect.eu).

Evaluation of the driving style is dependent on four indices that monitor the following parameters:

- ☐ Acceleration
- ☐ Deceleration
- ☐ Gearbox/transmission
- ☐ Speed

### **Display of the eco:Drive™**

Press the **eco:Drive™** button to interact with the function. A screen will be displayed showing the 4 indices described above. These indices are grey until the system has enough data to evaluate the driving style.

Once sufficient data are available, the indices will have 5 colours depending on the evaluation: dark green (very good), light green, yellow, orange and red (very bad).

"*Current route index*" refers to the entire value calculated in real time based on the average of the described indices. It represents eco-friendliness of the driving style: from 0 (low) to 100 (high). In the event of extended inactivity the display will show the average of the indices until that moment (the "*Average index*"), then the indices will be coloured again in real time as soon as the vehicle is restarted.

To check the data average of previous route (the "route" starts when the ignition key is turned to MAR and stops when it is turned to STOP), select the "*Previous route*" button.

The details of the previous trip can also be displayed by pressing the "*Details*" button, in which journey duration (time and mileage) and average speed will be reported.

### **Trip data storage and transfer**

The trip data can be stored in the system memory and transferred through a properly configured USB memory stick or by the **Uconnect™ LIVE App**.

This allows you to display the history of the collected data, showing the complete analysis of the trip data and of your driving style.

For further information visit the [www.driveuconnect.eu](http://www.driveuconnect.eu) website.



**IMPORTANT** Do not remove the USB memory stick nor unpair the smartphone and the **App Uconnect™ LIVE** before the system has downloaded the data, since these could be lost. During the data transfer phase on the devices, the display of **Uconnect™** could show messages to properly carry out the operation: refer to the information provided. These messages are only displayed with the ignition key at STOP and when a delay in the system switching off is set. **Uconnect™**. The data are automatically transferred to the devices when the engine is switched off. The data transferred are deleted from the system memory. You can choose to store the trip data or not, by pressing the "Settings" button and by setting the storage activation and the USB or Cloud transfer mode.

When the USB memory stick is full, the dedicated messages **Uconnect™** are shown on the radio display. When the **eco:Drive™** data are not transferred to USB memory stick for a long time, the internal memory of the system **Uconnect™** may be exhausted: in this case follow the recommendations provided by the messages on the display.

### my:Car

my:Car allows you to keep the "health condition" of your vehicle always under control. The my:Car application can detect malfunction in real time and inform the driver about the expiry of the servicing interval.

To interact with the application press the "my: Car" button: the display will show a screen with the "care:Index" section, which provides all the detailed information about the status of the vehicle. Pressing the "Active warnings" button it is possible to show (if present) the details of the vehicle faults which caused a warning light to switch on. The vehicle status can be shown both on [www.driveuconnect.eu](http://www.driveuconnect.eu) or through the **Uconnect™ LIVE** application.

### "SETTINGS" MENU

#### "Settings" menu display

*Versions with Uconnect 5" Radio LIVE:* press the SETTINGS button on the front panel.

*Versions with Uconnect 5" Radio Nav LIVE:* press the "Settings" button on the display.

The menu comprises the following options:

- ☐ Display;
- ☐ Clock & Date;

- ☐ Safety/Assistance (for versions/markets, where provided);
- ☐ Lights (for versions/markets where provided);
- ☐ Doors & Locks;
- ☐ Audio;
- ☐ Phone/Bluetooth;
- ☐ Radio;
- ☐ Restore default settings;
- ☐ Clear Personal Data.

### NAVIGATION MODE

(Uconnect 5" Radio Nav LIVE 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 LIVE 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](http://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 to 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 LIVE versions only)

The  button activates the following functions:

- ☐ Drive Home
- ☐ 2D view
- ☐ 3D view
- ☐ Clear route
- ☐ Add Favourite
- ☐ Repeat instruction



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## DASHBOARD

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



RIGHT HAND DRIVE VERSIONS

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

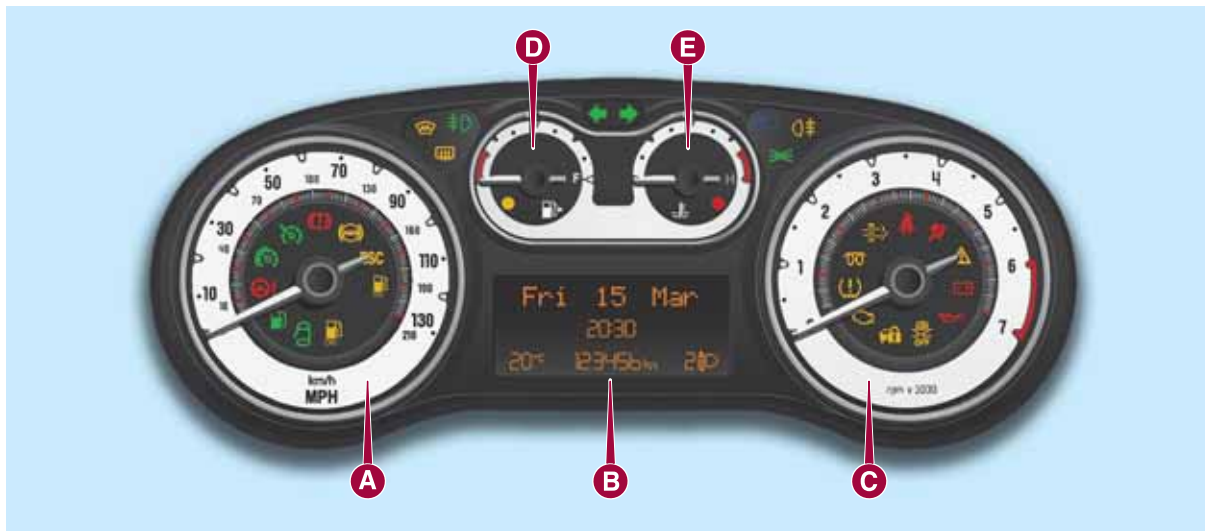
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## CONTROL PANEL AND INSTRUMENTS

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

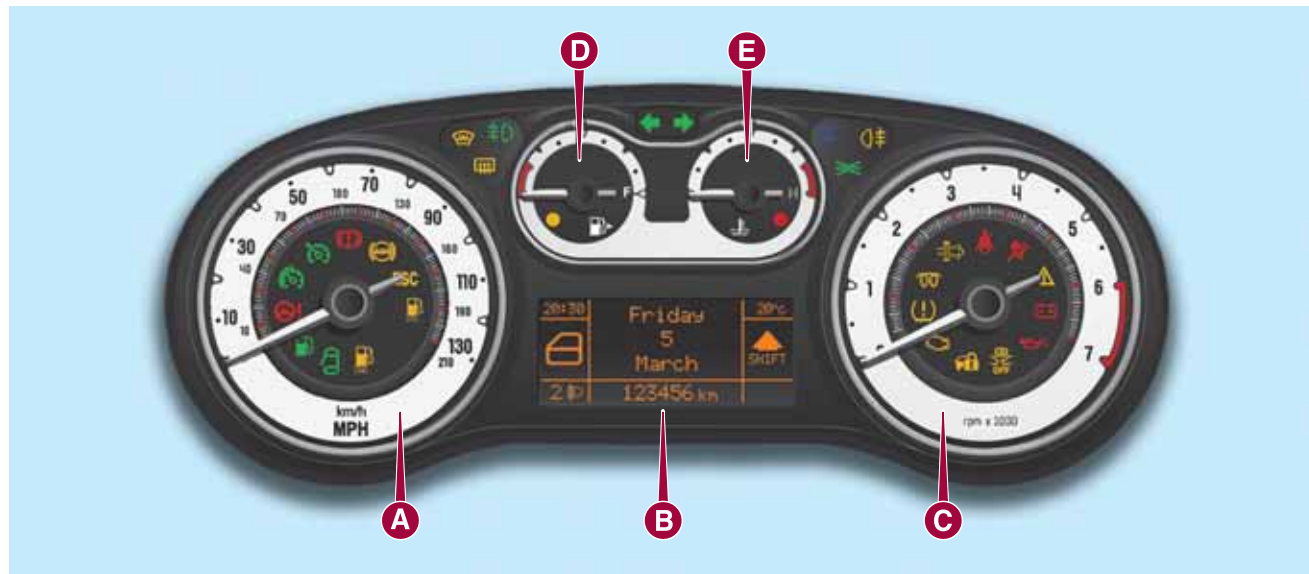


2

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

RIGHT HAND DRIVE VERSIONS

## REPLACING FUSES

### FUSE LOCATION

#### Dashboard junction box

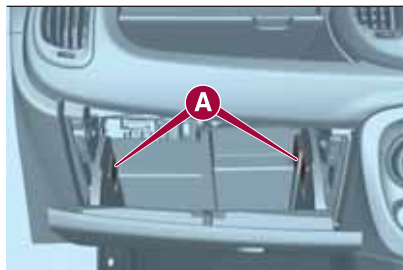
To reach the fuse box, proceed as follows:

- ❑ open the lower oddments compartment; using the supplied screwdriver (fig. 4) remove the two side lids A fig. 5;



4

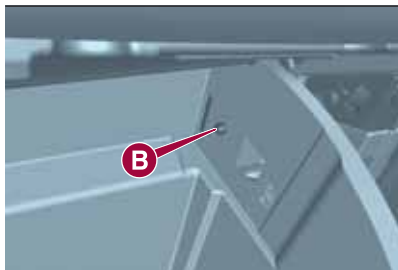
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5

F0Y0235C

- ❑ press the device B fig. 6 inside-out from the compartment;



6

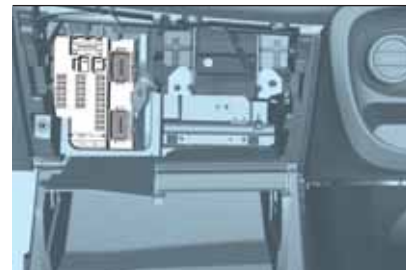
F0Y0238C

- ❑ 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.

# IMPORTANT INFORMATION AND RECOMMENDATIONS



## 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.



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Always ask your mechanic for **PETRONAS Selenia** MOTOR OIL

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#### **SELENIA DIGITEK PURE ENERGY**

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For further information on Petronas Selenia products visit the web site [www.pli-petronas.eu](http://www.pli-petronas.eu)

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PERFORMANCE



GENUINE PARTS

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GENUINE PARTS

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GENUINE PARTS

## HOW TO RECOGNISE GENUINE PARTS

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Always ask for and make sure a **Genuine Part** has been used.

Genuine  
Parts



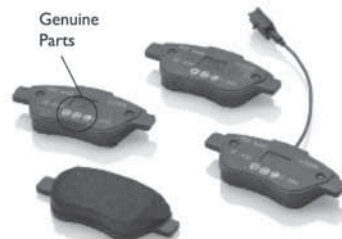
Pollen filter

Genuine  
Parts



Shock absorber

Genuine  
Parts



Brake pads

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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**BRAKING SYSTEM**

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CLIMATE CONTROL MAINTENANCE**

**COMFORT: SUSPENSION  
AND WINDSCREEN WIPERS**

**PERFORMANCE: SPARK PLUGS,  
INJECTORS AND BATTERIES**

**LINEACCESSORI  
ROOF RACK BARS, WHEEL RIMS**

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If you have any further questions please consult your FIAT dealer.

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